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COMMERCIAL FERTILIZER USED ON CROPS AND PASTURE IN THE UNITED STATES
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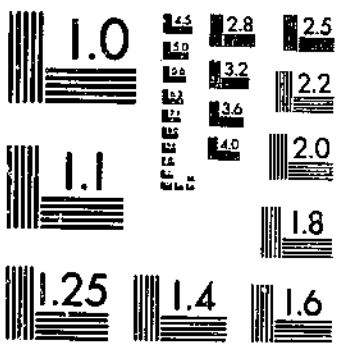

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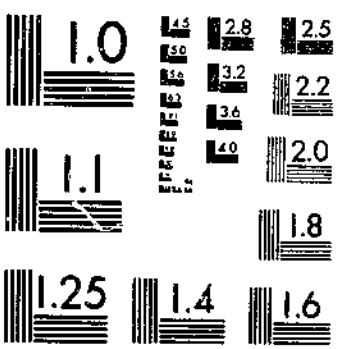

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COMMERCIAL FERTILIZER

Used On Crops and Pasture in the United States

1959 Estimates

Statistical Bulletin No. 348

UNITED STATES DEPARTMENT OF AGRICULTURE
Economic Research Service and Agricultural Research Service

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PREFACE

Periodic information on fertilizer use by crops provides benchmarks that are widely used by public and private agencies and individuals in analyzing trends and in making studies of farm adjustment problems as they relate to changing patterns of fertilizer use. The estimates contained in this report, like those in a similar report for 1954, supply such a benchmark.

Washington, D. C. July 1964

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COMMERCIAL FERTILIZER USED ON CROPS AND PASTURE IN THE UNITED STATES—1959 ESTIMATES

By

D. B. Ibach, J. R. Adams, and Esther I. Fox 1/

This report includes estimates of fertilizer use on individual crops in terms of principal plant nutrients for 1959 by States for the 50 States, for Puerto Rico, and for each of 99 agricultural subregions in the 48 contiguous States (fig. 1). Agricultural subregions reflect major differences in soils, in types of farming, and certain other economic criteria used in designating State economic areas in former census reports. Boundaries of subregions are not contiguous with State lines. Estimates in this report are compiled by State parts of subregions, for each subregion as a whole, for each State and Puerto Rico, and for the United States and Puerto Rico combined.

For purposes of this report principal plant nutrients include nitrogen (N), available phosphoric oxide (P_2O_5), and potash (K_2O). Comparable data for both 1954 and 1959 are shown by agricultural subregions for corn, oats, wheat, cotton, tobacco, and hay and cropland pasture. Separate estimates confined to irrigated crops are included by States and subregions where the information was available. An earlier report (1954) provided similar estimates by States and groups of States. 2/ That report also contained estimates for 1947 by groups of States. The present report and the report for 1954, plus certain State reports that are based on the same work, are the only publications on fertilizer in which estimates are derived from information obtained from farmers. Other USDA published statistics on fertilizer use refer to distribution by States as reported by manufacturers and dealers.

1/ Mr. Ibach is Agricultural Economist, Economic Research Service; Mr. Adams and Mrs. Fox are in Agricultural Research Service, United States Department of Agriculture. They served as national leaders of the project.

The work of developing the estimates was shared by representatives of the United States Department of Agriculture, State Experiment Stations, and State Extension Services in the 50 States and in Puerto Rico. Field staff members of the Farm Production Economics Division, Economic Research Service, and of the Soil and Water Conservation Research Division, Agricultural Research Service, served as leaders for the Department in 44 States and in Puerto Rico. In this, they worked with representatives designated by the State Directors. In six States where field staff representatives for the Department were not available for the work, leadership was assumed by a representative of the State experiment station or extension service. Their work which has made this report possible is gratefully acknowledged. Separate reports have been issued by some States.

2/ Fertilizer Used on Crops and Pasture in the United States—1954 Estimates, Statis. Bul. 216, U. S. Dept. Agr., Agr. Res. Serv., Washington, D. C., Aug. 1957.

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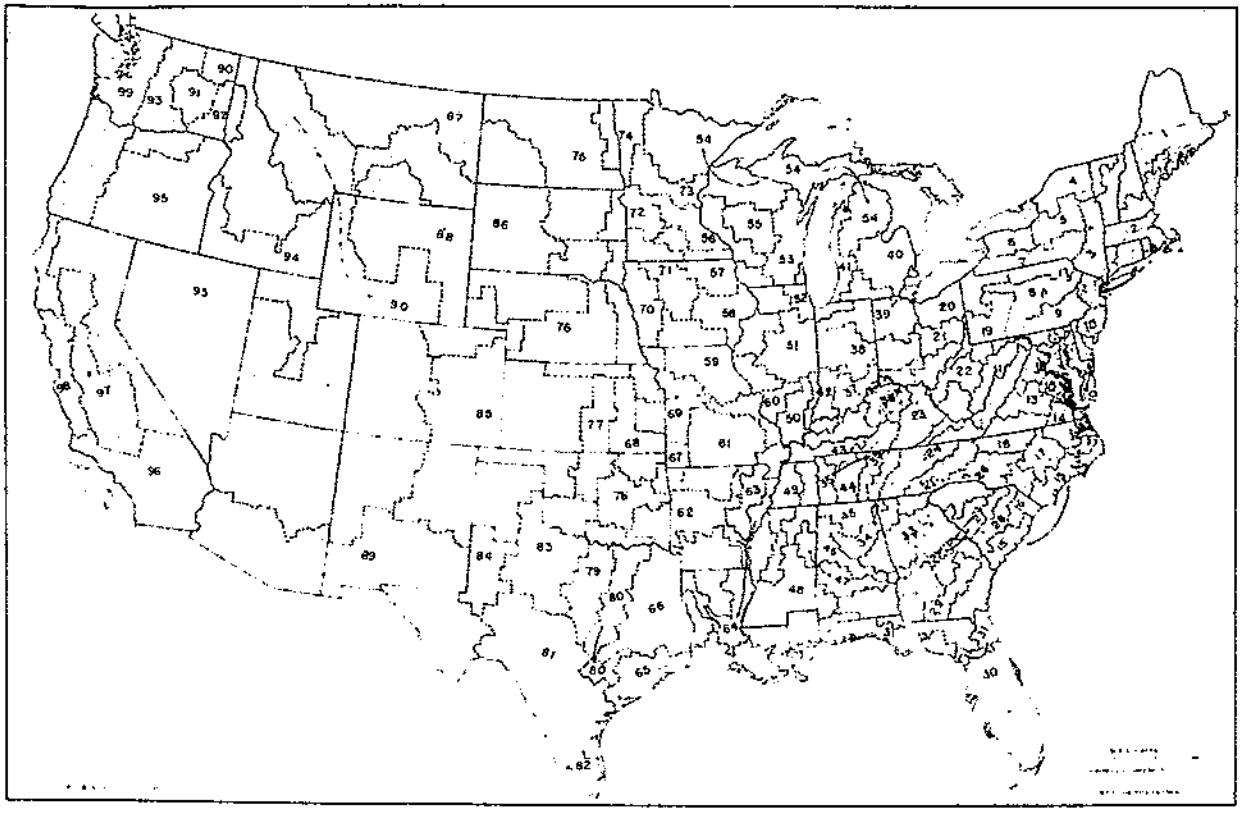

Figure 1

The 1959 Census of Agriculture was the second census in which use of fertilizer on individual crops was obtained. Information was obtained for three specified crops for each State. In addition, the fertilizer schedule for all States included questions on fertilizer use on (1) hay and cropland pasture, (2) other pasture not cropland, and (3) all "other" crops. The three individual crops included in the fertilizer schedule for a State were those of major importance there. Crops were also selected so that the aggregate acreage in the sample for all States combined comprised a high proportion of the total U. S. harvested acreage of these crops.

Answers to questions on the fertilizer census schedule were obtained from every fifth farm visited by the census enumerators. Information on quantity of fertilizer used was limited to fertilizer materials and mixtures, classified as to whether in dry or liquid form, but without reference to plant nutrient content. Rock phosphate, basic slag, and secondary and trace materials may not have been included in all instances.

For each crop included in the fertilizer schedule, census data showing the acreage fertilized and the quantity of dry and of liquid fertilizer used, were compiled and sent to each State. Also, the harvested acreage of each crop was compiled and sent to each State work group, along with Department of Agriculture data showing distribution of N, P_2O_5 and K_2O for the State as a whole. Using data provided by the census fertilizer schedule as a partial basis, in conjunction with reported distribution of plant nutrients to the State, each work group developed estimates by subregions, showing: (1) non-farm use of each plant nutrient, (2) acreage of each crop receiving any fertilizer, (3) acreage fertilized with each nutrient, and (4) the quantity of each nutrient applied on each crop.

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Throughout this report, acres harvested, acres fertilized, tons of plant nutrients, and rates per acre are reported in whole units. The percentage of acreage fertilized is reported to the nearest tenth of a percent, except in table 5 where the percentages have been rounded to whole numbers. Where initial estimates of acreage fertilized, or of nutrient used on a crop amounted to less than 0.5 unit, dashes (---) appear in the table, and rates per acre were computed from the unrounded estimates. Otherwise, rates per acre were computed from rounded estimates. Dashes (---) are also used to indicate no acreage fertilized or no fertilizer used on a crop for which the harvested acreage is shown.

In table 1 (estimates by States), a minus (-) sign for miscellaneous crops in the acreage harvested column indicates the net acreage double cropped at the State level. Where fertilizer was used on miscellaneous crops in any of the subregions or parts of subregions within the State, the gross acreage of miscellaneous crops harvested was used as the divisor in computing the percentage of acreage fertilized. In Hawaii, more acreages of sugarcane, vegetables, wetland taro, and rice, were fertilized than were harvested. This resulted from abandonment, or in the case of sugarcane, the fact that the crop is grown over a 22-month cycle so that it is normal to fertilize more acres than are harvested in a 12-month period.

The acreage of permanent pasture fertilized, by States, was expressed both as a percentage of the acreage of all permanent open pasture and of the acreage of improved permanent pasture in table 1. In table 3, dealing with fertilizer use by subregions on all acres, the acreage of permanent pasture fertilized is expressed only as a percentage of all permanent pasture. However, in tables 2 and 4 which are concerned only with fertilizer use on irrigated crops, the acreage of permanent pasture fertilized is expressed only as a percentage of the improved permanent pasture.

In tables 1 to 4, inclusive, all acreages fertilized relate to the use of each nutrient separately. These are not additive, since as in most cases some acres were fertilized with more than one nutrient. However, for 28 States and Puerto Rico, the net percentage of the harvested acreage receiving any fertilizer is the same as that shown for the nutrient with which the highest percentage of the acreage is fertilized, as indicated in those tables. For 22 States the percentage of acreage of some crops receiving any fertilizer in some State parts of subregions, is greater than the highest percentage indicated for a nutrient in tables 1 to 4. The crops and State parts of subregions involved where this is the case, together with the net percentage of harvested acreage fertilized, are shown in table 5. The following States are those for which reference to table 5 is necessary in order to find the percentage of the acreage of crops shown in that table that received any fertilizer: Arkansas, California, Idaho, Illinois, Louisiana, Michigan, Montana, North Dakota, New Hampshire, New Jersey, Nebraska, New Mexico, Ohio, Oklahoma, Oregon, South Carolina, South Dakota, Tennessee, Texas, Washington, West Virginia, and Wyoming.

Rates of application per fertilized acre shown in tables 1 to 4 were computed by dividing the quantity of the nutrient by the acreage receiving an application of that nutrient. This represents a change from the method used for the 1954 report in which rates were derived by dividing the quantity of each nutrient by the acreage receiving any fertilizer. Estimates of acreages receiving applications of each nutrient separately were not obtained for purposes of the 1954 report. Table 6 includes comparable estimates for both 1954 and 1959 for 6 major crops, by States and agricultural

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subregions. In table 6, rates per acre are derived by dividing the quantity of a nutrient by the acreage receiving any fertilizer.

In a few instances the acreage of a crop fertilized in 1959 as shown in table 6 may be greater than the combined acreage fertilized with N, with P_2O_5, and with K_2O for the same State part of the subregion (table 3). The reason for this is that acres on which only a material such as gypsum or sulfur was applied were considered as being fertilized.

The national fertilizer crop-use patterns in 1959 and percentage changes from 1954 are shown in figures 2 to 21 for corn, oats, wheat, cotton, and hay and cropland pasture. The data for the maps showing the percentage of harvested acreage fertilized were calculated by dividing the acreage receiving any fertilizer by the harvested acreage. The acreage receiving any fertilizer was also the basis on which the nutrient application rates were estimated.

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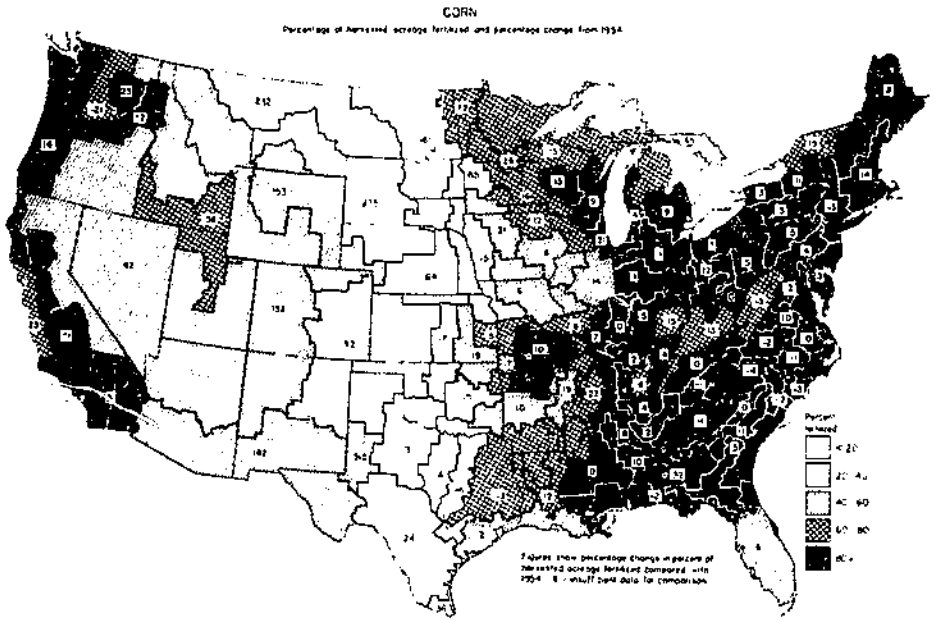

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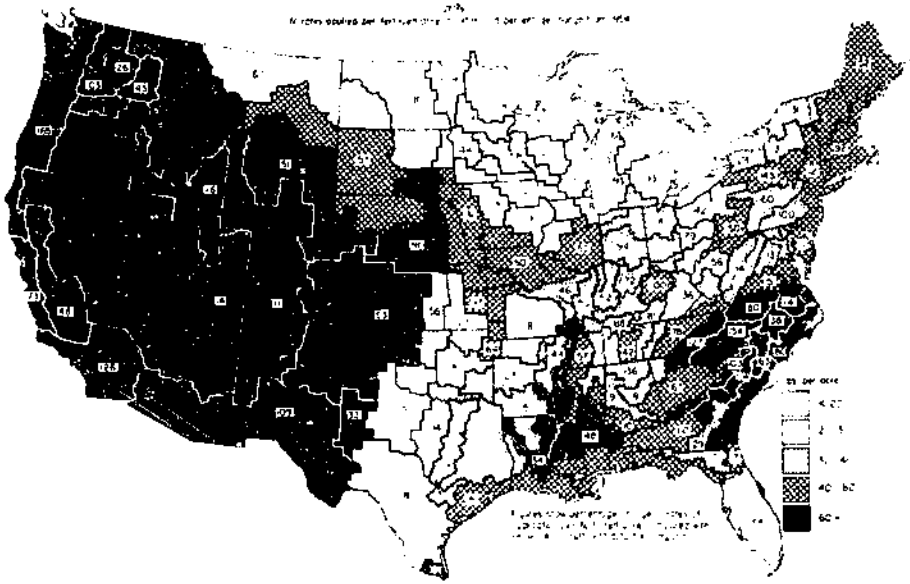

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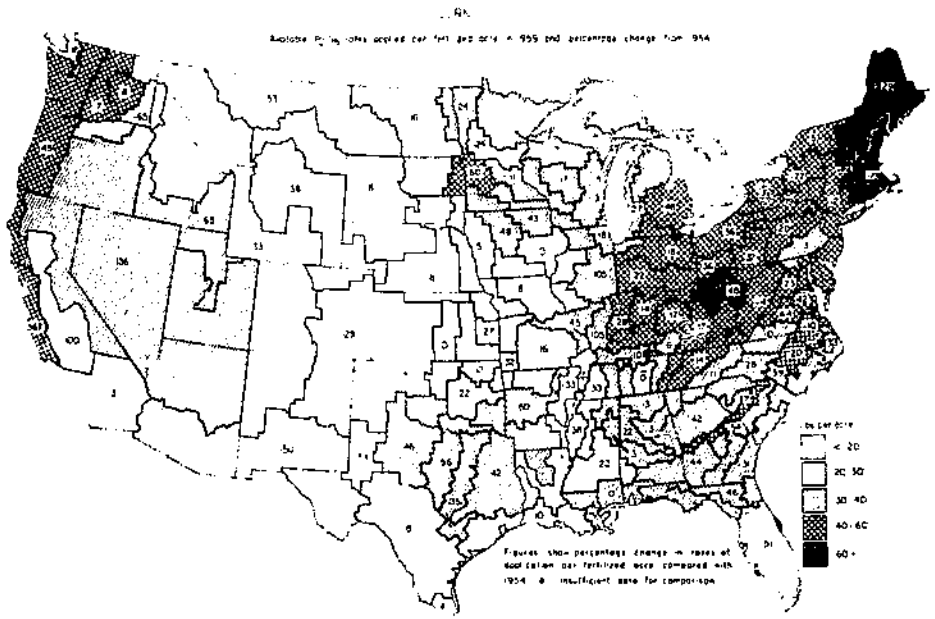

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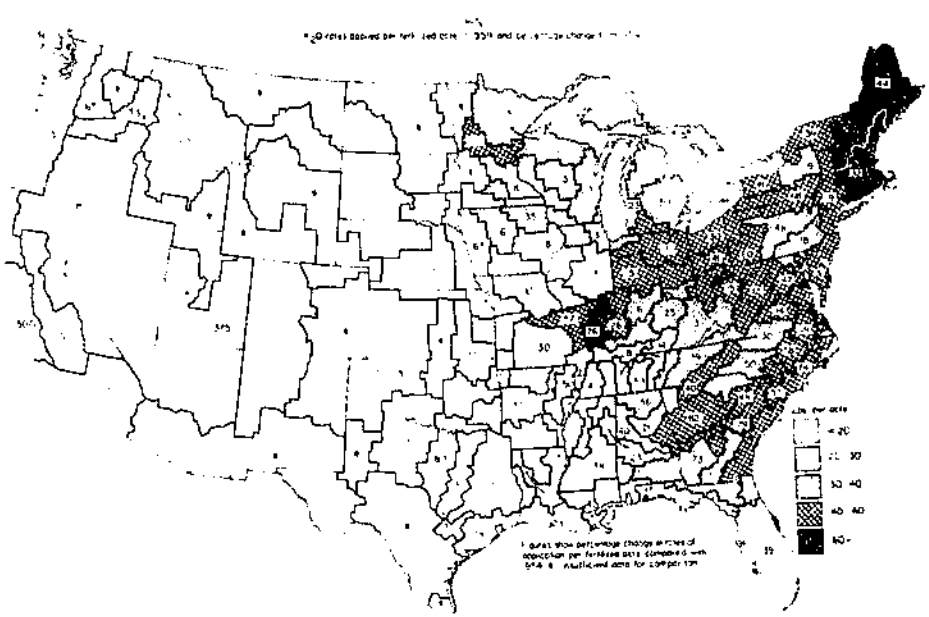

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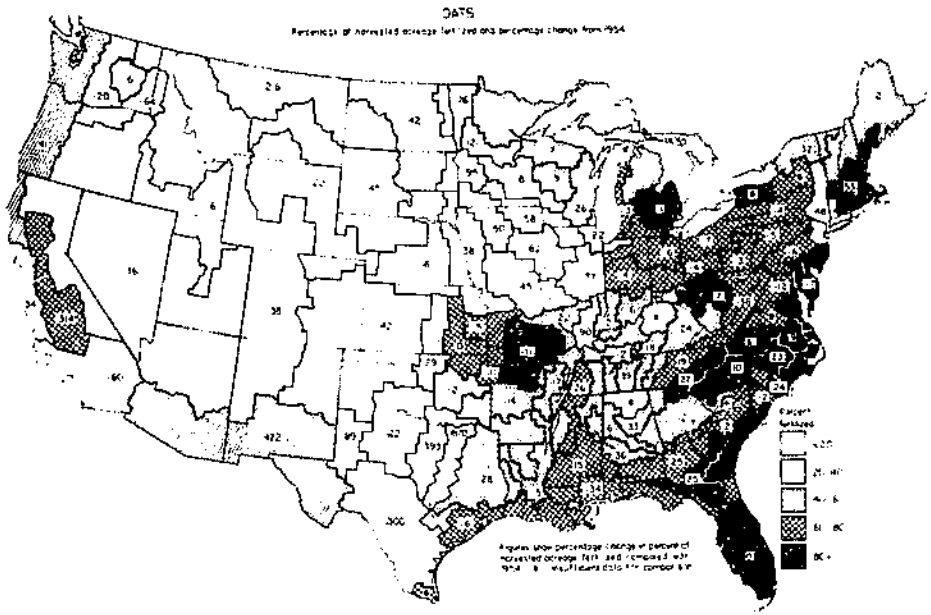

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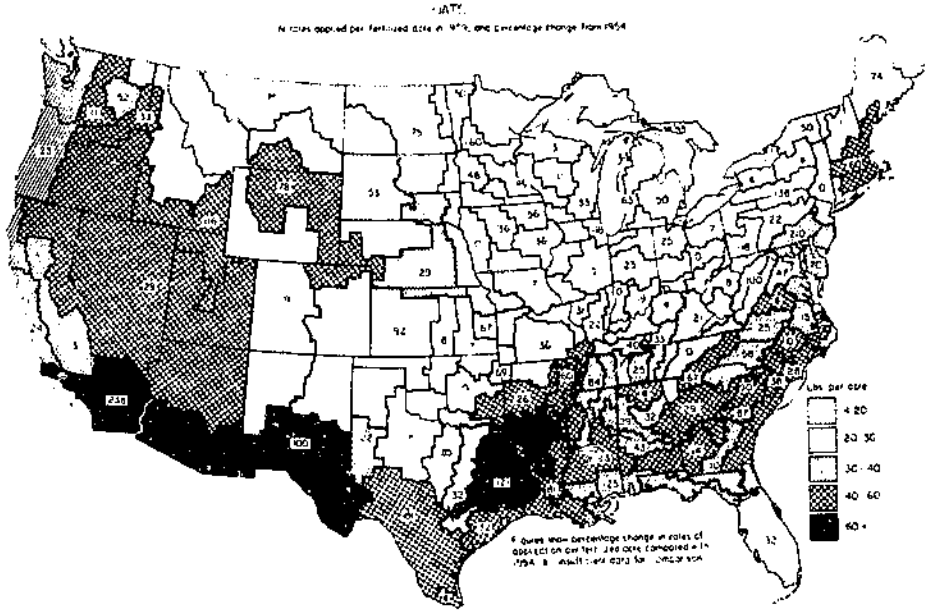

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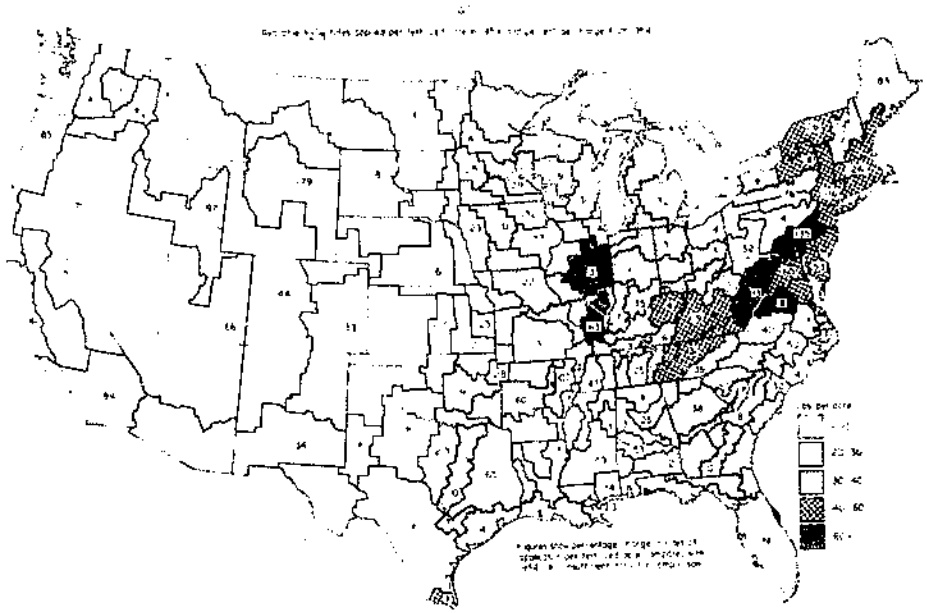

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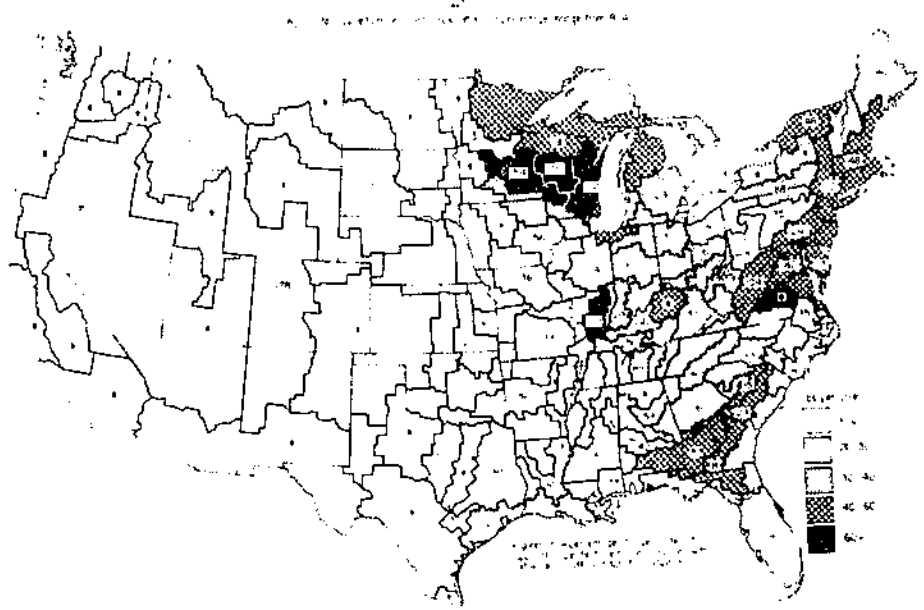

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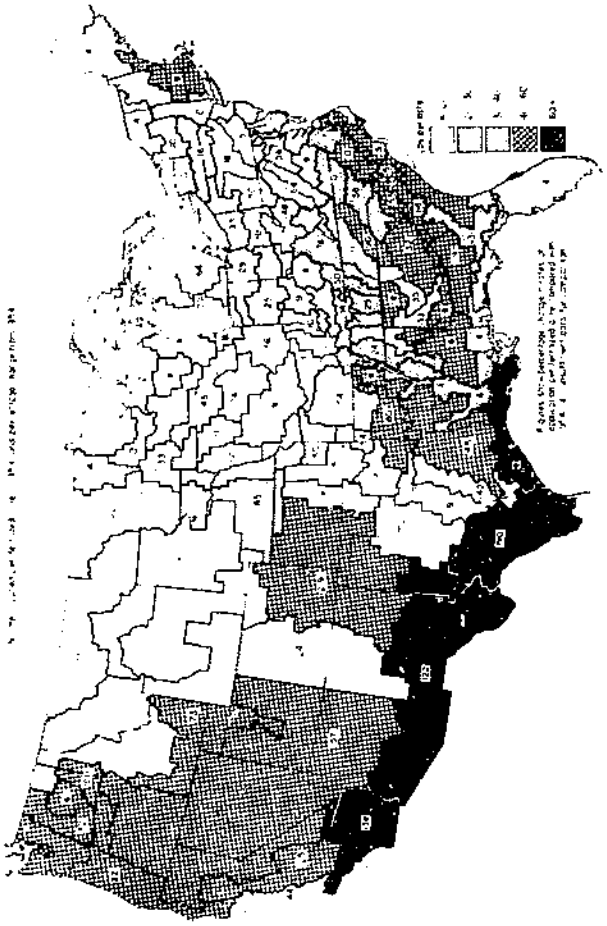

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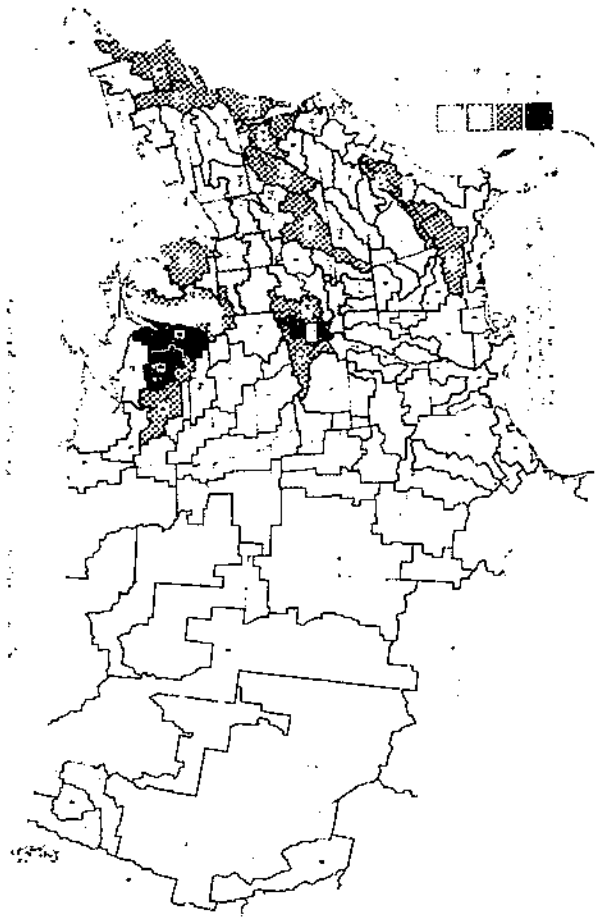

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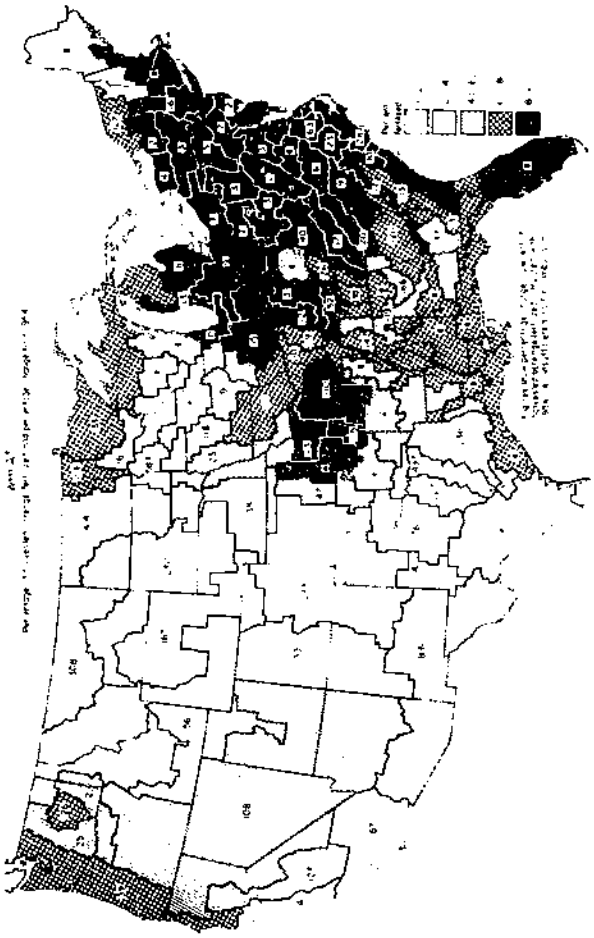

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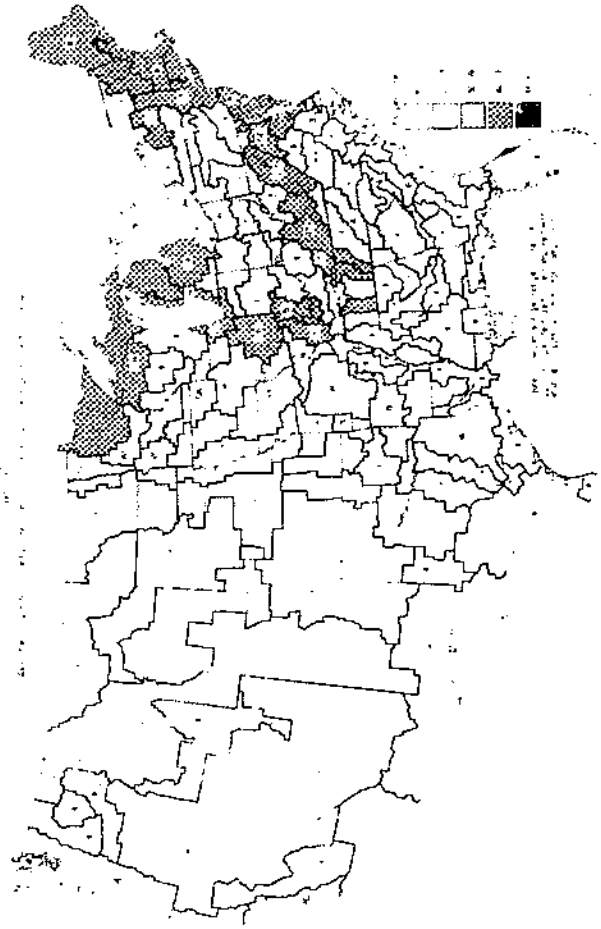

Figure 12

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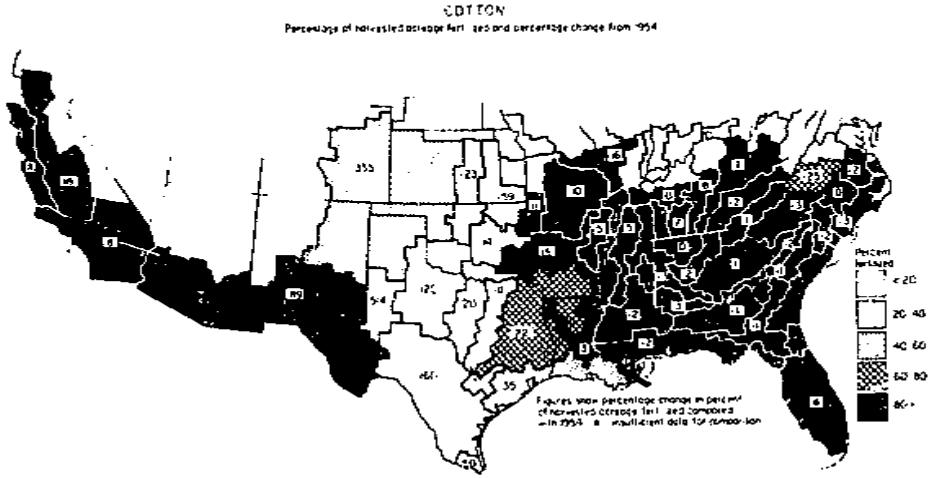

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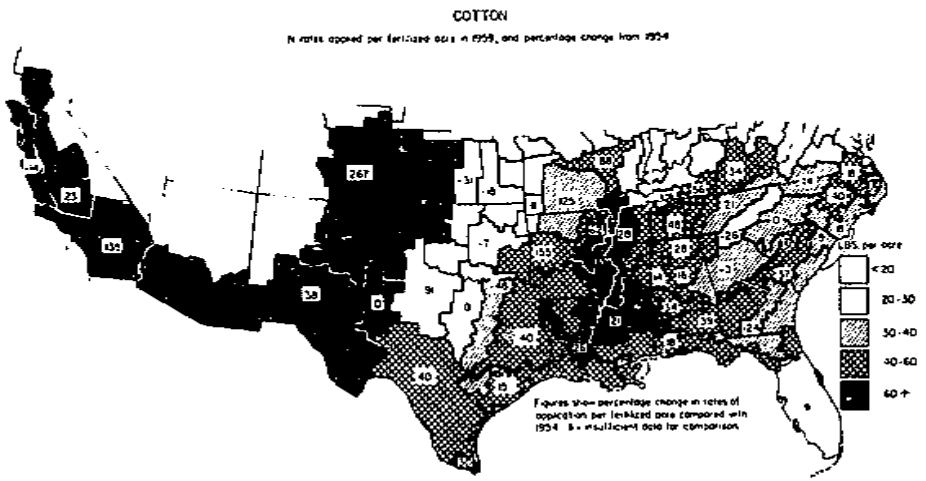

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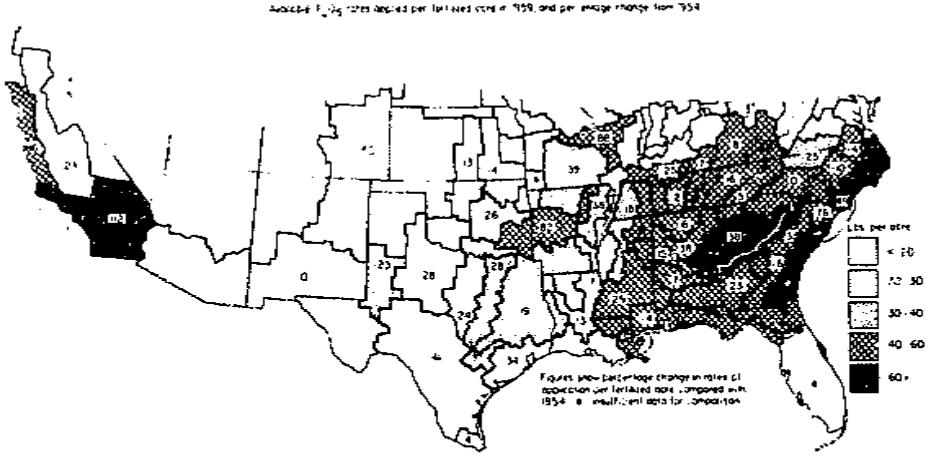

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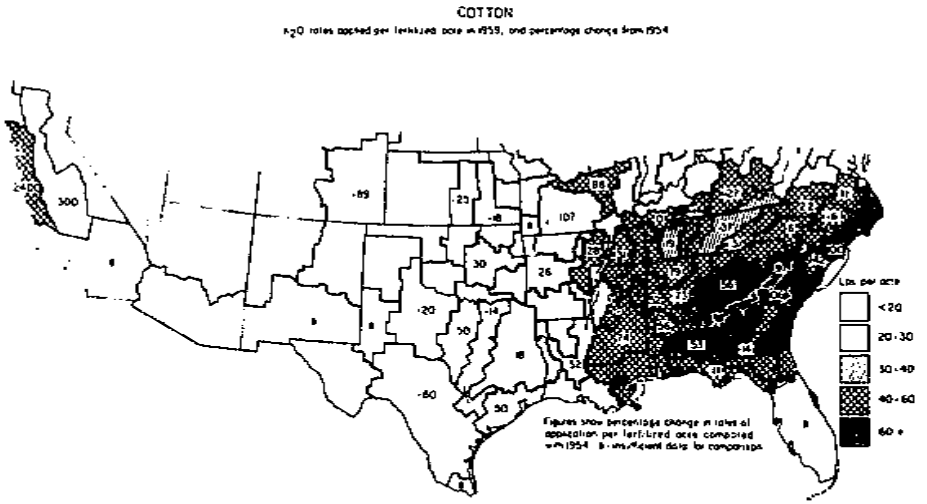

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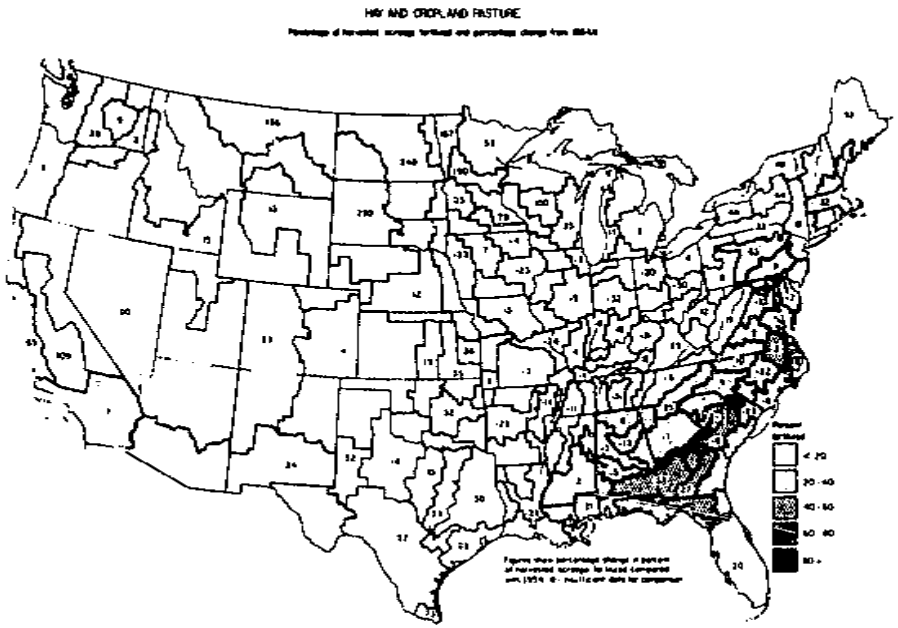

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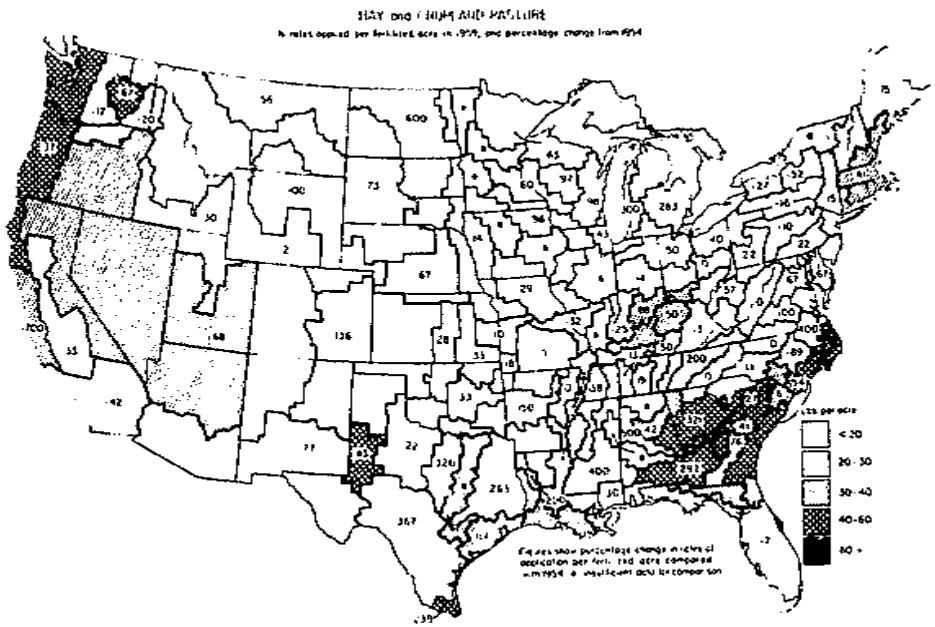

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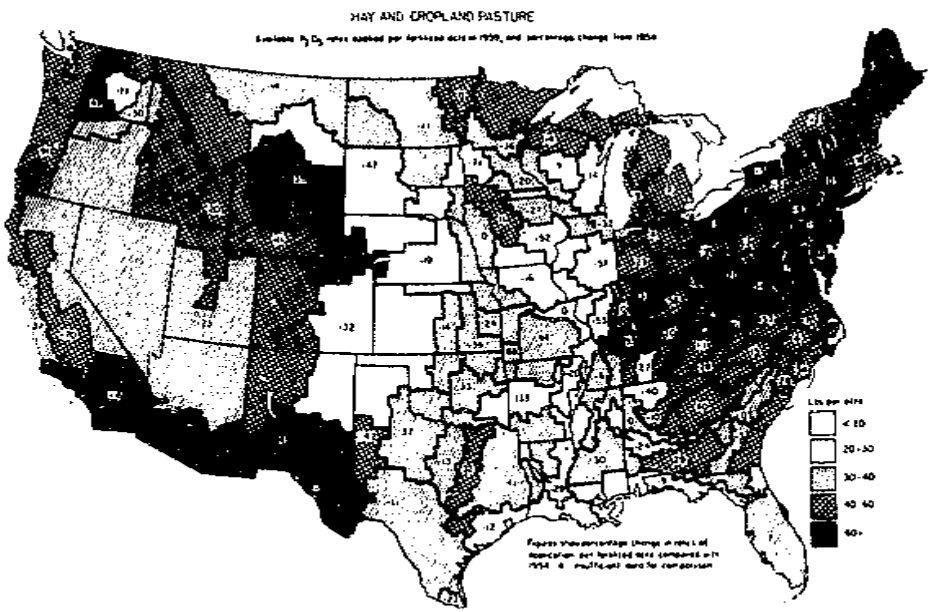

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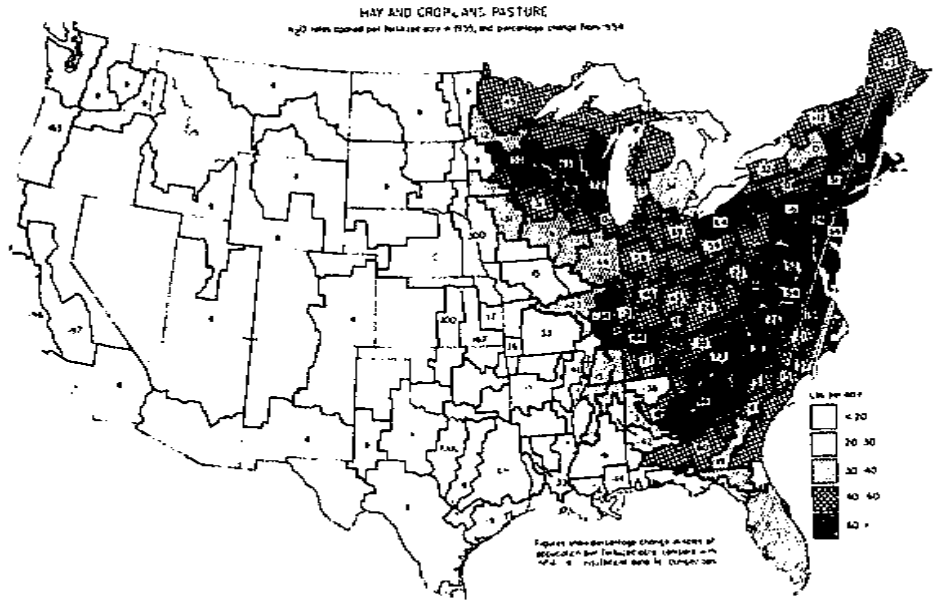

Figure 21

Table 1.--Fertilizer use on all crops, by States, 1959

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ALABAMA	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Corn	1,866,201	1,781,542	1,781,542	1,781,542	95.5	95.5	95.5	30,413	29,103	26,000	34	33	29
Sorghum	48,792	25,648	25,648	25,648	54.8	54.8	54.8	556	328	328	43	26	26
Soybeans	143,425	---	104,419	104,419	---	72.8	72.8	---	2,088	2,088	---	40	40
Cowpeas	18,399	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	206,474	---	152,264	152,264	---	73.7	73.7	---	1,445	2,890	---	19	38
Cotton	799,423	788,050	788,050	788,050	98.6	98.6	98.6	20,105	19,868	19,868	51	50	50
Sugarcane	2,991	2,608	2,608	2,608	87.2	87.2	87.2	67	67	67	51	51	51
Vegetables	107,133	74,945	74,945	74,945	70.0	70.0	70.0	5,074	5,074	5,074	135	135	135
Potatoes	14,337	14,337	14,337	14,337	100.0	100.0	100.0	860	1,434	1,434	120	200	200
Sweetpotatoes	10,699	8,122	8,122	8,122	75.9	75.9	75.9	213	213	213	52	52	52
Nursery and greenhouse	7,463	7,463	7,463	7,463	100.0	100.0	100.0	223	446	446	60	120	120
Small fruits	907	880	880	880	97.0	97.0	97.0	43	43	43	98	98	98
Tree fruits	74,678	37,099	37,099	37,099	49.7	49.7	49.7	933	933	933	50	50	50
Intertilled crops	3,296,922	2,760,694	2,997,377	2,997,377	83.1	90.9	90.9	58,487	61,042	59,384	43	41	41
Wheat	47,460	26,602	26,602	26,602	56.2	56.2	56.2	555	330	330	42	25	25
Oats	89,881	45,171	45,171	45,171	50.3	50.3	50.3	900	450	450	40	20	20
Close-growing crops	137,341	71,773	71,773	71,773	52.3	52.3	52.3	1,455	780	780	41	22	22
Tame hay and cropland pasture	1,792,476	484,594	484,594	484,594	27.0	27.0	27.0	4,715	4,681	4,681	19	19	19
Miscellaneous	156,378	2,833	2,833	2,833	50.0	50.0	50.0	39	78	78	30	59	59
All cropland	5,185,881	3,299,894	3,556,377	3,556,377	63.6	68.6	68.6	64,696	66,581	64,923	39	37	37
Permanent pasture	2,234,490	375,516	375,516	375,516	16.8	16.8	16.8	2,624	6,077	3,752	14	32	20
Improved permanent pasture	843,934	375,516	375,516	375,516	44.5	44.5	44.5	2,624	6,077	3,752	14	32	20
Crop and pastureland	7,420,371	3,675,410	3,931,893	3,931,893	49.5	53.0	53.0	67,320	72,658	68,675	37	37	35
Nonfarm use	---	---	---	---	---	---	---	20,781	21,603	21,320	---	---	---
Total nutrients	---	---	---	---	---	---	---	88,101	94,261	89,995	---	---	---
ALASKA													
Vegetables	487	441	441	441	84.3	84.3	84.3	11	25	16	91	207	133
Potatoes	712	659	659	659	92.3	92.3	92.3	49	102	18	145	302	53
Intertilled crops	1,199	1,100	1,100	1,100	90.1	90.1	90.1	60	127	34	131	277	74
Grains	2,759	2,759	2,759	2,759	100.0	100.0	100.0	56	80	49	41	43	36
Oat-pea silage	5,714	5,714	5,714	5,714	100.0	100.0	100.0	175	207	93	61	72	33
Close-growing crops	8,473	8,473	8,473	8,473	100.0	100.0	100.0	231	287	142	55	68	34
Tame hay and cropland pasture	15,...	12,844	12,844	12,844	85.0	85.0	85.0	426	242	191	66	38	30
Miscellaneous	---	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	---	---	---	---	---	---	---	---	---	---	---	---	---
Permanent pasture	---	---	---	---	---	---	---	---	---	---	---	---	---
Improved permanent pasture	---	---	---	---	---	---	---	---	---	---	---	---	---
Crop and pastureland	24,...	21,...	21,...	21,...	87....	87.4	90.4	717	636	367	64	51	33
Nonfarm use	---	---	---	---	---	---	---	---	---	---	---	---	---
Total nutrients	---	---	---	---	---	---	---	717	636	367	---	---	---
ARIZONA													
Corn	54,...	44,...	5,...	---	81....	18.2	---	511	113	---	70	39	---
Sorghum	149,...	141,...	10,...	2,...	94.6	47.0	1.9	4,902	1,291	27	97	37	19
Dry beans	9,...	4,...	4,...	---	44....	44.4	---	9	10	---	31	44	---
Cotton	444,...	442,...	204,...	204,...	99.4	54.8	7.1	20,...	5,246	271	121	50	20
Vegetables	42,...	24,...	9,...	4,...	57....	21.4	9.5	6,971	4,670	1,246	137	96	46
Potatoes	7,...	7,...	7,...	7,...	100.0	99.2	99.2	626	509	175	162	132	48
Sweetpotatoes	1,...	1,...	1,...	1,...	100.0	92.6	85.0	19	28	7	60	86	31
Nursery and greenhouse	1,...	1,...	1,...	1,...	100.0	100.0	72.9	62	35	14	89	50	25
Small fruits	51,...	29,...	10,...	1,...	56.9	32.1	5.5	2,312	206	23	159	41	27
Intertilled crops	741,...	614,...	403,...	94,...	87....	56.7	13.2	37,081	12,108	1,763	120	60	37
Wheat	54,...	40,...	32,...	2,...	74....	59.4	2.2	2,818	955	19	80	37	18
Oats	5,...	3,...	2,...	98	52....	38.9	1.4	149	50	1	79	37	20
Barley	144,...	111,...	84,...	4,...	77....	58....	2.3	4,483	1,552	32	80	37	19
Flaxseed	2,...	2,...	2,...	---	100.0	100.0	---	125	50	---	125	50	---
Soil improvement crops	16,...	1,...	1,...	---	8....	4.4	---	21	9	---	40	24	---
Seed crops	17,...	13,...	8,...	450	78....	46....	2.6	797	157	7	119	49	40
Wild hay	1,...	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	274,...	40,...	148,...	3,...	72.3	53.1	2.1	4,793	2,...	59	81	46	20
Tame hay and cropland pasture	44,...	34,...	34,...	---	24....	39.1	---	2,612	3,993	---	52	80	---
Miscellaneous	2,...	1,...	1,...	---	44....	53.2	---	88	28	---	101	48	---
All cropland	1,...	722,...	687,...	100,...	69.2	51....	7.6	48,172	18,902	1,822	104	55	36

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
CALIFORNIA--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Permanent pasture	17,220,255	120,677	117,008	451	0.7	0.7	---	3,229	2,856	10	54	49	44
Improved permanent pasture	1,149,826	120,677	117,008	451	10.5	10.2	---	3,229	2,856	10	54	49	44
Crop and pastureland	28,345,563	5,134,206	2,474,054	465,921	18.1	8.7	1.6	246,495	86,014	20,118	96	70	86
Nonfarm use	---	---	---	---	---	---	---	10,922	6,174	1,832	---	---	---
Total nutrients	---	---	---	---	---	---	---	257,417	92,188	21,950	---	---	---
COLORADO													
Corn	475,203	229,190	130,871	---	48.2	27.5	---	9,216	408	---	80	6	---
Sorghum	609,208	35,737	19,916	---	5.9	3.3	---	816	98	---	34	10	---
Broomcorn	46,828	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	197,943	213	26,020	---	.1	13.1	---	3	455	---	28	35	---
Dry peas	6,742	---	---	---	---	---	---	---	---	---	---	---	---
Sugarbeets	142,843	126,079	126,079	---	88.3	88.3	---	3,915	6,100	---	62	97	---
Vegetables	42,961	37,905	37,905	37,399	88.2	88.2	87.1	1,704	1,892	517	90	100	28
Potatoes	51,101	37,696	37,696	37,696	73.8	73.8	73.8	807	1,422	331	43	75	18
Nursery and greenhouse	1,633	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	---	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	18,505	11,751	51	51	63.5	.3	.3	106	2	3	18	78	118
Intertilled crops	1,592,967	478,571	378,538	75,146	30.0	23.8	4.7	16,367	10,377	851	68	55	23
Wheat	2,241,364	49,814	38,248	---	2.2	1.7	---	817	128	---	33	7	---
Rye	69,154	---	---	---	---	---	---	---	---	---	---	---	---
Oats	105,630	482	---	---	.5	---	---	10	---	---	41	---	---
Barley	510,304	40,584	34,582	---	8.0	6.8	---	859	355	---	42	21	---
Proso	79,973	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	286,495	1,369	1,369	---	.5	.5	---	17	8	---	25	13	---
Close-growing crops	3,292,920	92,249	74,197	---	2.8	2.3	2.3	1,703	491	---	37	13	---
Tame hay and cropland pasture	2,272,513	77,193	101,381	---	3.4	4.5	---	667	3,236	---	17	64	---
Miscellaneous	19,232	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	7,177,632	648,013	554,116	75,146	9.0	7.7	1.0	18,737	14,104	851	58	51	23
Permanent pasture	24,616,191	9,450	6,836	373	---	---	---	153	86	1	33	25	5
Improved permanent pasture	500,502	9,450	6,836	373	1.9	1.4	.1	153	86	1	33	25	5
Crop and pastureland	31,793,823	657,463	560,952	75,519	2.1	1.8	.2	18,890	14,190	852	57	51	23
Nonfarm use	---	---	---	---	---	---	---	1,312	1,155	653	---	---	---
Total nutrients	---	---	---	---	---	---	---	20,202	15,345	1,505	---	---	---
CONNECTICUT													
Corn	29,554	28,000	28,000	28,000	94.7	94.7	94.7	550	700	700	39	50	50
Tobacco	9,150	9,150	9,150	9,150	100.0	100.0	100.0	1,180	590	942	258	129	206
Vegetables	13,491	13,491	13,491	13,491	100.0	100.0	100.0	570	748	748	85	111	111
Potatoes	6,800	6,800	6,800	6,800	100.0	100.0	100.0	646	680	680	190	200	200
Nursery and greenhouse	4,960	4,960	4,960	4,960	100.0	100.0	100.0	89	150	158	36	61	64
Small fruits	516	516	516	516	100.0	100.0	100.0	26	26	26	101	101	101
Tree fruits	8,882	7,760	7,760	7,760	87.4	87.4	87.4	158	158	158	41	41	41
Intertilled crops	73,353	70,677	70,677	70,677	96.4	96.4	96.4	3,219	3,052	3,412	91	86	97
Wheat	260	260	---	---	100.0	---	---	4	---	---	31	---	---
Rye	797	797	---	---	100.0	---	---	12	---	---	30	---	---
Oats	1,046	1,046	---	---	100.0	---	---	16	---	---	31	---	---
Close-growing crops	2,103	2,103	---	---	100.0	---	---	32	---	---	30	---	---
Tame hay and cropland pasture	253,962	45,000	86,000	86,000	17.7	33.9	33.9	713	2,361	3,563	32	55	83
Miscellaneous	9,456	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	319,962	117,780	156,677	156,677	36.8	49.0	49.0	3,964	5,413	6,975	67	69	89
Permanent pasture	110,702	8,162	8,162	8,162	7.4	7.4	7.4	82	122	122	20	30	30
Improved permanent pasture	17,241	8,162	8,162	8,162	47.3	47.3	47.3	82	122	122	20	30	30
Crop and pastureland	430,664	125,942	164,839	164,839	29.2	38.3	38.3	4,046	5,535	7,097	64	67	86
Nonfarm use	---	---	---	---	---	---	---	1,000	800	700	---	---	---
Total nutrients	---	---	---	---	---	---	---	5,046	6,335	7,797	---	---	---
DELAWARE													
Corn	147,718	134,779	134,779	134,779	91.2	91.2	91.2	2,872	3,420	3,520	43	51	52
Soybeans	143,814	34,000	29,098	74,098	23.6	20.2	51.5	200	1,453	1,781	12	100	48
Vegetables	43,660	33,469	33,469	33,469	76.7	76.7	76.7	861	1,756	2,056	51	105	123
Potatoes	7,774	6,251	6,251	6,251	80.4	80.4	80.4	533	1,006	1,056	171	322	338

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ARIZONA--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Permanent pasture	30,832,000	500	250	---	---	---	---	16	9	---	64	72	---
Improved permanent pasture	434,300	500	250	---	---	---	---	16	9	---	64	72	---
Crop and pastureland	32,166,159	923,415	686,362	100,062	2.9	2.1	0.3	48,188	18,911	1,822	104	55	36
Nonfarm use	---	---	---	---	---	---	---	1,250	350	15	---	---	---
Total nutrients	---	---	---	---	---	---	---	49,438	19,261	1,837	---	---	---
ARKANSAS													
Corn	379,003	126,616	189,317	189,317	59.8	50.0	50.0	3,683	2,413	2,006	33	25	21
Sorghum	18,714	19,741	9,323	9,323	25.7	12.2	12.2	476	202	100	48	43	21
Soybeans	2,297,321	11,110	312,079	312,079	.5	13.6	13.6	94	4,981	5,787	17	32	37
Cowpeas	13,131	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	2,842	1,185	1,185	1,185	41.0	41.0	41.0	8	18	8	14	31	14
Cotton	1,504,459	1,295,878	1,011,390	1,111,062	99.3	75.5	85.1	42,585	15,287	27,348	66	30	49
Vegetables	79,102	43,114	40,314	40,314	54.5	51.0	51.0	1,724	1,141	778	81	57	39
Potatoes	4,282	2,752	2,752	2,752	65.8	65.8	65.8	87	90	65	63	65	47
Sweetpotatoes	4,221	639	639	639	15.1	15.1	15.1	10	13	10	31	41	31
Nursery and greenhouse	718	718	718	718	100.0	100.0	100.0	72	142	72	201	396	201
Small fruits	5,739	3,239	3,239	3,299	57.9	57.9	57.9	69	116	68	42	70	41
Tree fruits	34,139	12,368	12,368	12,468	36.2	36.2	36.2	360	249	118	58	40	19
Intertilled crops	4,201,487	1,617,400	1,583,764	1,682,026	38.5	37.7	40.0	48,768	24,652	36,340	60	31	43
Wheat	115,702	58,450	10,798	10,798	5.5	4.3	4.3	1,458	203	135	50	38	25
Rice	370,527	345,501	308,241	325,745	92.7	28.7	33.8	10,616	1,440	4,079	62	21	65
Oats	244,452	74,679	54,514	54,514	31.5	37.5	37.5	1,713	859	615	46	32	23
Barley	1,487	2,773	1,913	1,913	90.6	10.8	10.8	66	34	25	48	42	31
Wild hay	84,152	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	816,428	479,109	373,481	392,975	68.7	53.7	58.4	13,853	2,236	4,854	58	26	50
Tame hay and cropland pasture	2,831,482	145,831	220,182	196,744	4.6	7.8	6.6	816	3,369	1,844	11	34	19
Miscellaneous	448,434	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	7,804,001	2,242,340	1,977,427	2,091,744	29.0	25.8	26.9	63,237	30,257	42,838	57	41	42
Permanent pasture	1,631,847	54,132	90,480	71,440	3.4	5.6	4.5	1,874	1,703	961	69	27	33
Improved permanent pasture	1,631,842	54,242	90,480	72,240	3.4	5.6	4.5	1,874	1,703	961	69	27	33
Crop and pasture land	9,281,849	2,296,842	2,067,907	2,163,744	24.5	22.3	24.0	65,111	34,460	43,794	57	30	41
Nonfarm use	---	---	---	---	---	---	---	500	250	200	---	---	---
Total nutrients	---	---	---	---	---	---	---	65,611	34,710	43,994	---	---	---
CALIFORNIA													
Corn	244,671	211,953	94,598	4,223	82.8	38.6	1.6	11,373	2,465	469	108	52	37
Sorghum	448,804	178,445	89,223	4,223	39.7	19.8	.9	3,184	1,032	37	104	58	49
Dry beans	34,048	17,854	15,441	10,781	50.9	45.2	31.6	712	645	241	84	80	43
Other field and seed beans	253,744	37,861	37,861	3,842	14.9	14.9	2.5	1,528	448	78	81	50	40
Cotton	821,249	785,284	431,502	31,967	92.1	48.5	3.8	44,318	3,453	1,662	117	65	95
Sugarbeets	215,[illegible]	196,438	105,847	9,681	94.9	51.4	4.5	15,364	4,098	198	156	78	44
Vegetables	842,141	713,658	437,417	45,835	90.0	63.1	24.4	56,834	21,752	5,870	141	99	73
Potatoes	93,635	81,045	53,987	4,223	92.5	63.1	24.4	6,968	3,440	2,251	156	129	127
Sweetpotatoes	8,424	7,774	5,881	1,248	41.5	45.7	37.9	148	127	115	49	65	71
Nursery and greenhouse	78,256	28,838	24,257	24,257	57.8	31.8	27.1	4,296	1,606	1,030	228	132	100
Small fruits	11,290	11,134	10,579	4,647	98.4	92.7	85.3	1,130	661	456	203	128	95
Tree fruits	1,128,425	1,040,788	584,942	453,178	76.9	42.4	10.7	52,456	8,212	7,820	96	83	102
Intertilled crops	4,064,514	3,444,435	1,977,215	456,478	77.7	31.8	11.2	182,301	53,919	19,826	116	84	88
Wheat	446,724	435,178	52,614	---	39.7	15.4	---	5,243	760	---	48	29	---
Rice	402,142	288,540	48,900	230	95.5	15.1	.1	10,608	847	12	74	37	.04
Oats	129,839	68,429	11,441	712	52.0	24.3	.5	1,279	452	10	37	39	28
Barley	1,442,209	899,795	398,285	206	60.3	26.7	---	30,628	8,714	2	68	42	19
Flaxseed	34,288	26,534	26,199	---	99.4	96.5	---	1,978	1,028	---	149	80	---
Safflower	117,080	103,295	5,778	---	88.2	4.9	---	4,784	79	---	73	27	---
Alfalfa seed	131,598	1,000	27,559	57	.8	20.9	---	23	1,069	1	42	78	35
Other field crops	12,000	600	9,000	---	5.0	75.0	---	12	915	---	40	70	---
Wild hay	90,983	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,656,848	1,524,402	597,073	1,205	57.3	22.5	---	51,560	12,884	25	68	43	41
Tame hay and cropland pasture	4,625,617	345,932	482,758	13,242	7.5	10.4	.3	8,805	16,369	256	51	68	39
Miscellaneous	-201,461	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	11,125,308	5,013,529	2,357,046	465,478	45.1	21.2	4.2	243,266	83,158	20,108	97	71	86

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
DELAWARE--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Sweetpotatoes	210	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	2,037	2,037	2,037	2,037	100.0	100.0	100.0	100	100	100	98	98	98
Small fruits	117	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,755	1,544	1,044	1,044	88.0	59.5	59.5	62	31	31	80	59	59
Intertilled crops	347,085	212,080	206,678	251,678	61.1	59.5	72.5	4,628	7,766	8,544	44	75	68
Wheat	23,958	19,200	21,662	21,662	80.1	90.4	90.4	409	592	642	43	55	59
Rye	10,584	5,292	5,292	5,292	50.0	50.0	50.0	131	131	131	50	50	50
Buckwheat	195	---	---	---	---	---	---	---	---	---	---	---	---
Oats	6,090	5,481	5,481	5,481	90.0	90.0	90.0	77	110	110	28	40	40
Barley	12,732	9,053	10,008	10,008	71.2	78.6	78.6	200	249	274	44	50	55
Close-growing crops	53,559	39,032	42,443	42,443	72.9	79.2	79.2	817	1,082	1,157	42	51	55
Tame hay and cropland pasture	83,316	15,312	30,312	30,312	18.4	36.4	36.4	204	915	1,336	27	60	88
Miscellaneous	-23,776	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	430,184	266,424	279,433	324,433	57.9	60.7	70.5	5,649	9,763	11,037	42	70	68
Permanent pasture	20,324	8,278	8,278	8,278	40.7	40.7	40.7	170	170	170	41	41	41
Improved permanent pasture	5,549	5,549	5,549	5,549	100.0	100.0	100.0	153	153	153	55	55	55
Crop and pastureland	480,508	274,702	287,711	332,711	57.2	59.9	69.2	5,819	9,933	11,207	42	69	67
Nonfarm use	---	---	---	---	---	---	---	477	560	600	---	---	---
Total nutrients	---	---	---	---	---	---	---	6,296	10,493	11,807	---	---	---
FLORIDA													
Corn	493,000	392,700	392,700	392,700	79.7	79.7	79.7	4,788	4,393	3,763	24	22	19
Soybeans	32,900	20,500	20,500	20,500	62.3	62.3	62.3	132	459	443	13	45	43
Cowpeas	23,000	17,250	17,250	17,250	75.0	75.0	75.0	78	257	248	9	30	29
Peanuts	85,100	63,825	63,825	63,825	75.0	75.0	75.0	193	1,186	1,146	6	37	36
Cotton	23,500	23,500	23,500	23,500	100.0	100.0	100.0	238	428	507	20	37	43
Tobacco	17,800	17,800	17,800	17,800	100.0	100.0	100.0	684	1,460	1,719	77	164	193
Sugarcane	49,200	49,200	49,200	49,200	100.0	100.0	100.0	217	389	3,330	9	15	135
Vegetables	345,300	305,300	345,300	345,300	88.4	100.0	100.0	12,176	25,017	22,107	80	145	128
Potatoes	37,100	37,100	37,100	37,100	100.0	100.0	100.0	1,855	3,427	2,493	100	185	134
Sweetpotatoes	2,100	1,995	1,995	1,995	95.0	95.0	95.0	71	99	108	71	99	103
Nursery and greenhouse	21,000	21,000	21,000	21,000	100.0	100.0	100.0	1,827	2,903	2,450	174	276	233
Small fruits	1,500	1,500	1,500	1,500	100.0	100.0	100.0	117	161	137	156	215	183
Tree fruits	728,400	728,400	728,400	728,400	100.0	100.0	100.0	59,157	26,277	57,725	162	72	158
Intertilled crops	1,859,900	1,680,070	1,720,070	1,720,070	90.3	92.5	92.5	81,533	66,446	96,176	97	77	112
Wheat	9,800	9,800	9,800	9,800	100.0	100.0	100.0	118	122	105	24	25	21
Oats	11,300	11,300	11,300	11,300	100.0	100.0	100.0	137	140	122	24	25	22
Root and grain crops	51,000	25,500	25,500	25,500	50.0	50.0	50.0	331	372	359	26	29	28
Close-growing crops	72,100	46,600	46,600	46,600	64.6	64.6	64.6	586	634	586	25	27	25
Tame hay and cropland pasture	1,031,200	319,400	319,400	319,400	31.0	31.0	31.0	4,418	4,997	4,828	28	31	30
Miscellaneous	-112,605	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	2,850,595	2,046,070	2,086,070	2,086,070	71.8	73.2	73.2	86,537	72,077	101,590	85	69	97
Permanent pasture	4,121,600	615,700	615,700	615,700	14.9	14.9	14.9	5,830	7,687	7,510	19	25	24
Improved permanent pasture	1,204,600	615,700	615,700	615,700	51.1	51.1	51.1	5,830	7,687	7,510	19	25	24
Crop and pastureland	6,972,195	2,661,770	2,701,770	2,701,770	38.2	38.8	38.8	92,367	79,764	109,100	69	59	81
Nonfarm use	---	---	---	---	---	---	---	12,596	10,877	14,807	---	---	---
Total nutrients	---	---	---	---	---	---	---	104,963	90,641	123,907	---	---	---
GEORGIA													
Corn	2,428,342	2,366,106	2,366,106	2,366,106	97.4	97.4	97.4	59,753	47,733	51,630	51	40	44
Sorghum	51,132	32,214	32,214	32,214	63.0	63.0	63.0	516	501	538	32	31	33
Soybeans	86,536	39,784	43,894	43,894	46.0	50.7	50.7	204	732	864	10	33	39
Velvet beans	11,825	---	2,952	2,952	---	25.0	25.0	---	26	29	---	18	20
Cowpeas	76,934	26,867	26,926	26,926	34.9	35.0	35.0	96	334	302	7	25	27
Peanuts	488,366	347,678	347,706	347,706	71.2	71.2	71.2	1,811	6,474	7,587	10	37	44
Cotton	644,502	632,292	632,292	632,292	98.1	98.1	98.1	14,312	19,828	22,992	45	62	73
Tobacco	68,776	68,674	68,752	68,752	99.9	100.0	100.0	1,883	5,331	5,777	55	155	168
Sugarcane	3,296	1,972	1,972	1,972	59.8	59.8	59.8	36	77	130	37	78	132
Vegetables	147,107	145,518	145,518	145,518	98.9	98.9	98.9	2,315	7,451	9,599	32	102	132
Potatoes	1,287	1,287	1,287	1,287	100.0	100.0	100.0	24	64	72	37	99	112
Sweetpotatoes	14,611	14,611	14,611	14,611	100.0	100.0	100.0	252	835	1,143	34	114	156
Nursery and greenhouse	10,302	8,738	8,738	8,738	84.8	84.8	84.8	288	681	362	66	156	83
All fruits	195,507	136,774	136,774	136,774	70.0	70.0	70.0	1,188	3,109	4,286	17	45	63
Intertilled crops	4,228,523	3,822,515	3,829,742	3,829,742	90.4	90.6	90.6	82,678	92,976	105,361	43	49	55

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
GEORGIA--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	94,598	52,058	52,058	52,058	55.0	55.0	55.0	1,128	886	956	43	34	37
Rye	23,382	16,367	16,367	16,367	70.0	70.0	70.0	276	154	159	34	19	19
Oats	234,374	168,749	168,749	168,749	72.0	72.0	72.0	3,815	3,160	4,402	45	37	40
Barley	9,687	5,304	5,304	5,304	54.8	54.8	54.8	48	64	72	18	24	27
Hay and grain crop grazed	123,111	72,065	72,065	72,065	60.0	60.0	60.0	1,943	1,156	1,245	54	32	35
Close-growing crops	482,152	314,543	314,543	314,543	65.2	65.2	65.2	7,210	5,420	5,834	46	34	37
Tame hay and cropland pasture	1,948,707	695,652	695,652	695,652	42.2	42.2	42.2	18,786	18,356	19,850	54	53	57
Miscellaneous	408,168	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	2,838,918	1,010,195	1,010,195	1,010,195	35.6	35.6	35.6	26,996	24,776	26,684	53	49	53
Permanent pasture	1,356,210	446,457	446,457	446,457	32.9	32.9	32.9	8,253	8,362	7,523	40	34	36
Improved permanent pasture	682,134	446,457	446,457	446,457	65.4	65.4	65.4	8,253	8,362	7,843	40	34	36
Crop and pastureland	4,195,128	1,456,652	1,456,652	1,456,652	34.7	34.7	34.7	35,249	33,138	34,207	48	45	47
Nonfarm use	---	---	---	---	---	---	---	2,339	2,450	2,381	---	---	---
Total nutrients	---	---	---	---	---	---	---	37,588	35,588	36,588	---	---	---
HAWAII													
Sugarcane	111,311	109,300	109,300	109,300	98.2	98.2	98.2	22,289	9,330	20,618	210	87	196
Vegetables	4,874	4,281	4,281	4,281	87.8	87.8	87.8	171	242	242	80	114	114
Potatoes	8	8	8	8	100.0	100.0	100.0	4	8	8	95	143	143
Sweetpotatoes	2	2	2	2	100.0	100.0	100.0	2	5	5	23	58	58
Taro (wetland)	40	21	20	20	100.0	95.2	95.2	20	40	40	50	100	100
Taro (dryland)	54	54	54	54	100.0	100.0	100.0	2	5	5	68	180	180
Tree fruits	1,220	1,071	1,071	1,071	88.2	88.2	88.2	168	190	212	50	60	64
Pineapples	44,000	44,000	44,000	44,000	100.0	100.0	100.0	1,100	2,200	2,200	50	100	100
Coffee	7,000	7,000	7,000	7,000	100.0	100.0	100.0	1,400	800	1,600	200	114	229
Intertilled crops	177,609	166,000	166,000	166,000	93.5	93.5	93.5	27,156	12,820	24,930	164	77	150
Rice	5	5	5	5	100.0	100.0	100.0	1	2	2	200	400	400
Close-growing crops	5	5	5	5	100.0	100.0	100.0	1	2	2	200	400	400
Tame hay and cropland pasture	1,214,000	1,214,000	1,214,000	1,214,000	100.0	100.0	100.0	1,214	1,214	1,214	2	2	2
Miscellaneous	---	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	1,391,614	1,380,005	1,380,005	1,380,005	99.2	99.2	99.2	28,371	14,036	26,146	21	10	19
Permanent pasture	1,214,484	1,214,000	1,214,000	1,214,000	100.0	100.0	100.0	1,214	1,214	1,214	1	1	1
Improved permanent pasture	42,484	42,000	42,000	42,000	98.9	98.9	98.9	214	214	214	5	5	5
Crop and pastureland	177,130	166,005	166,005	166,005	93.7	93.7	93.7	27,157	12,822	24,932	164	77	150
Nonfarm use	---	---	---	---	---	---	---	1	1	1	---	---	---
Total nutrients	---	---	---	---	---	---	---	27,158	12,823	24,933	---	---	---
IDAHO													
Corn	84,000	68,000	68,000	68,000	81.0	81.0	81.0	2,721	1,020	340	40	15	5
Dry beans	14,000	---	14,000	---	---	100.0	---	---	280	---	---	40	---
Dry peas	245,000	---	5,000	---	---	2.0	---	---	90	---	---	36	---
Sugarbeets	91,200	81,800	81,800	---	89.6	89.6	---	3,834	3,235	---	94	79	---
Vegetables	40,000	18,564	17,000	1,000	46.4	42.5	2.5	525	425	130	57	48	30
Potatoes	234,000	202,000	202,000	1,000	86.3	86.3	0.4	6,223	4,842	925	62	48	18
Fruits	15,200	6,200	5,200	---	40.8	34.2	---	356	183	---	57	35	---
Nursery and greenhouse	3,100	2,000	2,000	---	64.4	64.4	---	56	45	---	56	45	---
Intertilled crops	830,600	401,564	400,894	43,000	48.3	48.2	5.1	14,934	10,020	550	72	50	6
Wheat	1,040,000	373,000	2,000	6,000	34.3	.2	.6	7,250	85	50	39	22	27
Rye	5,182	---	---	---	---	---	---	---	---	---	---	---	---
Oats	270,654	92,340	---	---	25.4	---	---	540	---	---	33	---	---
Barley	498,254	130,000	---	---	26.1	---	---	2,130	---	---	33	---	---
Wild hay	30,582	3,000	---	---	9.8	---	---	45	---	---	30	---	---
Close-growing crops	1,813,444	538,360	2,000	6,000	29.8	.1	.3	9,965	85	50	37	22	27
Tame hay and cropland pasture	1,776,594	96,000	240,000	---	5.4	13.8	---	1,668	3,204	---	35	59	---
Miscellaneous	265,103	21,000	20,500	---	7.9	7.7	---	400	397	---	38	39	---
All cropland	4,549,447	1,006,933	640,994	41,000	22.1	14.1	.9	25,567	18,316	603	51	57	29
Permanent pasture	8,995,765	14,247	15,000	---	.2	.2	---	333	365	---	47	49	---
Improved permanent pasture	382,024	14,247	15,000	---	3.7	3.9	---	333	365	---	47	49	---
Crop and pastureland	11,545,212	1,021,180	655,994	41,000	8.8	5.7	.4	25,900	18,681	600	51	57	29
Nonfarm use	---	---	---	---	---	---	---	33	30	21	---	---	---
Total nutrients	---	---	---	---	---	---	---	25,933	18,711	621	---	---	---

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ILLINOIS													
Corn	10,030,988	3,950,788	4,310,725	2,879,599	39.4	43.0	28.7	111,526	99,213	95,638	56	46	66
Sorghum	29,641	8,866	10,156	8,374	29.9	34.3	28.3	134	255	85	30	50	20
Soybeans	4,738,774	287,251	382,319	289,628	6.1	7.6	6.1	716	10,868	11,585	5	60	80
Vegetables	166,055	137,188	137,188	137,168	82.6	82.6	82.6	1,946	7,319	4,355	28	107	63
Potatoes	1,821	1,639	1,639	1,639	90.0	90.0	90.0	34	53	53	41	65	65
Sweetpotatoes	494	395	395	395	80.0	80.0	80.0	2	10	10	10	51	51
Popcorn	21,526	9,681	11,065	8,829	35.7	51.4	41.0	205	323	323	53	57	73
Nursery and greenhouse	9,826	4,102	4,102	4,102	41.7	41.7	41.7	280	280	280	137	137	137
Small fruits	2,136	2,136	2,136	2,136	100.0	100.0	100.0	53	106	106	50	99	99
Tree fruits	26,429	26,429	26,429	26,429	100.0	100.0	100.0	342	168	168	66	13	13
Intertilled crops	15,027,690	4,426,455	4,866,134	3,358,299	29.4	32.4	22.3	115,640	118,595	112,601	52	49	67
Wheat	1,641,923	827,244	932,813	729,722	50.4	56.8	44.4	9,413	28,238	26,270	23	61	72
Rye	55,375	5,099	5,524	3,783	9.2	10.0	6.8	42	138	124	16	50	66
Oats	2,097,391	152,443	158,642	87,237	7.3	7.6	4.2	1,143	4,506	2,944	15	57	67
Barley	68,547	12,705	17,395	16,025	18.5	25.4	23.3	107	523	481	17	60	60
Seed	46,903	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	3,910,139	997,491	1,114,374	836,787	25.5	28.5	21.4	10,705	33,405	29,819	21	60	71
Tame hay and cropland pasture	4,253,084	---	211,345	145,453	---	5.1	3.5	---	3,18	6,376	---	30	88
Miscellaneous	4,505	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	23,681,405	5,423,946	6,291,853	4,340,517	23.5	26.8	18.8	126,345	155,188	148,796	47	50	69
Permanent pasture	1,885,505	---	35,686	28,910	---	1.9	1.4	---	541	1,078	---	30	82
Improved permanent pasture	307,875	---	35,686	28,910	---	11.6	8.6	---	541	1,078	---	30	82
Crop and pastureland	24,988,910	5,423,946	6,227,539	4,368,829	21.7	24.9	17.5	126,345	155,729	149,874	47	50	69
Nonfarm use	---	---	---	---	---	---	---	4,637	5,646	5,165	---	---	---
Total nutrients	---	---	---	---	---	---	---	130,982	161,375	155,039	---	---	---
INDIANA													
Corn	5,102,550	4,825,272	4,825,272	4,825,272	94.6	94.6	94.6	80,116	100,974	118,739	36	42	49
Sorghum	26,007	21,445	21,445	21,445	82.5	82.5	82.5	321	370	439	30	35	37
Soybeans	2,264,135	829,359	823,337	823,337	36.6	36.3	36.3	1,272	11,555	2,519	3	28	30
Tobacco	6,871	6,800	6,800	6,800	98.9	98.9	98.9	297	594	891	90	180	270
Vegetables	107,674	92,230	92,230	92,230	85.6	85.6	85.6	2,585	2,972	2,941	56	62	64
Potatoes	6,791	6,640	6,640	6,640	97.8	97.8	97.8	116	321	505	35	97	152
Popcorn	29,545	27,740	27,740	27,740	93.9	93.9	93.9	472	548	573	34	39	41
Mint	9,496	9,208	9,208	9,208	97.0	97.0	97.0	46	175	175	10	38	38
Nursery and greenhouse	6,279	6,148	6,148	6,148	97.9	97.9	97.9	470	448	458	168	149	149
Small fruits	1,577	1,521	1,521	1,521	96.4	96.4	96.4	47	86	93	62	113	122
Tree fruits	18,983	10,697	10,697	10,697	56.3	56.3	56.3	850	328	347	159	61	65
Intertilled crops	7,584,781	5,436,858	5,830,896	5,830,896	70.4	76.9	76.9	92,619	118,261	130,660	35	41	41
Wheat	1,196,918	1,196,121	1,196,121	1,196,121	94.9	94.9	94.9	17,867	22,821	23,908	41	40	42
Rye	21,605	6,321	6,321	6,321	29.3	29.3	29.3	21	42	42	3	13	13
Oats	868,836	589,077	589,077	589,077	68.0	68.0	68.0	5,121	9,787	9,747	17	33	33
Barley	52,259	46,807	46,807	46,807	89.6	89.6	89.6	659	782	774	28	34	34
Seed crops	18,663	1,545	1,545	1,545	8.3	8.3	8.3	8	27	27	10	36	36
Close-growing crops	2,195,980	1,779,871	1,779,871	1,779,871	81.0	81.0	81.0	24,864	33,265	34,428	27	37	39
Tame hay and cropland pasture	3,087,892	94,541	302,942	202,442	3.1	9.8	6.6	1,731	7,463	8,229	37	49	54
Miscellaneous	5,289	4,380	4,380	4,380	25.0	25.0	25.0	22	83	83	10	38	38
All cropland	12,873,738	7,315,650	7,918,089	7,918,089	56.0	61.5	61.5	118,036	159,072	180,440	33	40	46
Permanent pasture	1,135,787	60,323	60,323	60,323	5.3	5.3	5.3	336	1,292	1,332	11	43	44
Improved permanent pasture	159,142	60,323	60,323	60,323	37.9	37.9	37.9	336	1,292	1,332	11	43	44
Crop and pastureland	14,009,485	7,375,973	7,978,412	7,978,412	51.9	57.0	57.0	118,372	160,364	181,822	33	40	46
Nonfarm use	---	---	---	---	---	---	---	4,786	6,820	7,202	---	---	---
Total nutrients	---	---	---	---	---	---	---	123,158	167,184	189,024	---	---	---
IOWA													
Corn	12,398,090	6,356,049	6,356,049	5,198,844	51.3	51.3	41.9	90,270	100,782	60,984	28	32	23
Sorghum	90,569	31,700	31,700	14,982	35.0	35.0	16.5	400	369	80	25	23	11
Soybeans	2,337,063	---	72,673	57,352	---	3.1	2.4	---	356	174	---	10	6
Vegetables	73,822	60,208	60,208	34,599	81.6	81.6	46.9	180	300	98	6	10	6
Potatoes	2,946	2,946	2,946	2,946	100.0	100.0	100.0	177	53	76	12	36	52
Sweetpotatoes	395	395	395	395	100.0	100.0	100.0	7	15	7	35	76	35
Popcorn	15,271	5,345	5,345	1,944	35.0	35.0	12.7	16	27	4	6	10	4
Nursery and greenhouse	8,609	6,609	6,609	6,609	100.0	100.0	100.0	55	38	42	17	11	10
Small fruits	502	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	8,690	2,172	---	---	25.0	---	---	11	---	---	10	---	---
Intertilled crops	14,933,957	6,462,423	6,435,925	5,315,665	43.3	43.3	35.6	90,956	102,140	60,555	28	31	23

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
IOWA--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	164,097	47,526	47,526	13,556	29.0	29.0	8.3	480	238	48	21	10	7
Rye	8,839	890	890	552	10.0	10.0	6.2	9	27	3	1	3	11
Oats	4,207,628	450,790	450,790	281,744	10.7	10.7	6.7	1,817	8,568	1,126	8	38	8
Barley	27,705	2,778	2,778	1,269	10.0	10.0	4.5	10	54	5	7	39	8
Flax	11,725	1,172	1,172	526	10.0	10.0	4.5	4	22	1	4	19	4
Close-growing crops	4,420,124	503,156	503,156	297,641	11.4	11.4	6.7	2,314	8,889	1,183	9	35	8
Tame hay and cropland pasture	6,413,421	---	325,053	259,559	---	5.1	4.0	---	6,269	4,844	---	39	37
Miscellaneous	11,618	2,791	2,791	2,791	11.5	11.5	11.5	13	13	15	9	9	11
All cropland	25,[illegible]118	6,[illegible]470	[illegible]366,835	5,[illegible]636	27.0	28.8	22.8	93,283	117,304	66,597	27	32	23
Permanent pasture	3,836,979	45,678	45,678	5,635	1.4	1.4	.2	456	229	14	20	10	5
Improved permanent pasture	349,361	45,678	45,678	5,635	13.1	13.1	1.6	456	229	14	20	10	5
Crop and pastureland	29,116,097	[illegible]017,048	[illegible]412,513	6,881,271	24.1	25.4	20.2	93,739	117,533	66,611	27	32	23
Nonfarm use	---	---	---	---	---	---	---	---	---	---	---	---	---
Total nutrients	---	---	---	---	---	---	---	93,739	117,533	66,611	---	---	---
KANSAS													
Corn	1,809,941	694,521	688,304	351,549	37.4	36.8	18.8	9,606	8,345	1,454	27	24	8
Sorghum	4,795,561	823,590	670,792	167,715	17.2	14.0	3.5	12,112	5,945	584	29	18	7
Soybeans	422,304	32,500	32,500	28,591	7.7	7.7	6.8	97	430	93	6	26	7
Sugarbeets	7,956	7,956	7,956	5	100.0	100.0	---	232	122	---	60	31	---
Vegetables	22,991	11,714	11,714	5,113	53.0	53.0	23.1	270	169	37	46	29	14
Potatoes	1,559	1,052	1,052	290	67.5	67.5	19.2	26	17	1	49	32	7
Popcorn	4,692	2,509	2,509	692	53.5	53.5	14.5	41	35	3	33	28	9
Nursery and greenhouse	2,057	1,738	1,738	565	84.5	84.5	27.5	52	28	3	60	32	11
Small fruits	378	265	265	93	70.1	70.1	24.6	7	3	1	53	23	22
Tree fruits	8,575	4,826	4,826	1,647	56.3	56.3	19.2	80	45	5	33	19	6
Intertilled crops	[illegible]34,914	1,585,421	[illegible]081,450	559,029	22.2	29.9	7.8	22,525	16,139	2,181	28	21	8
Wheat	9,856,771	2,801,132	2,501,202	715,594	28.4	25.4	7.2	28,211	22,832	2,320	22	18	6
Rye	139,657	11,679	11,679	2,807	8.4	8.4	2.0	129	99	9	22	17	6
Oats	888,153	324,600	324,365	174,353	48.6	48.6	26.3	3,187	3,584	569	20	22	7
Barley	875,663	232,449	229,344	94,514	26.6	26.2	10.8	2,208	2,321	326	19	20	7
Wild hay	594,437	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,131,184	3,169,240	3,071,927	987,968	26.1	25.4	8.1	33,552	28,636	3,224	21	19	7
Tame hay and cropland pasture	2,[illegible]0,877	221,428	218,845	115,805	8.2	8.1	4.3	3,119	3,208	452	28	29	8
Miscellaneous	13,272	3,870	2,232	217	10.0	5.7	.6	80	19	1	41	17	9
All cropland	21,990,347	4,993,939	4,714,480	1,690,110	22.8	21.4	7.5	59,454	47,202	5,858	24	20	7
Permanent pasture	7,[illegible]15,815	81,222	81,222	29,456	.3	.3	.2	788	772	118	26	25	8
Improved permanent pasture	626,284	81,222	81,222	29,456	9.8	9.8	4.7	788	772	118	26	25	8
Crop and pastureland	34,903,962	5,041,161	4,775,682	1,689,575	12.0	12.0	4.3	60,242	47,974	5,976	24	20	7
Nonfarm use	---	---	---	---	---	---	---	1,083	1,081	550	---	---	---
Total nutrients	---	---	---	---	---	---	---	61,325	49,055	6,526	---	---	---
KENTUCKY													
Corn	1,644,731	1,362,543	1,362,543	1,362,543	82.8	82.8	82.8	20,474	22,749	15,924	30	33	23
Sorghum	41,386	30,230	30,230	30,230	73.0	73.0	73.0	441	651	647	29	43	43
Soybeans	222,570	---	23,697	23,697	---	10.6	10.6	---	458	479	---	39	40
Cowpeas	373	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	8,462	8,427	8,427	8,427	99.6	99.6	99.6	107	186	183	25	44	43
Tobacco	211,681	210,136	210,136	210,136	99.3	99.3	99.3	13,631	18,742	27,262	130	178	259
Vegetables	88,757	59,078	59,078	59,078	68.1	68.1	68.1	990	1,341	1,363	34	45	46
Potatoes	7,550	3,533	3,533	3,533	46.8	46.8	46.8	56	88	89	32	50	50
Popcorn	11,731	10,629	10,629	10,629	90.6	90.6	90.6	118	228	214	22	43	40
Nursery and greenhouse	2,086	1,703	1,678	1,678	81.6	80.4	80.4	28	36	38	33	45	45
Small fruits	1,842	1,334	1,334	1,334	72.4	72.4	72.4	18	28	29	27	42	43
Tree fruits	16,926	5,207	---	---	30.8	---	---	73	---	---	28	---	---
Intertilled crops	2,261,701	1,692,820	1,711,285	1,711,285	74.8	75.7	75.7	35,936	44,509	46,228	42	52	54
Wheat	158,338	127,874	127,874	127,874	80.8	80.8	80.8	1,343	2,357	1,591	21	37	25
Rye	11,944	499	531	531	4.2	4.4	4.4	8	12	12	32	45	45
Oats	51,353	1,262	1,262	1,262	2.5	2.5	2.5	14	27	27	22	43	43
Barley	67,254	16,526	16,526	16,526	24.6	24.6	24.6	241	354	347	29	43	42
Close-growing crops	288,889	146,161	146,193	146,193	50.6	50.6	50.6	1,606	2,750	1,977	22	38	27
Tame hay and cropland pasture	6,211,163	479,134	479,134	479,134	7.7	7.7	7.7	4,694	15,021	15,021	20	63	63
Miscellaneous	70,521	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	8,832,274	2,318,115	2,336,612	2,336,612	26.2	26.5	26.5	42,236	62,280	63,226	36	53	54

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
KENTUCKY--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Permanent pasture	1,626,274	127,863	127,863	127,863	7.9	7.9	7.9	938	3,754	3,754	15	59	59
Improved permanent pasture	240,398	127,863	127,863	127,863	53.2	53.2	53.2	938	3,754	3,754	15	59	59
Crop and pastureland	10,460,548	2,445,978	2,464,475	2,464,475	23.4	23.6	23.6	43,174	66,034	66,980	35	54	54
Nonfarm use	---	---	---	---	---	---	---	1,543	2,633	1,971	---	---	---
Total nutrients	---	---	---	---	---	---	---	44,717	68,667	68,951	---	---	---
LOUISIANA													
Corn	396,579	274,577	186,680	183,468	69.2	47.1	46.2	7,725	2,521	2,168	56	27	24
Sorghum	11,916	3,046	2,933	2,933	25.6	24.6	24.6	67	39	39	44	27	27
Soybeans	242,599	14,300	19,860	19,860	5.5	8.2	8.2	69	314	314	10	32	32
Cowpeas	11,811	2,664	3,048	3,048	22.9	26.3	26.3	13	51	51	10	33	33
Peanuts	3,[illegible]	733	853	853	41.3	48.1	48.1	2	10	10	5	23	23
Cotton	430,449	453,955	285,611	285,823	92.6	58.5	58.3	13,580	4,244	3,958	60	30	28
Sugarcane	275,091	242,114	33,738	33,428	84.4	12.2	12.2	10,053	884	776	87	47	46
Vegetables	52,540	23,030	23,384	22,762	43.8	44.9	44.3	609	956	473	53	65	40
Potatoes	3,452	1,483	1,455	1,455	43.0	42.1	42.1	42	38	30	57	52	41
Sweetpotatoes	60,494	32,720	37,664	37,664	54.1	62.3	62.3	370	765	521	23	41	28
Nursery and greenhouse	4,22[illegible]	3,899	3,899	3,899	92.3	92.3	92.3	213	163	163	109	84	84
Small fruits	4,909	4,385	4,473	4,385	88.1	89.8	88.1	133	269	133	61	120	61
Tree fruits	18,776	9,012	9,053	9,365	18.5	18.6	19.2	277	212	307	61	47	66
Intertilled crops	1,604,423	1,054,918	617,758	608,833	65.8	38.5	37.9	33,153	10,206	8,923	63	33	29
Wheat	32,711	19,880	3,549	3,549	60.8	10.8	10.8	675	49	49	68	28	28
Rice	466,516	432,423	417,153	396,440	92.7	89.4	85.0	7,551	5,698	4,695	35	27	24
Oats	56,333	34,077	15,003	15,003	60.4	26.6	26.6	1,110	215	215	65	29	29
Close-growing crops	555,800	486,380	435,705	414,992	87.5	78.4	74.7	9,336	5,962	4,959	38	27	24
Tame hay and cropland pasture	2,397,190	249,430	208,416	204,177	10.4	8.7	8.5	5,534	3,648	2,944	44	35	29
Miscellaneous	-65,313	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	4,491,900	1,790,728	1,261,879	1,228,002	39.9	28.1	27.3	48,023	19,876	16,826	54	32	27
Permanent pasture	1,689,433	123,953	105,740	105,416	7.3	6.3	6.2	2,664	1,850	1,577	43	35	30
Improved permanent pasture	407,602	123,953	105,740	105,416	30.4	25.9	25.9	2,664	1,850	1,577	43	35	30
Crop and pastureland	6,181,333	1,914,681	1,367,619	1,333,418	31.0	22.1	21.6	50,687	21,726	18,403	53	32	28
Nonfarm use	---	---	---	---	---	---	---	4,422	3,219	1,883	---	---	---
Total nutrients	---	---	---	---	---	---	---	55,109	24,945	20,286	---	---	---
MAINE													
Corn	9,016	7,646	7,646	7,646	84.8	84.8	84.8	200	422	363	52	110	95
Dry beans	1,415	1,401	1,401	1,401	99.0	99.0	99.0	35	70	70	50	100	100
Vegetables	21,674	12,292	12,502	12,392	56.7	57.7	57.2	278	422	334	45	68	54
Potatoes	134,337	132,466	132,466	132,466	98.6	98.6	98.6	11,668	16,279	17,210	176	246	260
Nursery and greenhouse	320	281	281	281	87.8	87.8	87.8	22	27	31	157	192	221
Small fruits	25,462	4,328	4,328	4,328	17.0	17.0	17.0	131	131	131	61	61	61
Tree fruits	11,050	1,989	1,600	1,600	18.0	14.5	14.5	81	40	40	81	50	50
Intertilled crops	203,274	160,403	160,224	160,114	78.9	78.8	78.8	12,415	17,391	18,179	155	217	227
Wheat	355	116	116	116	32.7	32.7	32.7	1	3	2	17	52	34
Rye	296	46	80	46	15.5	27.0	15.5	1	2	1	43	50	43
Oats	51,811	20,262	20,262	20,262	39.1	39.1	39.1	175	330	330	17	33	33
Close-growing crops	52,462	20,424	20,458	20,424	38.9	39.0	38.9	177	335	333	17	33	33
Tame hay and cropland pasture	622,472	61,000	74,000	67,000	9.8	11.9	10.8	2,124	2,936	2,600	70	79	78
Miscellaneous	-1,641	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	876,567	241,827	254,682	247,538	27.6	29.1	28.2	14,716	20,662	21,112	122	162	171
Permanent pasture	133,280	6,600	7,200	6,900	5.0	5.4	5.2	151	283	233	46	79	68
Improved permanent pasture	12,488	6,600	7,200	6,900	52.9	57.7	55.3	151	283	233	46	79	68
Crop and pastureland	1,009,847	248,427	261,882	254,438	24.6	25.9	25.2	14,867	20,945	21,345	120	160	168
Nonfarm use	---	---	---	---	---	---	---	270	257	207	---	---	---
Total nutrients	---	---	---	---	---	---	---	15,137	21,202	21,552	---	---	---
MARYLAND													
Corn	461,940	436,203	436,203	436,203	94.4	94.4	94.4	5,288	8,812	8,812	24	40	40
Soybeans	193,958	126,297	126,297	126,297	65.1	65.1	65.1	379	1,894	1,894	6	30	30
Tobacco	39,608	39,410	39,410	39,410	99.5	99.5	99.5	867	1,895	2,995	44	96	152
Vegetables	88,646	83,322	83,322	83,322	94.0	94.0	94.0	2,036	3,171	3,358	49	76	81
Potatoes	3,931	3,033	3,033	3,033	77.2	77.2	77.2	231	232	231	152	153	152
Sweetpotatoes	4,012	4,010	4,010	4,010	99.9	99.9	99.9	94	188	372	47	94	186
Nursery and greenhouse	4,204	2,025	2,025	2,025	48.2	48.2	48.2	51	101	51	50	100	50
Small fruits	862	635	635	635	73.7	73.7	73.7	25	49	44	79	154	139
Tree fruits	13,265	12,300	11,400	11,400	92.7	85.9	85.9	630	245	145	102	43	25
Intertilled crops	810,426	707,235	706,335	706,335	87.3	87.2	87.2	9,601	16,587	17,902	24	47	51

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
MARYLAND--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	150,287	139,342	139,342	139,342	92.7	92.7	92.7	1,433	2,500	1,780	21	36	26
Rye	17,213	8,607	8,607	8,607	50.0	50.0	50.0	65	120	86	15	28	20
Buckwheat	768	576	576	576	75.0	75.0	75.0	3	9	6	10	31	21
Oats	52,728	49,628	49,628	49,628	94.1	94.1	94.1	498	871	618	20	35	25
Barley	73,223	68,017	68,017	68,017	92.9	92.9	92.9	699	1,223	867	21	36	26
Close-growing crops	294,219	266,170	266,170	266,170	90.5	90.5	90.5	2,698	4,723	3,357	20	35	25
Tame hay and cropland pasture	695,691	158,870	158,870	158,870	22.8	22.8	22.8	1,127	3,757	3,757	14	47	47
Miscellaneous	51,097	27	27	27	14.8	14.8	14.8	---	1	1	11	38	38
All cropland	1,039,239	1,132,302	1,131,402	1,131,402	64.7	64.7	64.7	13,426	25,068	25,017	24	44	44
Permanent pasture	356,431	59,583	59,583	59,583	16.7	16.7	16.7	597	1,194	955	20	40	32
Improved permanent pasture	113,600	59,583	59,583	59,583	52.4	52.4	52.4	597	1,194	955	20	40	32
Crop and pastureland	2,105,670	1,191,885	1,190,985	1,190,985	56.6	56.6	56.6	14,023	26,262	25,972	24	44	44
Nonfarm use	---	---	---	---	---	---	---	310	540	280	---	---	---
Total nutrients	---	---	---	---	---	---	---	14,333	26,802	26,252	---	---	---
MASSACHUSETTS													
Corn	23,351	23,000	23,000	23,000	98.5	98.5	98.5	600	750	750	52	65	65
Tobacco	3,233	3,233	3,233	3,233	100.0	100.0	100.0	310	160	310	192	99	192
Vegetables	33,437	33,000	33,000	33,000	98.7	98.7	98.7	1,770	1,900	1,620	107	115	98
Potatoes	6,159	6,159	6,159	6,159	100.0	100.0	100.0	343	650	650	111	211	211
Small fruits	13,069	10,000	10,000	10,000	76.5	76.5	76.5	250	300	250	50	60	50
Tree fruits	10,851	9,500	9,000	8,000	87.5	82.9	73.7	180	300	250	38	67	63
Nursery and greenhouse	5,302	5,302	5,302	5,302	100.0	100.0	100.0	800	600	600	302	226	226
Intertilled crops	95,402	90,194	89,694	88,694	94.5	94.0	93.0	4,253	4,660	4,430	94	104	100
Wheat	355	300	300	300	84.5	84.5	84.5	10	15	15	67	100	100
Rye	985	300	300	300	30.4	30.4	30.4	10	15	15	67	100	100
Oats	1,681	1,000	1,000	1,000	92.5	92.5	92.5	30	40	40	60	80	80
Close-growing crops	2,421	1,600	1,600	1,600	66.1	66.1	66.1	50	70	70	63	88	88
Tame hay and cropland pasture	313,055	76,000	80,000	90,000	24.3	25.6	28.7	1,690	2,890	2,552	44	72	57
Miscellaneous	13,010	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	397,868	167,794	171,294	180,294	42.2	43.1	45.3	5,993	7,820	7,052	71	89	78
Permanent pasture	90,483	13,865	10,000	10,000	15.3	11.0	11.0	303	226	226	44	45	45
Improved permanent pasture	10,531	10,531	9,000	9,000	100.0	85.5	85.5	243	216	216	48	48	48
Crop and pastureland	488,351	181,659	181,294	190,294	37.2	37.1	39.0	6,296	7,846	7,278	69	87	76
Nonfarm use	---	---	---	---	---	---	---	422	564	142	---	---	---
Total nutrients	---	---	---	---	---	---	---	6,718	8,410	7,420	---	---	---
MICHIGAN													
Corn	1,956,370	1,732,232	1,732,232	1,732,232	88.5	88.5	88.5	23,586	34,015	30,451	27	39	35
Soybeans	228,259	98,070	103,231	103,231	43.0	45.2	45.2	357	1,717	1,626	7	33	32
Dry beans	495,897	370,717	390,229	390,229	74.8	78.7	78.7	1,562	6,637	6,249	8	34	32
Sugarbeets	71,989	70,981	70,981	70,981	98.6	98.6	98.6	1,629	3,824	3,188	46	108	90
Vegetables	147,715	105,971	105,971	105,971	71.7	71.7	71.7	2,989	3,532	4,050	56	67	76
Potatoes	46,382	40,890	40,890	40,890	87.7	87.7	87.7	1,557	2,729	2,893	77	134	142
Popcorn	5,405	4,751	4,751	4,751	87.9	87.9	87.9	68	85	85	29	36	36
Mint	6,241	6,163	6,163	6,163	98.8	98.8	98.8	93	171	242	30	55	95
Nursery and greenhouse	13,217	12,681	12,681	12,681	95.9	95.9	95.9	235	235	235	37	37	37
Small fruits	22,202	14,433	12,990	12,990	65.0	58.5	58.5	417	310	338	58	48	52
Tree fruits	201,197	127,555	102,044	102,044	63.4	50.7	50.7	3,563	2,584	2,584	56	51	51
Intertilled crops	3,194,874	2,584,244	2,581,963	2,581,963	80.9	80.8	80.8	36,056	55,839	51,991	28	43	40
Wheat	1,074,946	988,443	988,443	988,443	92.0	92.0	92.0	8,896	21,700	20,893	18	44	42
Rye	45,434	31,823	31,823	31,823	70.0	70.0	70.0	166	546	546	10	34	34
Buckwheat	6,917	4,012	4,012	4,012	58.0	58.0	58.0	19	69	69	9	34	34
Oats	852,432	626,282	895,847	685,002	73.5	81.6	80.3	4,265	12,799	12,454	14	37	36
Barley	82,037	56,748	63,054	62,697	69.2	76.9	76.4	431	1,157	1,139	15	37	36
Wild hay	9,074	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,070,840	1,707,288	1,783,179	1,771,977	82.4	86.1	85.6	13,777	36,271	35,101	16	41	40
Tame hay and cropland pasture	3,272,123	236,071	262,301	236,071	7.2	8.0	7.2	3,101	5,885	5,228	26	45	44
Miscellaneous	54,535	13,690	13,690	13,890	25.1	25.1	25.1	137	286	273	20	42	40
All cropland	8,592,372	4,541,293	4,641,133	4,603,701	52.9	54.0	53.6	53,071	98,281	92,593	23	42	40
Permanent pasture	692,618	24,421	21,709	21,709	3.5	2.0	2.0	296	512	465	24	47	43
Improved permanent pasture	56,032	24,421	21,709	21,709	43.6	38.7	38.7	296	512	465	24	47	43
Crop and pastureland	9,284,990	4,565,714	4,662,842	4,625,410	49.2	50.2	49.8	53,367	98,793	93,058	23	42	40
Nonfarm use	---	---	---	---	---	---	---	6,384	9,576	7,980	---	---	---
Total nutrients	---	---	---	---	---	---	---	59,751	108,369	101,038	---	---	---

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
MINNESOTA													
Corn	6,896,141	3,670,116	3,670,116	3,588,844	53.2	53.2	51.8	53,118	63,226	48,194	28	34	27
Soybeans	2,202,541	23,899	92,541	82,278	1.1	4.2	3.7	51	3,951	2,328	4	85	57
Dry beans	378	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	6,480	---	---	---	---	---	---	---	---	---	---	---	---
Sugarbeets	73,405	25,410	72,186	26,556	34.6	98.3	36.2	108	8,539	107	9	237	8
Vegetables	202,495	140,886	140,886	133,620	69.6	69.6	66.0	2,149	2,494	2,293	31	35	34
Potatoes	88,004	76,842	76,842	76,687	87.3	87.3	87.1	1,115	2,985	2,624	29	78	68
Nursery and greenhouse	3,024	3,006	3,006	3,006	99.4	99.4	99.4	104	104	104	69	69	69
Small fruits	1,088	132	132	132	12.1	12.1	12.1	1	1	1	15	15	15
Tree fruits	5,240	691	691	691	13.2	13.2	13.2	4	4	4	12	12	12
Intertilled crops	9,479,204	3,940,982	4,056,400	3,891,792	41.6	42.8	41.1	55,650	81,304	55,655	28	40	29
Wheat	946,673	530,216	530,216	80,454	56.0	56.0	8.4	3,984	9,580	443	15	36	15
Oats	3,568,372	458,304	458,304	128,814	12.8	12.8	3.6	3,151	3,413	1,004	5	15	16
Barley	952,118	503,363	503,363	35,101	52.9	52.9	3.7	1,511	2,220	172	6	9	10
Other small grain	508,529	92,195	92,195	9,249	18.2	18.2	1.8	213	882	51	5	19	11
Seed crops	79,471	---	36,171	36,171	---	45.5	45.5	---	605	412	---	33	23
Wild hay	518,482	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	6,571,645	1,584,078	1,620,249	289,789	24.1	24.7	4.1	8,859	16,700	2,082	9	21	15
Tame hay and cropland pasture	4,185,478	36,033	568,035	351,071	.9	13.6	8.4	278	11,924	7,081	15	42	40
Miscellaneous	5,518	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	20,241,845	5,561,093	6,244,684	4,512,852	27.5	30.6	22.3	62,787	109,928	64,818	23	35	29
Permanent pasture	2,169,898	42,606	37,061	37,061	2.0	1.7	1.7	385	703	537	18	38	29
Improved permanent pasture	152,959	42,606	37,061	37,061	27.9	24.2	24.2	385	703	537	18	38	29
Crop and pastureland	22,411,743	5,603,699	6,281,745	4,549,913	25.0	28.0	20.3	63,172	110,631	65,355	23	35	29
Nonfarm use	---	---	---	---	---	---	---	---	---	---	---	---	---
Total nutrients	---	---	---	---	---	---	---	63,172	110,631	65,355	---	---	---
MISSISSIPPI													
Corn	1,151,364	1,010,074	925,104	925,104	87.7	80.3	80.3	36,401	13,647	10,781	72	30	23
Sorghum	58,155	17,542	7,542	7,542	30.2	13.0	13.0	801	76	76	89	20	20
Soybeans	1,002,825	35,201	51,121	51,121	3.5	5.1	5.1	36	394	394	2	15	15
Cowpeas	16,942	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	4,334	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	1,274,878	1,249,854	774,483	774,483	97.9	52.5	52.5	62,572	14,885	15,405	87	38	40
Sugarcane	2,470	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	100,236	64,783	64,783	64,783	64.6	64.6	64.6	2,224	2,486	2,250	69	77	69
Potatoes	2,211	956	956	956	43.2	43.2	43.2	33	29	28	69	61	59
Sweetpotatoes	14,798	11,394	11,194	11,194	77.0	75.7	75.7	230	309	311	40	55	56
Nursery and greenhouse	1,883	1,811	1,811	1,811	96.2	96.2	96.2	55	73	73	61	81	81
Small fruits	221	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	101,408	46,181	46,181	46,181	45.5	45.5	45.5	1,628	692	1,388	71	30	60
Intertilled crops	2,951,221	2,631,996	1,883,175	1,883,175	89.0	63.9	63.9	103,580	32,591	30,706	79	35	33
Wheat	30,950	10,446	5,446	5,446	33.8	17.6	17.6	249	28	28	48	10	10
Rice	44,379	43,828	1,828	1,828	98.8	4.1	4.1	1,315	28	27	60	31	30
Oats	188,034	118,840	43,191	43,191	63.2	23.0	23.0	2,566	324	277	43	15	13
Close-growing crops	263,363	173,114	50,465	50,465	65.7	19.2	19.2	4,130	380	332	48	15	13
Tame hay and cropland pasture	2,158,594	403,725	403,388	403,388	18.7	18.8	18.8	2,012	6,750	4,693	10	37	26
Miscellaneous	82,737	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	5,270,441	3,208,825	2,297,028	2,297,028	51.2	36.6	36.6	109,722	39,721	35,731	68	35	31
Permanent pasture	3,180,563	29,686	264,937	264,937	.9	8.4	8.4	891	6,715	1,852	60	51	14
Improved permanent pasture	798,875	29,686	264,937	264,937	3.7	33.2	33.2	891	6,715	1,852	60	51	14
Crop and pastureland	9,431,004	3,238,521	2,561,965	2,561,965	34.3	27.2	27.2	110,613	46,436	37,583	68	36	29
Nonfarm use	---	---	---	---	---	---	---	3,363	2,092	1,634	---	---	---
Total nutrients	---	---	---	---	---	---	---	113,976	48,528	39,217	---	---	---
MISSOURI													
Corn	4,139,004	2,782,956	2,782,956	2,782,956	67.2	67.2	67.2	89,383	40,318	37,532	50	29	27
Sorghum	591,470	330,475	330,475	330,475	55.9	55.9	55.9	8,261	4,957	4,460	50	30	27
Soybeans	2,237,248	---	164,388	164,388	---	7.3	7.3	---	2,466	2,466	---	30	30
Cotton	405,552	330,057	330,057	330,057	81.4	81.4	81.4	8,252	8,251	8,252	50	50	50
Tobacco	2,874	2,874	2,874	2,874	100.0	100.0	100.0	29	72	86	20	50	60
Vegetables	87,741	51,580	51,580	51,580	58.8	58.8	58.8	1,715	1,753	1,715	66	68	66
Potatoes	3,227	2,258	2,258	2,258	70.0	70.0	70.0	51	68	85	45	60	75
Sweetpotatoes	850	850	850	850	100.0	100.0	100.0	34	23	23	80	54	54
Popcorn	5,938	5,344	5,344	5,344	90.0	90.0	90.0	187	134	107	70	50	40
Nursery and greenhouse	3,891	3,891	3,891	3,891	100.0	100.0	100.0	117	117	117	60	60	60
Small fruits	2,018	604	604	604	30.0	30.0	30.0	12	12	12	40	40	40
Tree fruits	26,165	7,849	7,849	7,849	30.0	30.0	30.0	113	39	39	29	10	10
Intertilled crops	7,505,978	3,518,738	3,683,126	3,683,126	46.9	49.1	49.1	88,154	58,210	54,894	50	32	30

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
MISSOURI--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	1,472,643	1,138,619	1,138,619	1,138,619	77.3	77.3	77.3	11,386	15,942	11,956	20	28	21
Rye	39,415	23,650	23,650	23,650	60.0	60.0	60.0	237	331	260	20	28	22
Oats	594,520	302,500	302,500	302,500	50.9	50.9	50.9	2,722	4,084	3,025	18	27	20
Barley	201,421	107,000	107,000	107,000	53.1	53.1	53.1	1,070	1,498	1,177	20	28	22
Wild hay	162,515	3,244	3,244	3,244	2.0	2.0	2.0	10	19	10	6	12	6
Close-growing crops	2,470,514	1,575,013	1,575,013	1,575,013	63.8	63.8	63.8	15,425	21,874	16,428	20	28	21
Tame hay and cropland pasture	7,012,720	517,765	517,765	517,765	7.4	7.4	7.4	4,919	7,766	5,178	19	30	20
Miscellaneous	33,232	2,007	2,007	2,007	3.3	3.3	3.3	6	12	6	6	12	6
All cropland	16,955,980	5,613,523	5,777,911	5,777,911	33.1	34.1	34.1	108,504	87,862	76,506	39	30	26
Permanent pasture	5,413,999	151,024	151,024	151,024	2.8	2.8	2.8	453	906	453	6	12	6
Improved permanent pasture	535,086	151,024	151,024	151,024	28.2	28.2	28.2	453	906	453	6	12	6
Crop and pastureland	22,369,979	5,764,547	5,928,935	5,928,935	25.8	26.5	26.5	108,957	88,768	76,959	38	30	26
Nonfarm use	---	---	---	---	---	---	---	1,950	2,120	1,700	---	---	---
Total nutrients	---	---	---	---	---	---	---	110,907	90,888	78,659	---	---	---
MONTANA													
Corn	109,898	20,230	16,498	---	18.4	15.0	---	193	232	---	19	28	---
Dry beans	12,913	---	2,165	---	---	16.8	---	---	33	---	---	30	---
Dry peas	1,131	---	380	---	---	33.6	---	---	3	---	---	16	---
Sugarbeets	55,963	54,333	54,333	2,076	97.1	97.1	3.7	1,091	1,916	19	40	71	18
Vegetables	7,207	2,700	2,700	815	37.5	37.5	11.3	28	46	14	21	34	34
Potatoes	7,498	4,996	4,996	1,350	66.6	66.6	18.0	80	163	40	32	65	59
Nursery and greenhouse	644	600	600	200	93.2	93.2	31.1	13	18	6	43	60	60
Small fruits	145	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	2,383	825	303	290	34.6	12.7	11.7	25	17	10	61	112	71
Intertilled crops	197,782	83,684	81,975	4,721	42.3	41.4	2.4	1,430	2,428	89	34	59	38
Wheat	3,731,894	254,819	787,204	---	6.8	21.1	---	1,452	5,590	---	11	14	---
Rye	19,605	---	---	---	---	---	---	---	---	---	---	---	---
Oats	231,277	13,350	10,343	---	5.8	4.5	---	82	156	---	12	30	---
Barley	1,742,576	101,798	229,976	---	5.8	13.2	---	485	1,677	---	10	15	---
Flaxseed	18,633	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	32,078	807	1,613	---	2.5	5.0	---	4	9	---	10	11	---
Mustard seed	40,536	3,025	6,050	---	7.5	14.9	---	12	39	---	8	13	---
Wild hay	536,529	7,179	1,395	---	1.3	.3	---	110	18	---	31	26	---
Close-growing crops	6,352,928	308,978	1,036,581	---	6.0	16.3	---	2,145	7,489	---	11	14	---
Tame hay and cropland pasture	2,592,168	133,674	120,823	---	5.2	4.7	---	1,163	2,280	---	17	38	---
Miscellaneous	46,764	5,830	5,745	239	12.5	12.3	.5	26	111	5	9	39	42
All cropland	9,189,642	604,166	1,245,124	4,960	6.6	13.5	.1	4,764	12,308	94	16	20	38
Permanent pasture	45,429,147	15,232	15,636	---	---	---	---	122	161	---	16	21	---
Improved permanent pasture	507,111	15,232	15,636	---	---	---	---	122	161	---	16	21	---
Crop and pastureland	54,618,789	619,398	1,260,760	4,960	1.1	2.3	---	4,886	12,469	94	16	20	38
Nonfarm use	---	---	---	---	---	---	---	201	276	70	---	---	---
Total nutrients	---	---	---	---	---	---	---	5,087	12,745	164	---	---	---
NEBRASKA													
Corn	6,693,922	2,623,549	1,047,477	134,232	39.2	15.6	2.0	94,533	15,466	1,204	72	30	18
Sorghum	1,546,985	275,391	86,318	10,338	17.8	5.6	.7	7,886	1,186	99	57	27	19
Soybeans	145,676	16,960	12,849	1,455	11.6	8.8	1.0	339	159	13	40	25	18
Dry beans	76,165	7,786	7,958	714	10.2	10.4	.9	274	172	6	70	43	17
Sugarbeets	63,437	53,029	44,400	4,693	83.6	70.0	7.4	1,512	1,103	43	57	50	18
Vegetables	16,160	5,401	2,831	195	33.4	17.5	1.2	133	50	2	49	35	21
Potatoes	13,711	6,120	3,704	412	44.6	27.0	3.0	178	83	4	58	45	19
Popcorn	11,309	6,981	2,917	316	61.7	25.8	2.8	254	46	3	73	32	19
Nursery and greenhouse	700	542	382	---	77.4	54.6	---	15	7	---	55	37	---
Small fruits	52	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	3,281	1,004	315	---	30.8	9.7	---	22	6	---	44	38	---
Intertilled crops	8,571,378	2,996,763	1,209,151	152,355	35.0	14.1	1.8	105,146	18,278	1,374	70	30	18
Wheat	2,993,879	492,616	191,651	22,048	16.5	6.4	.7	9,481	2,565	187	38	27	17
Rye	147,904	12,201	5,963	569	8.2	4.0	.4	205	72	5	34	24	18
Oats	1,259,059	156,200	96,483	12,353	12.4	7.7	1.0	2,846	1,514	115	36	31	19
Barley	307,576	26,271	12,939	1,141	8.5	4.2	.4	473	178	9	36	28	16
Safflower	24,937	390	236	---	1.6	.9	---	7	3	---	36	25	---
Wild hay	2,679,102	8,438	6,522	405	.3	.2	---	200	114	4	47	35	20
Close-growing crops	7,412,457	696,116	313,794	36,516	9.4	4.2	.5	13,212	4,446	320	38	28	18

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
NEBRASKA--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	3,380,694	67,027	92,544	11,084	2.0	2.7	0.3	1,497	1,690	191	45	37	18
Miscellaneous	78,965	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	19,441,494	3,759,906	1,615,489	199,935	19.3	8.3	1.0	119,855	24,414	1,795	64	30	18
Permanent pasture	22,774,210	27,094	26,784	3,145	.1	.1	---	634	427	31	47	32	20
Improved permanent pasture	362,110	27,094	26,784	3,145	7.5	7.4	.9	634	427	31	47	32	20
Crop and pastureland	42,215,704	3,787,000	1,642,273	203,080	9.0	3.9	.5	120,489	24,841	1,826	64	30	18
Nonfarm use	---	---	---	---	---	---	---	574	574	287	---	---	---
Total nutrients	---	---	---	---	---	---	---	121,063	25,415	2,113	---	---	---
NEVADA													
Corn	4,170	3,753	3,753	---	90.0	90.0	---	120	150	---	64	80	---
Dry beans	1	---	---	---	---	---	---	---	---	---	---	---	---
Sugarbeets	458	458	458	---	100.0	100.0	---	9	11	---	39	48	---
Vegetables	1,788	1,235	1,235	---	69.1	69.1	---	98	123	---	159	199	---
Potatoes	1,233	1,233	1,233	1,233	100.0	100.0	100.0	27	27	27	44	44	44
Nursery and greenhouse	194	194	194	---	100.0	100.0	---	6	8	---	62	82	---
Tree fruits	424	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	8,288	6,873	6,873	1,233	83.1	83.1	14.9	260	319	27	76	93	44
Wheat	19,984	15,321	15,321	---	76.7	76.7	---	290	300	---	38	39	---
Rye	164	---	---	---	---	---	---	---	---	---	---	---	---
Oats	2,320	1,392	1,392	---	60.0	60.0	---	33	42	---	47	60	---
Barley	11,835	5,526	5,526	---	46.7	46.7	---	145	181	---	52	66	---
Seed crops	1,016	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	102,893	1,795	1,795	---	1.7	1.7	---	14	18	---	16	20	---
Close-growing crops	138,212	24,034	24,034	---	17.4	17.4	---	482	543	---	40	45	---
Tame hay and cropland pasture	540,330	22,262	22,262	---	4.1	4.1	---	356	445	---	32	40	---
Miscellaneous	4,115	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	690,925	53,169	53,169	1,233	7.7	7.7	.2	1,098	1,305	27	41	49	44
Permanent pasture	9,519,528	1,052	1,052	---	---	---	---	17	21	---	32	40	---
Improved permanent pasture	252,957	1,052	1,052	---	.4	.4	---	17	21	---	32	40	---
Crop and pastureland	10,210,453	54,221	54,221	1,233	.5	.5	---	1,115	1,326	27	41	49	44
Nonfarm use	---	---	---	---	---	---	---	---	---	---	---	---	---
Total nutrients	---	---	---	---	---	---	---	---	---	---	---	---	---
NEW HAMPSHIRE													
Corn	9,725	8,695	8,695	8,695	89.4	89.4	89.4	194	406	286	45	93	66
Dry beans	61	25	25	25	41.0	41.0	41.0	1	1	1	80	80	80
Vegetables	6,866	3,869	3,869	3,869	56.4	56.4	56.4	79	122	99	41	63	51
Potatoes	1,620	1,268	1,268	1,268	78.3	78.3	78.3	77	154	154	121	243	24
Nursery and greenhouse	371	353	353	353	95.1	95.1	95.1	27	34	40	152	193	227
Small fruits	1,744	401	401	401	23.0	23.0	23.0	11	11	11	55	55	55
Tree fruits	7,296	3,283	2,250	2,250	45.0	30.8	30.8	96	49	49	60	44	44
Intertilled crops	27,683	17,894	16,861	16,861	64.6	60.9	60.9	487	777	640	54	92	76
Wheat	5	---	---	---	---	---	---	---	---	---	---	---	---
Rye	192	95	95	95	49.5	49.5	49.5	1	2	2	21	42	42
Oats	674	370	370	370	54.9	54.9	54.9	6	12	12	32	65	65
Close-growing crops	871	465	465	465	53.4	53.4	53.4	7	14	14	30	60	60
Tame hay and cropland pasture	252,975	45,000	51,000	48,000	17.8	20.2	19.0	936	1,430	1,336	42	56	56
Miscellaneous	1,451	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	280,378	63,359	68,326	65,326	22.6	24.4	23.3	1,430	2,221	1,990	45	65	61
Permanent pasture	56,401	3,500	4,400	4,000	6.2	7.8	7.1	82	164	164	47	75	82
Improved permanent pasture	5,432	3,500	4,400	4,000	64.4	81.0	73.6	82	164	164	47	75	82
Crop and pastureland	336,779	66,859	72,726	69,326	19.9	21.6	20.6	1,512	2,385	2,154	45	66	62
Nonfarm use	---	---	---	---	---	---	---	170	162	131	---	---	---
Total nutrients	---	---	---	---	---	---	---	1,682	2,547	2,285	---	---	---

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
NEW JERSEY	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Corn	141,066	122,822	122,822	122,822	87.1	87.1	87.1	3,378	3,378	2,816	55	55	46
Soybeans	36,929	18,465	18,465	18,465	50.0	50.0	50.0	231	692	692	25	75	75
Vegetables	130,614	120,828	120,828	120,828	92.5	92.5	92.5	5,672	9,267	8,408	94	153	139
Potatoes	18,854	18,838	18,838	18,838	99.9	99.9	99.9	1,777	1,766	1,647	125	187	175
Sweetpotatoes	14,122	13,416	13,416	13,416	95.0	95.0	95.0	335	1,005	1,274	50	150	190
Nursery and greenhouse	12,558	10,047	10,047	10,047	80.0	80.0	80.0	502	502	502	100	100	100
Small fruits	12,107	6,054	6,054	6,054	50.0	50.0	50.0	151	151	198	50	50	33
Tree fruits	25,560	21,726	21,726	21,726	85.0	85.0	85.0	577	597	597	55	55	55
Intertilled crops	391,810	332,196	332,196	332,196	84.8	84.8	84.8	12,043	17,358	16,056	73	105	97
Wheat	42,567	36,578	36,578	36,578	85.9	85.9	85.9	457	914	856	25	50	47
Rye	8,921	3,122	3,122	3,122	35.0	35.0	35.0	39	78	78	25	50	50
Oats	22,173	9,978	9,978	9,978	45.0	45.0	45.0	125	250	231	25	50	46
Barley	21,354	11,531	11,531	11,531	54.0	54.0	54.0	173	260	245	30	45	42
Close-growing crops	95,015	61,209	61,209	61,209	64.4	64.4	64.4	794	1,502	1,410	26	49	46
Tame hay and cropland pasture	324,710	96,277	96,617	96,617	29.5	29.8	29.8	1,271	5,813	5,084	33	79	105
Miscellaneous	24,717	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	786,818	489,682	490,022	490,022	59.7	62.3	62.3	14,108	22,673	22,550	60	93	92
Permanent pasture	81,641	22,754	21,816	21,816	27.9	26.5	26.5	398	796	702	35	74	65
Improved permanent pasture	24,440	22,754	21,816	21,816	93.2	88.5	88.5	398	796	702	35	74	65
Crop and pastureland	868,459	492,436	511,838	511,838	56.7	58.9	58.9	14,506	23,469	23,252	59	92	91
Nonfarm use	---	---	---	---	---	---	---	2,500	2,500	1,600	---	---	---
Total nutrients	---	---	---	---	---	---	---	17,006	25,969	24,852	---	---	---
NEW MEXICO													
Corn	40,252	7,138	760	---	21.0	1.2	---	80	8	---	22	2	---
Sorghums	284,540	45,801	1,215	---	16.1	4.3	---	1,249	12	---	55	20	---
Broomcorn	38,700	1,243	1,304	433	3.1	3.5	.9	16	15	3	28	23	18
Dry beans	16,002	592	867	---	4.2	6.0	---	12	39	---	41	90	---
Peanuts	3,422	2,287	2,268	1,859	66.8	66.3	17.0	184	108	34	161	95	64
Cotton	189,092	11,192	75,600	600	78.9	40.0	.3	4,872	1,814	6	85	43	20
Vegetables	14,537	7,652	7,652	1,758	52.6	52.6	9.3	258	424	95	67	111	52
Potatoes	1,890	454	461	271	24.0	24.4	14.3	31	34	18	137	148	118
Sweetpotatoes	1,145	428	396	52	37.3	34.4	3.9	82	62	6	402	313	231
Nursery and greenhouse	368	269	269	---	73.5	73.5	---	17	32	---	126	238	---
Small fruits	8	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	13,874	4,375	6,553	489	31.5	47.2	3.6	216	333	14	87	120	58
Intertilled crops	596,139	219,801	97,345	4,158	36.9	16.3	.7	7,017	2,743	114	64	56	55
Wheat	227,868	15,767	8,086	---	7.4	3.5	---	375	427	---	48	32	---
Rye	1,570	---	---	---	---	---	---	---	---	---	---	---	---
Oats	4,944	378	345	---	10.8	7.8	---	13	2	---	27	12	---
Barley	28,888	10,133	6,880	---	35.1	23.8	---	319	193	---	63	56	---
Wild hay	14,804	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	278,079	26,278	16,285	---	10.0	5.7	---	707	422	---	53	42	---
Tame hay and cropland pasture	647,791	16,509	84,344	3,185	1.6	13.0	.5	86	5,232	31	16	124	19
Miscellaneous	76,681	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	1,549,550	262,588	196,974	7,343	16.6	12.7	.5	7,810	8,295	145	61	84	40
Permanent pasture	39,332,858	1,466	938	---	.004	.002	---	55	10	---	75	21	---
Improved permanent pasture	509,635	1,466	938	---	.3	.2	---	55	10	---	75	21	---
Crop and pastureland	40,882,408	258,750	197,912	7,343	.6	.5	---	7,865	8,305	145	61	84	40
Nonfarm use	---	---	---	---	---	---	---	6	3	---	---	---	---
Total nutrients	---	---	---	---	---	---	---	7,871	8,308	145	---	---	---
NEW YORK													
Corn	622,964	567,113	574,205	569,941	91.0	92.2	91.5	10,924	14,057	10,493	39	49	37
Soybeans	4,508	3,868	3,935	3,910	85.8	87.3	86.7	39	99	92	20	50	47
Dry beans	86,104	74,043	75,297	74,798	86.0	87.4	86.9	727	1,880	1,767	20	50	47
Vegetables	190,013	160,286	160,286	160,286	84.4	84.4	84.4	6,800	9,904	9,138	85	124	114
Potatoes	84,277	79,301	79,301	79,301	94.1	94.1	94.1	4,758	9,517	9,517	120	240	240
Nursery and greenhouse	18,046	16,242	16,242	16,242	90.0	90.0	90.0	1,738	1,738	1,738	214	214	214
Small fruits	5,226	4,181	972	4,181	80.0	18.6	80.0	115	15	176	55	31	84
Tree fruits	155,384	124,308	23,310	31,076	80.0	15.0	20.0	1,821	122	292	29	10	19
Intertilled crops	1,186,522	1,029,342	933,548	939,735	88.2	80.0	80.6	26,922	37,332	33,213	52	80	71

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
NEW YORK--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	241,986	221,436	224,955	224,192	91.5	93.0	92.2	2,197	4,431	3,779	21	39	34
Rye	12,914	5,000	5,101	5,041	38.7	39.5	39.0	55	105	89	22	41	35
Buckwheat	17,870	9,426	11,031	9,881	52.7	61.7	55.3	79	173	122	17	31	25
Oats	612,833	422,868	441,996	437,567	69.0	72.1	71.4	4,683	9,457	7,827	21	41	36
Barley	24,883	18,864	19,459	19,301	75.8	78.2	77.6	191	383	328	20	39	34
Seed crops	12,464	6,265	11,217	9,907	50.3	90.0	79.5	90	283	240	29	50	49
Close-growing crops	922,950	683,859	713,759	704,789	74.1	77.3	76.4	7,235	14,532	12,779	21	41	35
Tame hay and cropland pasture	4,247,551	491,901	353,952	341,350	4.5	8.3	8.0	3,084	14,134	7,779	32	63	50
Miscellaneous	57,521	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	6,329,302	1,905,102	2,001,259	1,955,874	30.1	31.6	30.9	37,241	62,998	53,371	39	63	55
Permanent pasture	2,465,934	28,570	49,611	38,830	1.2	2.0	1.6	406	1,155	824	28	47	42
Improved permanent pasture	218,063	28,570	49,011	38,830	13.1	22.5	17.8	406	1,155	824	28	47	42
Crop and pastureland	8,795,436	1,933,672	2,050,270	1,994,704	22.0	23.3	22.7	37,647	64,153	54,195	39	63	54
Nonfarm use	---	---	---	---	---	---	---	8,624	8,614	4,018	---	---	---
Total nutrients	---	---	---	---	---	---	---	46,271	72,767	58,213	---	---	---
NORTH CAROLINA													
Corn	1,812,458	1,733,298	1,733,298	1,733,298	95.6	95.6	95.6	73,338	32,695	38,220	85	38	44
Sorghum	92,593	82,289	79,518	79,518	88.9	85.9	85.9	1,888	1,132	1,292	43	30	30
Soybeans	468,670	15,365	175,588	211,858	3.3	37.5	45.2	22	1,801	3,861	3	21	36
Cowpeas	25,810	1,183	11,457	13,867	4.6	44.4	53.7	1	125	240	2	22	35
Peanuts	187,042	8,324	108,578	187,042	4.5	58.0	100.0	8	1,899	5,588	2	35	60
Cotton	320,846	277,861	348,597	268,737	99.2	91.9	93.7	7,238	8,383	9,332	38	48	52
Tobacco	450,070	449,956	449,956	449,956	100.0	100.0	100.0	12,747	42,702	38,005	57	145	169
Vegetables	195,393	188,815	188,815	188,815	96.6	96.6	96.6	5,442	7,934	7,933	58	84	84
Potatoes	22,986	22,597	22,597	22,597	98.3	98.3	98.3	1,614	2,082	1,926	143	183	170
Sweetpotatoes	25,711	25,658	25,658	25,658	99.8	99.8	99.8	992	710	1,405	70	55	110
Nursery and greenhouse	6,208	6,208	6,208	6,208	100.0	100.0	100.0	279	232	232	90	75	75
Small fruits	4,550	4,124	3,859	3,859	90.6	84.8	84.8	205	87	87	99	45	45
Tree fruits	38,115	32,610	19,103	19,103	85.6	50.1	50.1	757	239	239	46	25	25
Intertilled crops	3,690,432	2,948,273	3,173,232	3,278,598	79.9	86.0	88.8	104,817	98,830	109,259	71	67	66
Wheat	368,034	358,155	292,949	292,949	97.3	79.6	79.6	8,784	4,781	4,711	38	30	32
Rye	18,284	6,103	3,527	3,527	33.4	19.3	19.3	95	26	32	25	15	18
Oats	276,178	269,379	230,158	230,158	97.5	83.3	83.3	5,184	3,833	3,813	38	32	33
Barley	60,312	58,897	46,319	46,319	97.6	76.8	76.8	1,143	750	781	39	32	34
Close-growing crops	722,808	692,524	572,953	572,953	95.8	79.3	79.3	15,166	8,790	9,337	38	31	33
Tame hay and cropland pasture	1,285,580	444,943	444,943	444,943	34.6	34.6	34.6	445	12,146	14,441	2	55	65
Miscellaneous	147,785	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	5,551,035	4,085,740	4,291,128	4,296,482	73.6	75.5	77.4	118,428	119,966	132,037	58	53	61
Permanent pasture	1,040,187	218,678	218,678	218,678	21.0	21.0	21.0	220	5,936	7,055	2	54	65
Improved permanent pasture	483,721	218,678	218,678	218,678	45.2	45.2	45.2	220	5,936	7,055	2	54	65
Crop and pastureland	6,591,222	4,304,418	4,509,806	4,515,160	65.3	68.4	68.5	118,648	118,304	129,092	55	53	62
Nonfarm use	---	---	---	---	---	---	---	10,787	9,648	8,433	---	---	---
Total nutrients	---	---	---	---	---	---	---	129,435	128,552	137,525	---	---	---
NORTH DAKOTA													
Corn	1,309,856	280,691	280,691	4,000	21.4	21.4	.3	1,699	3,216	18	12	23	9
Sorghum	9,729	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	208,805	5,581	5,581	---	---	2.7	---	20	88	---	7	32	---
Dry beans	2,672	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	5,287	---	---	---	---	---	---	---	---	---	---	---	---
Sugarbeets	38,133	38,133	38,133	5,400	55.0	100.0	14.2	202	1,373	93	10	72	12
Vegetables	8,148	---	---	---	---	---	---	---	---	---	---	---	---
Potatoes	100,065	80,790	84,395	74,330	80.7	84.3	74.3	4,705	1,823	747	42	43	20
Intertilled crops	1,880,585	388,058	408,800	83,730	23.1	24.3	5.0	6,817	6,500	798	19	32	19
Wheat	6,433,860	1,739,859	2,711,759	61,400	27.0	42.1	1.0	8,150	29,582	301	9	22	10
Rye	192,587	3,070	4,148	---	1.6	2.2	---	12	48	---	8	23	---
Oats	1,599,908	284,865	295,881	---	17.8	18.5	---	983	2,282	---	7	15	---
Barley	3,762,165	1,513,554	1,568,841	119,870	40.2	41.6	3.2	8,202	12,205	709	11	16	12
Flax	1,740,810	56,784	56,784	---	3.3	3.3	---	234	456	---	9	16	---
Proso millet	58,198	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	19,571	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	1,924,743	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	15,729,840	3,598,072	4,835,413	181,070	22.9	29.5	1.2	17,561	44,573	1,010	10	19	11

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
NORTH DAKOTA--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	2,663,713	21,303	46,684	---	0.8	1.8	---	202	887	---	19	38	---
Miscellaneous	47,400	4,686	4,686	---	14.1	14.1	---	19	56	---	8	24	---
All cropland	20,121,338	4,012,119	5,095,563	264,800	19.9	25.3	1.3	21,369	52,016	1,808	11	20	14
Permanent pasture	11,155,479	4,856	---	---	.04	---	---	97	---	---	40	---	---
Improved permanent pasture	120,873	4,856	---	---	4.0	---	---	97	---	---	40	---	---
Crop and pastureland	31,276,817	4,016,975	5,095,563	264,800	12.8	16.3	.8	21,466	52,016	1,808	11	20	14
Nonfarm use	---	---	---	---	---	---	---	---	---	---	---	---	---
Total nutrients	---	---	---	---	---	---	---	21,466	52,016	1,808	---	---	---
OHIO													
Corn	3,588,809	3,405,334	3,405,334	3,405,334	94.9	94.9	94.9	52,800	83,139	69,102	31	49	41
Soybeans	1,432,577	236,877	296,096	296,096	16.5	20.7	20.7	900	4,430	3,700	8	30	25
Tobacco	12,453	12,453	12,453	12,453	100.0	100.0	100.0	430	870	1,300	69	140	209
Sugarbeets	21,136	21,136	21,136	21,136	100.0	100.0	100.0	590	635	635	56	60	60
Vegetables	119,265	67,000	67,000	67,000	56.2	56.2	56.2	2,605	2,605	2,605	78	78	78
Potatoes	14,706	11,741	11,741	11,741	79.8	79.8	79.8	178	705	705	30	120	120
Sweetpotatoes	99	99	99	99	100.0	100.0	100.0	1	5	5	20	101	101
Popcorn	14,739	14,000	14,000	14,000	95.0	95.0	95.0	210	335	220	30	48	31
Nursery and greenhouse	15,743	14,100	14,100	14,100	89.6	89.6	89.6	700	700	700	99	99	99
Small fruits	2,220	1,665	1,665	333	75.0	75.0	15.0	41	41	1	49	49	6
Tree fruits	50,126	19,975	19,975	19,975	39.8	39.8	39.8	400	50	49	40	5	5
Intertilled crops	5,271,673	3,804,380	3,863,599	3,862,267	72.2	73.3	73.3	58,855	93,515	79,022	31	48	41
Wheat	1,226,283	1,199,535	1,199,535	1,199,535	97.8	97.8	97.8	10,850	20,000	17,400	18	33	29
Rye	23,115	13,870	13,870	13,870	60.0	60.0	60.0	70	280	140	10	40	20
Buckwheat	2,307	1,150	1,150	1,150	49.8	49.8	49.8	1	6	6	2	10	10
Oats	1,064,074	767,264	767,264	767,264	72.1	72.1	72.1	5,370	12,670	11,670	14	33	30
Barley	56,351	50,720	50,719	50,719	90.0	90.0	90.0	310	895	861	12	35	34
Close-growing crops	2,372,130	2,032,539	2,032,538	2,032,538	85.7	85.7	85.7	16,601	33,851	30,077	16	33	30
Tame hay and cropland pasture	3,526,736	22,344	279,306	273,720	.6	7.9	7.8	550	8,501	8,398	49	61	61
Miscellaneous	127,687	37,330	37,330	37,330	29.2	29.2	29.2	190	600	600	10	32	32
All cropland	11,298,225	5,896,593	6,212,773	6,205,855	52.2	55.0	54.9	76,196	136,487	118,097	26	44	38
Permanent pasture	2,350,983	42,922	77,260	77,260	1.8	3.3	3.3	1,300	1,930	1,900	61	50	49
Improved permanent pasture	332,683	42,922	77,260	77,260	12.9	23.2	23.2	1,300	1,930	1,900	61	50	49
Crop and pastureland	13,649,208	5,939,515	6,290,033	6,283,115	43.5	46.1	46.0	77,496	138,397	119,997	26	44	38
Nonfarm use	---	---	---	---	---	---	---	6,440	15,005	14,572	---	---	---
Total nutrients	---	---	---	---	---	---	---	83,936	153,402	134,569	---	---	---
OKLAHOMA													
Corn	212,425	79,800	76,193	60,064	37.6	35.9	28.3	878	1,228	427	22	32	14
Sorghum	1,152,455	121,725	125,060	58,575	10.6	10.9	5.1	877	1,434	271	14	23	9
Broomcorn	46,457	10,677	11,774	8,677	23.0	25.3	18.7	85	114	43	16	19	10
Soybeans	91,057	16,200	50,346	28,203	17.8	55.3	31.0	81	766	196	10	30	14
Cowpeas and mung beans	76,429	2,328	5,893	5,126	3.0	7.7	6.7	8	84	28	7	29	11
Peanuts	103,485	15,100	37,937	27,083	14.6	36.7	26.2	145	579	258	19	31	19
Cotton	807,751	145,285	182,843	115,749	23.9	26.8	19.0	1,161	2,287	666	16	28	12
Vegetables	82,034	26,198	23,682	23,432	42.2	38.2	37.8	275	451	214	21	38	18
Potatoes and sweetpotatoes	2,880	1,689	1,428	1,081	58.6	49.6	37.5	19	27	11	22	38	20
Nursery and greenhouse	2,644	2,440	2,444	2,440	92.3	92.4	92.3	98	100	47	80	82	39
Fruits	37,431	4,427	5,110	4,343	11.8	13.7	11.6	58	61	21	26	24	10
Intertilled crops	2,395,048	425,869	502,710	334,773	17.8	21.0	14.0	3,685	7,131	2,182	17	28	13
Wheat	4,291,723	571,244	884,289	136,500	13.3	20.6	3.2	4,466	9,621	734	16	22	11
Rye	60,211	2,075	3,230	1,300	3.4	5.4	2.2	13	30	7	13	19	11
Oats	499,601	106,837	153,692	76,250	21.4	30.8	15.3	801	1,570	394	15	20	10
Barley	611,262	32,742	59,228	15,375	5.4	9.7	2.5	222	574	78	14	19	10
Wild hay	366,035	17,333	20,400	14,057	4.7	5.6	3.8	122	246	82	14	24	12
Close-growing crops	5,828,832	730,231	1,120,839	243,482	12.5	19.2	4.2	5,624	12,041	1,295	15	21	11
Tame hay and cropland pasture	3,189,984	225,127	307,585	206,024	7.1	9.6	6.5	1,579	5,597	1,318	14	36	13
Miscellaneous	6,177	1,679	3,761	756	11.9	26.6	5.3	10	33	3	12	18	8
All cropland	11,407,687	1,382,906	1,934,895	785,035	12.1	17.0	6.9	10,898	24,802	4,798	16	26	12
Permanent pasture	16,403,424	128,817	144,688	108,015	.8	.9	.7	1,015	2,080	768	16	29	14
Improved permanent pasture	1,182,012	128,817	144,688	108,015	10.9	12.2	9.1	1,015	2,080	768	16	29	14
Crop and pastureland	27,811,111	1,511,723	2,079,583	893,050	5.4	7.5	3.2	11,913	26,882	5,566	16	26	12
Nonfarm use	---	---	---	---	---	---	---	1,235	881	371	---	---	---
Total nutrients	---	---	---	---	---	---	---	13,148	27,763	5,937	---	---	---

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
OREGON	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Corn	51,798	46,195	46,195	7,747	89.2	89.2	15.0	2,297	1,035	182	99	45	42
Dry peas	15,584	446	359	---	2.9	2.3	---	11	5	---	49	28	---
Sugarbeets	20,567	17,154	17,154	2,075	83.4	83.4	10.1	1,167	601	62	136	70	60
Vegetables	114,301	79,358	52,411	22,846	69.4	45.9	20.0	2,576	1,902	884	65	73	77
Potatoes	34,319	30,691	30,607	11,829	89.4	89.2	34.4	2,224	1,782	367	145	116	62
Hops	5,465	4,989	4,989	2,833	91.3	91.3	51.8	191	104	84	77	42	59
Mint	15,274	14,352	10,720	6,885	94.0	70.2	45.1	885	361	227	123	67	66
Nursery and greenhouse	11,878	11,652	11,498	5,677	98.1	96.8	95.6	270	367	175	46	64	62
Small fruits	13,654	10,140	10,133	7,066	74.3	74.2	51.8	107	255	203	21	50	57
Tree fruits	99,338	76,104	3,333	184	76.6	3.4	.2	2,417	59	5	64	35	54
Intertilled crops	382,178	291,081	187,399	67,142	76.2	49.0	17.6	12,145	6,471	2,169	83	69	65
Wheat	781,444	449,874	47,874	---	57.6	6.1	---	10,024	689	---	45	29	---
Rye	18,440	---	---	---	---	---	---	---	---	---	---	---	---
Oats	147,365	79,433	7,493	772	53.9	5.1	.5	1,674	130	15	42	35	39
Barley	501,905	276,066	47,928	660	55.0	9.5	.1	5,367	710	15	39	30	45
Wild hay	237,935	12,889	11,889	295	5.4	5.0	.1	365	329	6	57	55	41
Close-growing crops	1,887,089	818,262	115,184	1,727	48.5	6.8	.1	17,430	1,858	36	43	32	42
Tame hay and cropland pasture	1,698,185	201,389	118,586	21,315	11.9	7.0	1.3	5,779	3,030	488	57	51	46
Miscellaneous	365,499	203,099	52,397	96,728	55.6	14.3	26.5	5,084	1,457	964	50	56	20
All cropland	4,132,951	1,513,831	473,546	186,912	36.6	11.5	4.5	40,418	12,816	3,657	53	54	39
Permanent pasture	11,752,382	47,515	31,354	1,362	.4	.3	---	864	797	35	36	51	51
Improved permanent pasture	455,191	41,411	31,354	1,362	9.1	6.9	.3	864	797	35	36	51	51
Crop and pastureland	15,885,333	1,561,346	504,900	188,274	9.8	3.2	1.2	41,282	13,613	3,692	53	54	39
Nonfarm use	---	---	---	---	---	---	---	407	274	151	---	---	---
Total nutrients	---	---	---	---	---	---	---	41,689	13,887	3,843	---	---	---
PENNSYLVANIA													
Corn	1,133,612	1,049,244	1,049,244	1,049,244	92.6	92.6	92.6	20,564	21,930	19,500	39	42	37
Soybeans	27,781	16,668	16,668	16,668	60.0	60.0	60.0	39	175	134	5	21	16
Tobacco	30,318	30,318	30,318	30,318	100.0	100.0	100.0	251	495	733	17	33	48
Vegetables	106,725	90,237	90,237	90,237	84.6	84.6	84.6	3,096	5,085	4,017	69	113	89
Potatoes	38,863	34,734	34,734	34,734	89.4	89.4	89.4	1,250	2,725	2,567	72	157	148
Sweetpotatoes	641	641	641	641	100.0	100.0	100.0	10	33	33	31	103	103
Nursery and greenhouse	20,392	11,216	11,216	11,216	55.0	55.0	55.0	95	168	168	17	30	30
Small fruits	2,527	2,527	2,527	2,527	100.0	100.0	100.0	32	19	19	25	15	15
Tree fruits	94,461	51,954	51,954	51,954	55.0	55.0	55.0	649	390	390	25	15	15
Intertilled crops	1,455,320	1,287,539	1,287,539	1,287,539	88.5	88.5	88.5	25,986	31,020	27,561	40	48	43
Wheat	501,008	468,466	468,466	468,466	93.5	93.5	93.5	3,344	6,711	6,749	14	29	29
Rye	16,545	11,581	11,581	11,581	70.0	70.0	70.0	58	145	87	10	25	15
Buckwheat	13,934	6,270	6,270	6,270	45.0	45.0	45.0	16	42	26	6	13	8
Oats	630,551	453,996	453,996	453,996	72.0	72.0	72.0	3,405	6,810	6,810	15	30	30
Barley	133,134	93,193	93,193	93,193	70.0	70.0	70.0	660	1,320	1,320	14	28	28
Close-growing crops	1,295,172	1,033,506	1,033,506	1,033,506	79.8	79.8	79.8	7,483	15,028	14,992	15	29	29
Tame hay and cropland pasture	3,005,619	539,053	539,053	539,053	17.9	17.9	17.9	2,480	17,196	17,196	9	64	64
Miscellaneous	-24,013	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	5,732,098	2,860,098	2,860,098	2,860,098	49.9	49.9	49.9	35,949	63,244	59,749	25	44	42
Permanent pasture	1,545,907	117,265	117,265	117,265	7.6	7.6	7.6	1,173	2,345	2,345	20	40	40
Improved permanent pasture	253,639	117,265	117,265	117,265	46.2	46.2	46.2	1,173	2,345	2,345	20	40	40
Crop and pastureland	7,278,005	2,977,363	2,977,363	2,977,363	40.9	40.9	40.9	37,122	65,589	62,094	25	44	42
Nonfarm use	---	---	---	---	---	---	---	3,535	15,549	10,312	---	---	---
Total nutrients	---	---	---	---	---	---	---	40,657	81,138	72,406	---	---	---
PUERTO RICO (Commonwealth)													
Corn	15,875	500	500	500	3.1	3.1	3.1	16	8	10	64	32	40
Pigeon peas and beans	17,444	2,000	2,000	2,000	11.5	11.5	11.5	34	22	48	34	22	48
Tobacco	17,309	17,309	17,309	17,309	100.0	100.0	100.0	713	640	928	82	74	107
Sugarcane	320,919	320,919	260,919	260,919	100.0	81.3	81.3	27,275	7,489	18,256	170	57	140
Coffee	182,392	50,876	50,876	50,876	27.9	27.9	27.9	1,259	1,035	1,041	49	41	41
Bananas	34,348	5,000	5,000	5,000	14.6	14.6	14.6	162	80	100	65	32	40
Pineapples	4,026	4,026	4,026	4,026	100.0	100.0	100.0	311	80	256	154	40	127
Plantains	15,705	15,705	15,705	15,705	100.0	100.0	100.0	648	740	900	83	94	115
Tree fruits	16,000	3,000	3,000	3,000	18.7	18.7	18.7	97	50	60	65	33	40
Intertilled crops	624,018	419,335	359,335	359,335	---	---	---	30,515	10,144	21,599	---	---	---

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
PUERTO RICO (Commonwealth)--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Root crops	25,861	16,000	16,000	16,000	61.9	61.9	61.9	376	429	503	47	54	63
Close-growing crops	25,861	16,000	16,000	16,000	61.9	61.9	61.9	376	429	503	47	54	63
Tame hay and cropland pasture	27,800	27,800	20,800	20,800	100.0	74.8	74.8	1,330	391	405	96	38	39
Miscellaneous	---	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	677,679	463,135	396,135	396,135	68.3	58.5	58.5	32,221	10,964	22,507	139	55	114
Permanent pasture	159,440	50,000	43,000	43,000	31.4	27.0	27.0	1,330	491	505	53	23	23
Improved permanent pasture	159,440	50,000	43,000	43,000	31.4	27.0	27.0	1,330	491	505	53	23	23
Crop and pastureland	837,119	513,135	439,135	439,135	61.3	52.5	52.5	33,551	11,455	23,012	131	52	105
Nonfarm use	---	---	---	---	---	---	---	1,800	447	---	---	---	---
Total nutrients	---	---	---	---	---	---	---	35,351	11,902	23,012	---	---	---
RHODE ISLAND													
Corn	4,552	3,650	3,650	3,650	80.2	80.2	80.2	72	144	144	39	79	79
Vegetables	2,053	2,053	2,053	2,053	100.0	100.0	100.0	103	206	206	100	201	201
Potatoes	4,898	4,898	4,898	4,898	100.0	100.0	100.0	314	471	471	128	192	192
Nursery and greenhouse	2,195	2,195	2,195	2,195	100.0	100.0	100.0	110	110	110	100	100	100
Small fruits	50	50	50	50	100.0	100.0	100.0	2	1	1	80	40	40
Tree fruits	1,106	1,106	1,106	1,106	100.0	100.0	100.0	46	28	28	83	51	51
Intertilled crops	14,854	13,952	13,952	13,952	93.9	93.9	93.9	647	960	960	93	138	138
Wheat	60	60	60	60	100.0	100.0	100.0	1	2	2	33	67	67
Rye	416	416	416	416	100.0	100.0	100.0	5	10	10	24	48	48
Oats	92	92	92	92	100.0	100.0	100.0	1	2	2	22	43	43
Close-growing crops	568	568	568	568	100.0	100.0	00.0	7	14	14	25	49	49
Tame hay and cropland pasture	34,849	21,000	21,000	21,000	60.3	60.3	60.3	262	524	524	25	50	50
Miscellaneous	-1,290	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	48,981	35,520	35,520	35,520	72.5	72.5	72.5	916	1,498	1,498	52	84	84
Permanent pasture	10,144	1,200	1,200	1,200	11.8	11.8	11.8	30	30	30	50	50	50
Improved permanent pasture	1,464	1,200	1,200	1,200	82.0	82.0	82.0	30	30	30	50	50	50
Crop and pastureland	59,125	36,720	36,720	36,720	62.1	62.1	62.1	946	1,528	1,528	52	83	83
Nonfarm use	---	---	---	---	---	---	---	240	180	180	---	---	---
Total nutrients	---	---	---	---	---	---	---	1,186	1,708	1,708	---	---	---
SOUTH CAROLINA													
Corn	776,624	737,970	735,600	739,292	95.0	94.7	94.9	23,916	15,554	17,841	65	42	48
Sorghum	35,688	20,901	17,750	17,750	58.6	49.7	49.7	405	338	381	39	38	43
Soybeans	418,742	104,500	216,583	216,856	25.0	51.7	51.8	995	2,609	3,798	19	24	35
Cowpeas and velvet beans	98,143	---	5,061	4,977	---	5.2	5.1	---	53	58	---	21	23
Peanuts	11,762	3,356	6,825	6,890	28.5	58.0	58.6	80	191	214	48	56	62
Cotton	547,195	533,217	529,600	531,902	97.4	96.8	97.2	11,502	16,670	16,941	43	63	64
Tobacco	78,181	78,181	78,181	78,181	100.0	100.0	100.0	3,156	6,090	7,145	81	156	183
Sugarcane	329	245	245	209	74.5	74.5	63.5	7	4	3	57	33	29
Vegetables	99,262	93,413	93,413	93,413	94.1	94.1	94.1	2,499	4,549	3,649	54	97	78
Potatoes	4,353	4,340	4,340	4,340	99.7	99.7	99.7	226	444	317	104	205	146
Sweetpotatoes	11,953	11,718	11,718	9,394	98.0	98.0	78.6	182	430	450	31	73	96
Nursery and greenhouse	2,009	1,249	1,249	1,249	62.2	62.2	62.2	17	48	48	27	77	77
Small fruits and tree fruits	89,485	31,600	34,839	34,299	45.5	50.1	49.4	393	622	735	25	36	43
Intertilled crops	2,153,726	1,620,690	1,735,404	1,736,854	75.3	80.6	80.6	43,378	47,602	51,580	54	55	59
Wheat	158,254	134,826	131,000	131,500	85.2	82.8	83.1	3,047	1,725	2,849	45	26	43
Rye	17,848	12,427	12,110	12,110	69.6	67.9	67.9	358	176	305	58	29	50
Oats	336,076	236,520	222,000	222,500	70.4	66.1	66.2	6,245	3,266	5,197	53	29	47
Barley	34,189	23,839	22,865	22,865	69.7	66.9	66.9	564	315	467	47	28	41
Close-growing crops	546,367	407,612	387,975	388,975	74.6	71.0	71.2	10,214	5,482	8,618	50	28	45
Tame hay and cropland pasture	907,095	336,554	333,582	320,554	37.1	36.8	35.3	10,259	8,246	9,166	61	49	57
Miscellaneous	-236,383	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	3,370,805	2,364,856	2,456,961	2,446,383	70.2	72.9	72.6	63,851	61,330	69,564	54	50	57
Permanent pasture	446,019	138,000	132,200	134,500	30.9	29.6	30.2	3,794	2,887	3,267	55	44	49
Improved permanent pasture	175,568	138,000	132,200	134,500	78.6	75.3	76.6	3,794	2,884	3,263	55	44	49
Crop and pastureland	3,816,824	2,502,856	2,589,161	2,580,883	65.6	67.8	67.6	67,645	64,217	72,831	54	50	56
Nonfarm use	---	---	---	---	---	---	---	3,551	3,291	3,795	---	---	---
Total nutrients	---	---	---	---	---	---	---	71,196	67,508	76,626	---	---	---

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
SOUTH DAKOTA	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Corn	4,100,384	380,475	345,315	93,154	9.3	8.4	2.3	5,525	3,703	171	29	21	4
Sorghum	277,316	16,446	10,260	1,000	5.9	3.7	.4	178	69	10	22	13	20
Soybeans	130,607	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	1,475	---	---	---	---	---	---	---	---	---	---	---	---
Sugarbeets	6,028	6,028	6,028	---	100.0	100.0	---	202	184	---	67	61	---
Vegetables	7,191	3,154	3,139	2,821	43.9	43.6	36.7	40	35	26	25	22	20
Potatoes	5,858	1,848	1,848	871	31.5	31.5	14.9	18	35	10	19	38	23
Nursery and greenhouse	179	127	---	---	70.9	---	---	2	---	---	31	---	---
Small fruits	36	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	718	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	4,529,789	408,078	366,590	97,666	9.0	8.1	2.2	5,965	4,025	217	29	22	4
Wheat	1,874,834	108,384	110,864	---	5.8	5.9	---	983	1,069	---	11	19	---
Oats	2,016,493	96,038	83,725	---	4.8	4.2	---	581	500	---	12	12	---
Barley	428,820	22,249	18,816	---	5.2	4.4	---	145	117	---	13	12	---
Other small grain	684,611	7,030	7,530	---	1.0	1.1	---	62	59	---	18	16	---
Seed crops	30,570	8,400	1,535	400	27.5	5.0	5.0	78	19	5	19	25	25
Wild hay	1,958,812	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	6,994,140	242,101	222,470	400	3.5	3.2	---	1,449	1,764	5	12	16	25
Tame hay and cropland pasture	3,884,286	6,900	75,685	---	.2	1.9	---	102	1,745	---	30	46	---
Miscellaneous	17,726	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	15,425,941	657,079	664,745	98,066	4.3	4.3	.6	7,516	7,534	222	23	23	5
Permanent pasture	23,557,042	9,782	---	---	---	---	---	198	---	---	40	---	---
Improved permanent pasture	199,948	9,782	---	---	4.9	---	---	198	---	---	40	---	---
Crop and pastureland	38,982,983	666,861	664,745	98,066	1.7	1.7	.3	7,714	7,534	222	23	23	5
Nonfarm use	---	---	---	---	---	---	---	14	14	7	---	---	---
Total nutrients	---	---	---	---	---	---	---	7,728	7,548	229	---	---	---
TENNESSEE													
Corn	1,416,688	1,133,817	1,084,447	1,121,474	80.0	76.6	79.2	20,182	17,513	17,732	36	32	32
Sorghum	69,717	22,927	22,507	22,717	32.9	32.3	32.6	162	288	293	14	26	24
Soybeans	411,021	80,485	115,615	115,615	19.6	28.1	28.1	331	1,946	1,952	8	34	34
Cowpeas	14,129	2,350	2,440	2,440	16.6	17.2	17.2	8	22	20	7	18	16
Cotton	519,143	453,071	452,148	453,071	87.3	87.1	87.3	11,773	9,771	11,073	52	43	49
Tobacco	74,594	72,472	72,240	72,472	97.2	96.8	97.2	2,700	5,202	5,594	75	144	154
Vegetables	142,377	55,239	55,239	55,239	41.7	41.7	41.7	886	1,416	1,235	32	51	45
Potatoes	6,352	5,281	5,281	5,281	83.1	83.1	83.1	90	188	145	34	64	55
Sweetpotatoes	6,940	6,270	6,270	6,270	90.3	90.3	90.3	118	173	170	38	55	54
Popcorn	2,031	1,408	1,408	1,408	69.3	69.3	69.3	7	16	15	10	23	21
Nursery and greenhouse	8,084	6,035	6,035	6,035	74.7	74.7	74.7	64	116	92	21	38	30
Small fruits	7,129	2,675	2,675	2,675	37.5	37.5	37.5	23	40	33	17	30	25
Tree fruits	14,833	4,275	4,275	4,275	29.2	29.2	29.2	31	63	46	15	29	22
Intertilled crops	2,682,858	1,846,305	1,830,576	1,868,972	68.8	68.2	69.7	36,375	36,738	38,280	39	40	41
Wheat	156,768	125,292	120,807	121,928	79.9	77.1	77.8	1,786	1,868	1,640	29	31	27
Rye	10,178	4,595	4,295	4,370	45.1	42.2	42.9	53	49	47	23	23	22
Oats	126,210	72,475	69,575	70,300	57.4	55.1	55.7	993	1,096	881	27	32	25
Barley	43,958	23,435	21,535	22,010	53.3	49.0	50.1	331	275	254	28	26	23
Close-growing crops	337,112	225,797	216,212	218,608	67.0	64.1	64.8	3,163	3,288	2,822	28	30	26
Tame hay and cropland pasture	4,411,325	426,704	581,058	590,453	9.7	13.2	13.4	6,927	12,866	13,639	32	44	46
Miscellaneous	9,854	5,583	5,583	5,583	36.7	36.7	36.7	38	100	70	14	36	25
All cropland	7,421,441	2,504,389	2,633,431	2,683,616	33.7	35.5	36.2	46,503	52,990	54,911	37	40	41
Permanent pasture	1,484,776	100,647	145,654	146,412	6.8	9.8	9.9	1,234	3,245	3,365	25	45	46
Improved permanent pasture	272,329	98,174	142,301	133,233	36.0	52.5	48.9	1,213	3,186	3,310	25	45	50
Crop and pastureland	8,906,217	2,605,036	2,779,085	2,830,028	29.2	31.2	31.8	47,737	56,235	58,276	37	40	41
Nonfarm use	---	---	---	---	---	---	---	6,245	8,003	7,225	---	---	---
Total nutrients	---	---	---	---	---	---	---	53,982	64,238	65,501	---	---	---
TEXAS													
Corn	1,416,000	372,670	348,953	183,662	26.3	24.6	13.0	7,028	5,985	2,088	38	34	23
Sorghum	7,587,634	1,382,122	425,318	103,943	18.2	5.6	1.4	46,445	6,790	1,033	67	32	20
Broomcorn	27,721	12,000	12,000	---	43.3	43.3	---	90	90	---	15	15	---
Soybeans	59,631	12,810	48,379	700	21.5	81.1	1.2	124	717	12	19	30	34
Cowpeas	112,563	18,400	32,020	13,900	16.3	28.4	12.3	147	452	82	16	28	12
Peanuts	249,532	117,460	117,460	117,460	47.1	47.1	47.1	899	1,775	958	15	30	16
Cotton	6,133,378	1,518,458	872,184	236,753	24.8	14.2	3.9	52,331	18,250	2,252	69	42	19
Vegetables	416,533	288,009	286,487	123,516	69.1	68.8	29.7	7,604	8,179	1,882	53	57	30

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
TEXAS--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Potatoes	21,791	17,878	17,878	17,030	82.0	82.0	78.1	562	515	215	63	58	25
Sweetpotatoes	20,205	17,700	17,700	17,700	87.6	87.6	87.6	190	380	380	21	43	43
Nursery and greenhouse	15,514	3,180	3,180	---	20.5	20.5	---	16	32	---	10	20	---
Fruits	176,579	59,511	18,380	18,380	33.9	10.5	10.5	1,340	219	148	45	24	16
Intertilled crops	16,236,081	3,820,198	2,299,959	833,044	23.5	13.5	5.1	116,776	43,484	9,050	61	40	22
Wheat	3,028,628	488,204	135,309	4,147	16.1	4.5	.1	17,730	1,949	48	73	29	23
Rye	18,922	984	443	133	5.2	2.3	1.0	24	11	2	49	50	22
Rice	429,780	387,350	387,350	95,122	90.1	90.1	22.1	9,845	7,222	1,751	51	37	37
Oats	860,967	110,326	102,115	21,520	12.8	11.9	2.5	1,826	1,455	245	33	28	23
Barley	266,767	24,879	12,236	805	9.3	4.6	.3	550	192	9	44	31	22
Flax	40,299	3,600	3,600	---	8.9	8.9	---	27	36	---	15	20	---
Wild hay	305,813	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	4,951,175	1,015,343	641,053	121,727	20.5	12.9	2.5	30,002	10,885	2,455	59	34	34
Tame hay and cropland pasture	8,914,943	789,136	780,895	379,695	8.9	8.8	4.3	13,105	14,597	4,173	33	37	22
Miscellaneous	-63,566	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	30,038,633	5,624,677	3,821,887	1,334,516	18.7	12.1	4.4	159,883	68,946	15,278	57	38	23
Permanent pasture	31,494,929	452,233	448,814	177,922	.5	.5	.2	7,171	8,535	3,452	32	38	39
Improved permanent pasture	7,120,644	452,233	448,814	177,922	6.4	6.3	2.5	7,171	8,535	3,452	32	38	39
Crop and pastureland	21,534,582	5,076,910	4,070,701	1,512,438	5.0	3.3	1.2	167,054	77,481	18,730	55	38	25
Nonfarm use	---	---	---	---	---	---	---	---	---	---	---	---	---
Total nutrients	---	---	---	---	---	---	---	---	---	---	---	---	---
UTAH													
Corn	44,530	20,568	---	---	46.2	---	---	617	---	---	60	---	---
Dry beans	5,033	---	---	---	---	---	---	---	---	---	---	---	---
Sugarbeets	30,185	27,317	27,317	224	90.5	90.5	.7	1,384	1,096	13	101	80	116
Vegetables	19,197	12,409	12,409	1,209	64.9	64.9	6.3	226	368	40	40	59	66
Potatoes	7,816	5,851	5,851	127	74.8	74.8	1.6	193	216	7	66	74	110
Nursery and greenhouse	309	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits and tree fruits	13,085	6,545	6,545	---	50.0	50.0	---	125	95	---	38	29	---
Intertilled crops	120,131	72,690	52,122	1,556	60.5	43.4	1.3	2,565	1,775	60	71	68	77
Wheat	226,234	25,922	---	---	11.5	---	---	518	---	---	40	---	---
Rye	1,280	---	---	---	---	---	---	---	---	---	---	---	---
Oats	19,040	1,000	250	---	5.3	1.3	---	15	5	---	30	40	---
Barley	144,390	26,951	764	---	18.7	.5	---	534	13	---	40	34	---
Wild hay	63,467	1,200	1,000	---	1.9	1.6	---	18	15	---	30	30	---
Close-growing crops	454,477	55,073	2,013	---	12.1	.4	---	1,085	33	---	39	33	---
Tame hay and cropland pasture	876,395	18,705	61,504	---	2.1	7.2	---	326	2,336	---	35	74	---
Miscellaneous	22,428	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	1,473,431	146,468	117,639	1,556	9.9	8.0	.1	3,976	4,144	60	54	70	77
Permanent pasture	9,216,784	5,706	5,706	---	.1	.1	---	114	165	---	40	58	---
Improved permanent pasture	276,128	5,706	5,706	---	2.1	2.1	---	114	165	---	40	58	---
Crop and pastureland	10,690,215	152,174	123,345	1,556	1.4	1.2	.1	4,090	4,309	60	54	70	77
Nonfarm use	---	---	---	---	---	---	---	239	360	119	---	---	---
Total nutrients	---	---	---	---	---	---	---	4,329	4,669	179	---	---	---
VERMONT													
Corn	46,694	39,542	39,542	39,542	84.7	84.7	84.7	692	1,383	1,241	35	70	63
Dry beans	61	21	21	21	95.5	95.5	95.5	1	1	1	95	95	95
Vegetables	5,338	3,036	3,257	3,136	56.9	61.0	58.7	47	77	67	31	47	43
Potatoes	2,216	1,802	1,802	1,802	81.3	81.3	81.3	113	170	185	125	189	205
Nursery and greenhouse	400	380	380	380	95.0	95.0	95.0	30	37	43	158	195	226
Small fruits	190	67	67	67	35.3	35.3	35.3	2	2	2	60	60	60
Tree fruits	4,874	3,217	2,500	2,500	66.0	51.3	51.3	96	48	48	60	38	38
Intertilled crops	59,773	48,065	47,569	47,448	80.4	79.6	79.4	981	1,718	1,587	41	72	67
Wheat	781	693	693	693	88.7	88.7	88.7	5	12	10	14	35	29
Rye	86	48	71	48	55.8	82.6	55.8	1	2	1	42	56	42
Oats	16,478	12,448	12,448	12,448	75.4	75.4	75.4	111	242	232	18	39	37
Close-growing crops	17,345	13,189	13,212	13,189	76.0	76.2	76.0	117	256	243	18	39	37
Tame hay and cropland pasture	870,566	150,000	204,000	200,000	17.2	23.4	23.0	1,321	5,977	4,085	18	59	41
Miscellaneous	-3,933	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	943,751	211,254	264,781	260,637	22.4	28.1	27.6	2,419	7,951	5,915	23	60	45
Permanent pasture	521,097	24,000	26,000	24,000	4.6	5.0	4.6	185	490	405	15	38	34
Improved permanent pasture	53,526	24,000	26,000	24,000	44.8	48.6	44.8	185	490	405	15	38	34
Crop and pastureland	1,464,848	235,254	290,781	284,637	16.1	19.9	19.4	2,604	8,441	6,320	22	58	44

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Table 1.--Fertilizer use on all crops, by States, 1969--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
VERMONT--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Nonfarm use	---	---	---	---	---	---	---	109	104	83	---	---	---
Total nutrients	---	---	---	---	---	---	---	2,713	8,545	6,403	---	---	---
VIRGINIA													
Corn	727,616	673,438	673,438	673,438	92.6	92.6	92.6	15,888	19,084	19,881	47	57	59
Sorghum	15,851	11,577	11,577	11,577	73.0	73.0	73.0	312	416	411	54	72	71
Soybeans	299,322	111,935	121,222	121,222	37.4	40.5	40.5	571	3,036	3,763	10	50	62
Cowpeas	2,027	304	582	582	15	28.7	28.7	---	28	23	3	97	78
Peanuts	100,284	69,708	70,052	70,052	69.5	69.9	69.9	330	1,682	3,640	9	48	104
Cotton	15,155	12,271	12,271	12,271	81.0	81.0	81.0	245	491	491	40	80	80
Tobacco	86,247	84,649	84,649	84,649	98.1	98.1	98.1	2,590	5,639	6,654	61	133	157
Vegetables	131,781	93,005	93,005	93,005	70.6	70.6	70.6	2,711	4,859	3,518	58	104	76
Potatoes	24,743	23,053	23,053	23,053	93.2	93.2	93.2	1,089	1,516	1,508	94	131	131
Sweetpotatoes	17,547	8,776	8,776	8,776	50.0	50.0	50.0	135	407	541	31	93	123
Nursery and greenhouse	8,611	6,883	6,883	6,883	79.9	79.9	79.9	223	468	259	65	136	75
Small fruits	1,987	1,345	1,345	1,345	67.7	67.7	67.7	55	77	55	81	114	82
Tree fruits	65,077	36,007	36,007	36,007	55.3	55.3	55.3	1,306	1,521	1,166	73	84	65
Intertilled crops	1,496,248	1,132,951	1,142,860	1,142,860	75.7	76.4	76.4	25,455	39,224	41,910	45	69	73
Wheat	253,987	235,313	235,313	235,313	92.6	92.6	92.6	3,410	5,149	5,290	29	44	45
Rye	18,858	5,978	5,978	5,978	31.7	31.7	31.7	84	182	145	28	54	48
Oats	102,193	70,563	70,563	70,563	69.0	69.0	69.0	1,306	2,375	2,347	37	67	67
Barley	105,157	65,087	65,087	65,087	61.9	61.9	61.9	1,030	2,288	2,136	32	70	66
Close-growing crops	480,195	376,941	376,941	376,941	78.5	78.5	78.5	5,830	9,974	9,918	31	53	53
Tame hay and cropland pasture	2,112,449	485,797	485,797	485,797	23.0	23.0	23.0	2,083	19,327	19,609	9	80	81
Miscellaneous	-136,109	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	3,952,783	1,995,609	2,005,598	2,005,598	50.5	50.7	50.7	33,368	68,525	71,437	33	68	71
Permanent pasture	2,551,194	220,950	230,271	230,271	8.7	9.0	9.0	1,727	5,195	5,195	16	45	45
Improved permanent pasture	654,509	220,950	230,271	230,271	33.8	35.2	35.2	1,727	5,195	5,195	16	45	45
Crop and pastureland	6,503,977	2,216,559	2,235,869	2,235,869	34.1	34.4	34.4	35,095	73,720	76,632	32	66	69
Nonfarm use	---	---	---	---	---	---	---	346	698	642	---	---	---
Total nutrients	---	---	---	---	---	---	---	35,441	74,418	77,274	---	---	---
WASHINGTON													
Corn	87,983	63,300	72,460	72,130	71.9	82.4	82.0	4,973	1,368	439	157	38	12
Dry beans	54,651	49,452	49,352	24,076	90.5	90.3	44.1	1,641	340	42	66	14	3
Dry peas	178,467	6,600	5,500	450	3.7	3.1	.3	112	133	9	34	48	40
Sugarbeets	33,032	31,399	29,689	27,589	95.1	89.9	83.5	3,138	1,024	147	200	69	11
Vegetables	120,574	77,500	55,500	53,500	64.3	46.0	44.4	2,702	3,184	1,623	70	115	61
Potatoes	30,358	27,350	27,040	26,840	90.1	89.1	88.4	1,972	1,235	818	144	91	61
Hops	18,444	13,130	13,130	13,089	71.2	71.2	71.0	655	497	132	100	76	20
Mint	18,988	14,503	14,503	14,503	76.4	76.4	76.4	1,406	552	121	194	76	17
Nursery and greenhouse	6,259	5,835	5,835	3,925	93.2	93.2	62.7	155	294	124	53	101	63
Small fruits	11,955	8,195	8,200	8,100	68.5	68.6	67.8	88	406	130	21	99	32
Tree fruits	132,351	93,300	2,500	1,040	70.5	1.9	.8	3,039	56	13	65	45	25
Intertilled crops	693,062	390,564	283,709	245,242	56.4	40.9	35.4	19,881	9,089	3,598	102	64	29
Wheat	1,912,606	1,072,783	10,957	3,964	56.1	.6	.2	30,717	163	56	57	30	28
Rye	114,842	2,900	---	---	2.5	---	---	32	---	---	22	---	---
Oats	136,782	33,345	12,813	1,000	38.4	9.4	.7	545	105	16	33	16	32
Barley	673,778	324,335	5,633	2,808	48.1	.8	.4	7,559	85	39	47	30	28
Wild hay	39,828	2,400	905	860	6.0	2.3	2.2	29	7	6	24	15	14
Close-growing crops	2,877,836	1,435,763	30,308	8,632	49.9	1.1	.3	38,882	360	117	54	24	27
Tame hay and cropland pasture	1,576,156	217,861	225,794	128,181	13.8	14.3	8.1	4,354	7,024	2,813	40	62	44
Miscellaneous	32,704	16,064	4,070	400	33.8	8.6	.8	439	122	8	55	60	40
All cropland	5,179,758	2,060,252	543,881	382,455	39.8	10.5	7.4	63,556	16,595	6,536	62	61	34
Permanent pasture	6,089,681	17,363	26,052	17,452	.3	.4	.3	574	781	397	66	60	45
Improved permanent pasture	154,722	17,363	26,052	17,452	11.2	16.8	11.3	574	781	397	66	60	45
Crop and pastureland	11,269,439	2,077,615	569,933	399,907	18.4	5.1	3.5	64,130	17,376	6,933	62	61	35
Nonfarm use	---	---	---	---	---	---	---	609	252	135	---	---	---
Total nutrients	---	---	---	---	---	---	---	64,739	17,628	7,088	---	---	---

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
WEST VIRGINIA	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Corn	119,017	75,066	75,066	75,066	63.1	63.1	63.1	1,088	1,773	1,484	29	47	40
Soybeans	3,540	124	1,239	1,239	3.5	35.0	35.0	1	16	15	24	26	24
Tobacco	2,009	1,788	1,788	1,788	88.9	88.9	88.9	80	137	125	89	153	140
Vegetables	44,105	7,428	7,428	7,428	16.8	16.8	16.8	181	243	254	49	65	68
Potatoes	6,206	2,860	2,860	2,860	46.1	46.1	46.1	100	124	137	70	87	96
Sweetpotatoes	211	156	158	158	73.9	74.9	74.9	3	4	4	38	51	51
Nursery and greenhouse	1,033	620	155	155	60.0	15.0	15.0	32	3	3	103	39	39
Small fruits	523	262	131	131	50.1	25.0	25.0	7	1	2	53	27	31
Tree fruits	38,969	11,691	2,923	2,923	30.0	7.5	7.5	263	29	32	45	20	22
Intertilled crops	215,613	99,995	91,748	91,748	46.4	42.6	42.6	1,755	2,330	2,056	35	51	45
Wheat	22,516	19,861	19,861	19,861	88.2	88.2	88.2	209	487	318	21	49	32
Rye	846	102	102	102	12.1	12.1	12.1	1	2	1	20	39	20
Buckwheat	1,325	530	530	530	40.0	40.0	40.0	3	8	5	11	30	19
Oats	24,918	16,728	16,728	16,728	67.1	67.1	67.1	159	435	284	19	52	34
Barley	9,184	6,704	6,704	6,704	73.0	73.0	73.0	59	164	107	18	49	32
Close-growing crops	58,789	43,925	43,925	43,925	74.7	74.7	74.7	431	1,096	715	20	50	33
Tame hay and cropland pasture	1,121,066	58,214	104,786	104,786	5.2	9.3	9.3	802	3,982	3,016	28	76	58
Miscellaneous	-3,297	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	1,392,171	202,134	240,459	240,459	14.5	17.2	17.2	2,988	7,408	5,787	30	62	48
Permanent pasture	1,686,036	18,560	46,400	23,200	1.1	2.8	1.4	288	1,389	638	31	59	55
Improved permanent pasture	269,280	18,560	46,400	23,200	6.9	17.2	8.6	288	1,389	638	31	59	55
Crop and pastureland	3,078,207	220,694	286,859	263,659	7.2	9.3	8.6	3,276	8,797	6,425	30	61	49
Nonfarm use	---	---	---	---	---	---	---	411	1,028	775	---	---	---
Total nutrients	---	---	---	---	---	---	---	3,687	9,805	7,200	---	---	---
WISCONSIN													
Corn	2,823,000	2,447,119	2,447,119	2,447,119	86.7	86.7	86.7	20,328	42,595	41,795	17	35	34
Soybeans	96,978	19,441	19,785	19,785	20.0	20.4	20.4	24	166	510	2	17	52
Dry beans	428	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	675	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	14,284	10,064	10,064	10,064	70.5	70.5	70.5	433	100	804	86	20	120
Sugarbeets	[illegible]	6,672	6,672	6,672	90.0	90.0	90.0	167	200	200	50	60	60
Vegetables	288,254	163,426	163,426	163,426	57.1	57.1	57.1	2,109	4,725	4,790	26	58	59
Potatoes	48,588	41,577	41,577	41,577	85.6	85.6	85.6	1,939	3,166	3,911	93	152	188
Nursery and greenhouse	2,196	1,400	1,400	1,400	63.8	63.8	63.8	40	36	35	57	51	50
Small fruits	8,462	1,500	1,500	1,500	23.2	23.2	23.2	17	6	15	20	8	20
Tree fruits	25,643	16,100	16,100	16,100	62.8	62.8	62.8	177	62	177	22	8	22
Intertilled crops	3,321,287	2,707,299	2,707,643	2,707,643	81.7	81.8	81.8	25,232	51,056	52,037	19	38	38
Wheat	59,393	32,892	32,892	32,892	55.4	55.4	55.4	162	325	975	10	20	59
Rye	25,736	8,600	8,600	8,600	33.4	33.4	33.4	43	86	258	10	20	60
Buckwheat	6,483	---	---	---	---	---	---	---	---	---	---	---	---
Oats	2,384,071	803,363	803,363	803,363	33.7	33.7	33.7	895	11,635	27,097	2	29	67
Barley	39,071	18,600	18,600	18,600	47.6	47.6	47.6	92	185	555	10	20	60
Flax	2,424	500	500	500	20.6	20.6	20.6	2	5	15	8	20	60
Grass seed	32,731	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	30,626	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,580,535	863,955	863,955	863,955	33.5	33.5	33.5	1,194	12,236	28,900	3	28	67
Tame hay and cropland pasture	5,759,162	375,378	375,378	375,378	6.5	6.5	6.5	68	5,058	15,035	---	27	80
Miscellaneous	-22,210	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	11,629,374	3,946,632	3,946,976	3,946,976	33.9	33.9	33.9	26,494	68,350	95,972	13	35	49
Permanent pasture	1,983,677	43,204	43,204	43,204	2.2	2.2	2.2	900	600	600	42	28	28
Improved permanent pasture	165,927	43,204	43,204	43,204	26.0	26.0	26.0	900	600	600	42	28	28
Crop and pastureland	13,613,051	3,989,836	3,990,180	3,990,180	29.3	29.3	29.3	27,394	68,950	96,572	14	35	48
Nonfarm use	---	---	---	---	---	---	---	1,580	1,862	1,372	---	---	---
Total nutrients	---	---	---	---	---	---	---	28,974	70,812	97,944	---	---	---
WYOMING													
Corn	58,192	17,753	---	---	30.5	---	---	620	---	---	70	---	---
Sorghum	3,008	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	72,965	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	464	---	---	---	---	---	---	---	---	---	---	---	---
Sugarbeets	38,085	31,429	31,429	730	82.5	82.5	1.9	936	1,008	22	60	64	60
Vegetables	4,165	---	---	---	---	---	---	---	---	---	---	---	---
Potatoes	3,934	2,113	2,113	467	53.7	53.7	11.9	46	45	14	44	43	60
Nursery and greenhouse	952	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	4	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	276	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	182,045	51,295	33,542	1,197	28.2	18.4	.7	1,602	1,053	36	41	63	60

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Table 1.--Fertilizer use on all crops, by States, 1959--Continued

State and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
WYOMING--Continued	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	242,816	6,349	---	---	2.6	---	---	136	---	---	43	---	---
Oats	92,575	18,919	---	---	20.4	---	---	495	---	---	52	---	---
Barley	107,886	19,173	---	---	17.8	---	---	496	---	---	52	---	---
Other small grain	6,163	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	339,628	1,624	---	---	.5	---	---	57	---	---	70	---	---
Close-growing crops	789,068	46,065	---	---	5.8	---	---	1,184	---	---	51	---	---
Tame hay and cropland pasture	1,831,283	5,050	59,179	---	.3	3.2	---	201	2,421	---	80	82	---
Miscellaneous	11,266	---	---	---	---	---	---	---	---	---	---	---	---
All cropland	2,813,682	102,410	92,721	1,197	3.6	3.3	---	2,987	3,474	36	.58	75	60
Permanent pasture	31,798,718	3,913	---	---	---	---	---	206	---	---	105	---	---
Improved permanent pasture	418,145	3,913	---	---	.9	---	---	206	---	---	105	---	---
Crop and pastureland	34,612,380	106,323	92,721	1,197	.3	.2	---	3,193	3,474	36	60	75	60
Nonfarm use	---	---	---	---	---	---	---	88	118	24	---	---	---
Total nutrients	---	---	---	---	---	---	---	3,281	3,592	60	---	---	---
UNITED STATES AND PUERTO RICO													
Corn	79,637,654	48,498,098	48,888,795	41,748,307	60.9	58.6	52.4	1,001,333	874,352	763,820	41	37	37
Sorghum	17,895,678	3,657,363	2,081,150	980,170	20.4	11.6	5.4	98,774	27,838	11,060	54	27	23
Broomcorn	157,750	23,820	25,078	9,010	15.1	15.9	5.7	191	219	46	16	17	10
Soybeans	22,635,186	1,710,750	3,484,385	3,376,900	7.5	15.4	14.9	7,326	60,816	63,543	9	35	38
Dry beans	1,408,528	559,415	602,699	505,885	39.7	42.8	35.9	4,501	11,001	8,483	23	36	33
Dry peas	339,989	7,046	11,239	450	2.1	3.3	.1	123	231	9	35	25	40
Pigeon peas and beans	17,444	2,000	2,000	2,000	11.5	11.5	11.5	34	22	48	34	22	48
Velvet beans	11,825	---	2,952	2,952	---	25.0	25.0	---	26	29	---	18	20
Cowpeas	488,121	71,331	104,677	88,108	14.6	21.4	18.1	351	1,408	1,112	10	10	25
Peanuts	1,427,236	629,636	908,933	955,399	44.1	63.7	66.9	3,660	15,367	22,332	12	34	47
Cotton	14,747,778	9,263,050	6,809,798	5,719,945	62.8	46.2	38.8	315,858	135,052	141,107	68	46	49
Tobacco	1,125,260	1,115,367	1,114,913	1,115,145	99.1	99.1	99.1	41,981	80,719	101,070	75	145	181
Sugarbeets	907,130	778,420	741,302	177,198	85.8	81.7	19.5	35,470	35,023	4,667	91	94	53
Sugarcane	764,307	816,961	562,585	558,239	106.9	73.6	73.0	59,744	18,027	43,180	146	64	155
Vegetables	5,016,928	3,727,088	3,619,970	3,033,694	74.3	72.2	60.5	134,455	164,463	123,914	72	91	82
Potatoes	1,235,097	1,081,471	1,054,186	833,528	87.6	85.4	67.5	53,289	69,573	58,847	99	132	141
Sweetpotatoes	221,017	168,569	169,408	165,884	76.3	76.6	75.1	3,612	5,839	7,133	43	69	86
Taro (wetland)	401	800	800	800	199.5	199.5	199.5	20	40	40	50	100	100
Taro (dryland)	59	59	59	59	100.0	100.0	100.0	2	5	5	68	169	169
Popcorn	122,237	86,388	85,708	75,643	70.7	70.1	61.9	1,578	1,747	1,547	37	41	41
Hops	23,909	18,119	18,119	15,922	75.8	75.8	66.6	846	801	216	93	66	27
Mint	43,394	44,224	40,592	38,752	88.5	81.2	73.5	2,430	1,259	815	110	62	44
Coffee	490,149	58,592	58,542	58,592	30.8	30.8	30.8	2,426	1,714	1,816	83	59	96
Bananas	34,348	5,000	5,000	5,000	14.6	14.6	14.6	162	80	100	65	32	40
Plantain	15,705	15,705	15,705	15,705	100.0	100.0	100.0	648	740	900	83	94	115
Pineapples	48,378	46,794	46,794	46,794	96.7	96.7	96.7	8,726	2,218	4,532	287	95	194
Nursery and greenhouse	324,342	232,117	228,609	207,360	70.5	68.8	63.0	12,984	13,420	11,139	112	118	107
Small fruits	198,247	129,368	104,930	94,003	65.2	52.8	47.4	5,645	3,620	2,728	87	69	58
Tree fruits	2,035,518	2,922,359	1,831,184	1,580,219	71.4	39.8	38.6	137,146	48,706	90,682	94	60	102
Intertilled crops	151,145,209	75,669,606	70,217,822	61,389,368	49.4	45.9	40.1	1,933,315	1,594,130	1,455,898	51	45	47
Wheat	49,503,235	16,436,007	15,435,466	8,179,169	33.2	31.3	16.5	218,048	228,024	137,439	26	29	34
Rye	1,222,387	204,537	193,448	170,991	16.7	15.8	14.0	2,217	2,894	2,597	22	30	30
Rice	1,613,399	1,435,828	959,042	619,445	92.7	54.4	38.4	39,962	14,955	10,584	53	31	34
Buckwheat	49,799	21,964	23,569	22,419	44.1	47.3	45.0	121	307	234	11	26	21
Oats	26,582,400	9,578,383	9,291,620	5,872,725	28.5	27.4	20.9	70,592	112,913	104,274	19	31	36
Barley	14,190,008	4,992,318	3,911,099	965,194	35.2	27.6	6.8	74,398	43,686	13,626	30	22	28
Flax	1,795,058	82,056	82,056	1,026	4.5	4.5	---	237	508	16	8	16	31
Flaxseed	54,901	28,533	28,199	---	52.0	51.4	---	2,303	1,098	---	147	78	---
Proso	136,171	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	193,872	104,494	7,627	---	54.0	3.9	---	3,794	91	---	73	24	---
Soil improvement crops	16,866	1,050	735	---	6.2	4.4	---	21	9	---	40	24	---
Other field crops	12,300	600	9,000	---	5.0	75.0	---	12	315	---	40	70	---
Root and grain crops	196,972	113,565	113,565	113,565	57.7	57.7	57.7	2,850	1,957	2,107	47	34	37
Other small grain	1,200,082	101,984	102,284	12,008	8.5	8.5	1.0	331	1,001	109	6	20	17
Oat and pea silage	5,714	5,714	5,714	5,714	100.0	100.0	100.0	176	207	93	61	72	32
Seed crops	155,118	29,570	56,848	48,293	19.1	36.6	31.1	973	1,091	691	66	38	29
Alfalfa seed	132,614	1,056	27,456	57	.8	20.8	---	23	1,069	1	43	78	35
Grass seed	32,731	---	---	---	---	---	---	---	---	---	---	---	---
Mustard seed	40,536	3,025	6,050	---	7.5	14.9	---	12	39	---	8	13	---
Seeds	46,901	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	10,468,734	60,471	48,519	28,861	.6	.4	.2	987	774	108	33	32	11
Close-growing crops	107,899,214	31,248,743	28,342,595	16,029,447	29.0	26.3	14.9	418,816	410,915	271,870	27	29	34
Tame hay and cropland pasture	119,756,293	9,778,702	12,479,504	9,709,672	8.2	10.4	8.1	131,190	304,959	234,367	28	49	48
Miscellaneous	272,800	126,379	163,002	166,781	22.1	11.0	11.3	6,569	3,398	2,109	40	42	25
All cropland	380,327,916	117,023,430	111,202,923	87,275,268	30.8	29.2	22.9	2,491,710	2,313,391	1,964,242	42	42	45
Permanent pasture	464,575,106	4,123,663	4,507,384	3,843,357	.9	1.0	.8	55,250	84,280	64,473	27	37	34
Improved permanent pasture	24,051,920	4,109,223	4,508,302	1,826,649	17.1	18.7	15.9	55,162	84,191	64,387	27	37	34
Crop and pastureland	844,903,022	121,147,293	115,710,307	91,118,625	14.3	13.7	10.8	2,546,960	2,397,671	2,028,715	42	41	44
Nonfarm use	---	---	---	---	---	---	---	130,273	150,480	128,026	---	---	---
Total nutrients	---	---	---	---	---	---	---	2,677,233	2,548,151	2,156,741	---	---	---

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Table 2.--Fertilizer use on irrigated crops and pasture, by States, 1959

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ALABAMA														
Corn	3,681	0.2	3,681	3,681	3,681	100.0	100.0	100.0	147	73	73	80	40	40
Cotton	9,246	1.2	9,246	9,246	9,246	100.0	100.0	100.0	369	351	351	80	76	76
Other intertilled crops	6,707	1.1	6,535	6,535	6,535	97.4	97.4	97.4	470	470	470	144	144	144
Intertilled crops	19,634	.6	19,462	19,462	19,462	99.1	99.1	99.1	986	894	894	101	92	92
Permanent open pasture	5,065	.6	5,065	5,065	5,065	100.0	100.0	100.0	128	128	128	51	51	51
All crops and pasture	24,699	.6	24,527	24,527	24,527	99.3	99.3	99.3	1,114	1,022	1,022	91	83	83
ARIZONA														
Corn	15,100	47.2	11,230	4,975	---	74.4	32.9	---	477	109	---	85	44	---
Sorghums	148,400	99.6	121,565	70,010	2,778	81.9	47.2	1.9	5,902	1,291	27	97	37	19
Dry beans	1,500	37.5	450	450	---	30.0	30.0	---	7	10	---	31	44	---
Cotton	383,000	100.0	342,471	209,845	27,111	89.4	54.8	7.1	20,671	5,246	271	121	50	20
Vegetables	102,500	100.0	101,610	97,381	53,769	99.1	95.0	52.5	6,971	4,670	1,246	137	96	46
Potatoes	7,800	100.0	7,734	7,734	7,270	99.2	99.2	93.2	826	509	175	162	132	48
Sweetpotatoes	700	100.0	630	628	455	90.0	72.6	65.0	19	28	7	60	80	31
Fruits and nuts	30,400	97.1	29,084	10,059	1,714	95.7	33.1	5.6	2,312	206	23	159	41	27
Nursery and greenhouse	1,400	100.0	1,400	1,400	1,105	100.0	100.0	78.9	62	35	14	89	50	26
Miscellaneous (unspecified)	2,100	95.5	1,710	1,170	---	81.4	55.7	---	86	28	---	101	48	---
Intertilled crops	692,900	97.1	617,884	403,672	94,202	89.2	58.3	13.6	37,133	12,132	1,763	120	60	37
Wheat	89,900	95.6	69,908	52,115	2,087	77.8	58.0	2.3	2,814	955	19	80	37	18
Oats	5,000	71.4	3,777	2,725	98	75.5	54.5	2.0	149	50	1	79	37	20
Barley	143,800	99.9	111,542	84,245	3,325	77.6	58.6	2.3	4,483	1,552	32	80	37	19
Flax	2,000	100.0	2,000	2,000	---	100.0	100.0	---	125	50	---	125	50	---
Soil improvement crop	12,700	75.6	1,050	735	---	8.3	5.8	---	21	9	---	40	24	---
Seed crops	13,950	100.0	13,360	6,380	350	95.8	45.7	2.5	797	157	7	119	49	40
Close-growing crops	267,350	96.3	201,637	148,200	5,860	75.4	55.4	2.2	8,389	2,773	59	83	37	20
Tame hay and cropland pasture	328,300	96.3	99,889	133,335	---	30.4	40.6	---	2,609	3,992	---	52	60	---
Total	1,288,550	98.7	919,210	685,207	100,062	71.3	53.2	7.8	48,131	18,897	1,822	105	55	36
ARKANSAS														
Corn	8,158	2.2	8,158	8,158	8,158	100.0	100.0	100.0	174	111	111	43	27	27
Soybeans	155,689	6.8	---	63,759	63,759	---	41.0	41.0	---	1,266	1,420	---	40	45
Cotton	161,213	12.4	161,213	161,213	161,213	100.0	100.0	100.0	6,380	3,885	4,767	79	46	59
Vegetables	1,241	4.6	1,241	1,241	1,241	100.0	100.0	100.0	45	52	31	73	84	50
Intertilled crops	326,301	8.0	170,612	234,371	234,371	52.3	71.8	71.8	6,599	5,114	6,329	77	44	54
Rice (close-growing crop)	370,517	100.0	341,501	106,319	125,734	92.2	28.7	33.9	10,616	1,140	4,079	62	21	65
Tame hay and cropland pasture	10,000	.4	7,500	7,500	7,500	75.0	75.0	75.0	38	150	75	10	40	20
Improved permanent pasture	6,244	1.9	5,352	5,352	5,352	85.7	85.7	85.7	161	40	40	60	15	15
Hay and pasture	16,244	.5	12,852	12,852	12,852	79.1	79.1	79.1	199	190	115	31	30	18
Total	713,062	9.5	524,965	353,542	372,957	73.9	49.6	52.3	17,414	6,444	10,523	66	36	56
CALIFORNIA														
Corn	244,831	95.8	211,422	93,434	9,193	86.4	38.2	3.8	11,371	2,449	167	108	52	36
Sorghums	227,452	93.8	176,319	39,186	1,093	77.5	17.2	.5	9,182	1,030	26	104	53	48
Dry beans (lima)	83,991	89.3	16,854	16,145	10,781	20.1	19.2	12.8	712	645	251	84	80	47
Dry beans (other)	141,792	92.8	37,861	17,789	3,840	26.7	12.5	2.7	1,526	448	76	81	50	40
Cotton	820,724	99.9	755,147	291,502	33,057	92.0	35.5	4.0	44,315	9,455	1,562	117	65	94
Sugarbeets	205,037	99.8	188,973	104,698	8,869	92.2	51.1	4.3	14,802	4,052	198	157	77	45
Vegetables	851,642	99.4	522,873	437,217	161,832	80.2	67.1	24.8	48,864	21,744	5,870	141	99	73
Potatoes	85,418	99.7	80,929	53,281	35,338	94.7	62.4	41.4	6,300	3,443	2,248	156	129	127
Sweetpotatoes	8,489	100.0	7,794	3,881	3,218	91.8	45.7	37.9	349	127	116	90	65	72
Nursery and greenhouse	12,023	15.8	12,023	12,023	12,023	100.0	100.0	100.0	2,082	1,028	637	346	171	106
Small fruits	11,201	99.1	11,130	10,479	9,847	99.4	93.6	88.1	1,110	661	450	203	126	95
Tree fruits	1,285,672	90.0	1,019,338	161,623	136,189	79.3	12.6	10.6	49,890	7,235	7,178	98	90	105
Intertilled crops	3,778,272	93.8	3,040,703	1,241,218	426,080	80.5	32.9	11.3	178,523	52,415	18,785	117	84	88
Wheat	81,412	23.9	61,033	24,272	---	75.0	29.8	---	1,071	427	---	35	35	---
Rice	402,132	100.0	288,648	46,300	230	95.5	15.3	.1	10,609	847	12	74	37	104
Oats	20,112	15.6	15,283	7,112	---	76.0	35.4	---	406	137	---	53	39	---
Barley	771,418	51.7	708,690	329,947	---	91.9	42.8	---	27,756	6,978	---	78	42	---
Alfalfa seed	127,428	96.8	1,066	27,556	57	.8	21.6	---	24	1,069	1	45	78	35
Flax	34,268	100.0	26,533	26,199	---	77.4	76.5	---	1,978	1,048	---	149	80	---
Safflower	17,709	35.1	16,236	3,444	---	91.7	19.4	---	626	43	---	77	25	---
Other field crops	12,000	100.0	800	9,000	---	5.0	75.0	---	12	315	---	40	70	---
Close-growing crops	1,366,479	53.4	1,118,087	473,830	287	81.8	34.7	---	42,482	10,884	13	76	46	91
Tame hay and cropland pasture	1,225,382	26.5	323,989	463,900	13,032	26.4	37.9	1.1	8,361	15,887	254	52	68	39
Improved permanent pasture	906,568	78.8	81,727	81,704	210	9.0	9.0	---	2,317	1,719	5	57	42	48
Hay and pasture	2,131,950	36.9	405,716	545,604	13,242	19.0	25.6	.6	10,678	17,606	256	53	85	39
Total	7,276,701	58.8	4,564,506	2,260,672	438,609	62.7	31.1	6.0	231,684	80,785	19,054	102	128	87

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Table 2.--Fertilizer use on irrigated crops and pasture, by States, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
COLORADO														
Corn	325,002	68.4	225,347	223,713	---	60.1	[illegible]	---	[illegible]	[illegible]	---	89	7	---
Sorghums	102,275	16.8	23,103	7,282	---	22.6	[illegible]	---	474	98	---	41	27	---
Dry beans	78,473	38.6	213	25,762	---	.4	33.7	---	3	449	---	28	35	---
Dry peas	6,273	33.0	---	---	---	---	---	---	---	---	---	---	---	---
Sugarbeets	142,327	99.6	126,079	126,679	---	88.6	88.6	---	4,915	6,099	---	62	97	---
Vegetables	18,438	96.9	17,905	17,905	17,399	98.5	98.5	97.1	1,704	1,892	517	90	100	28
Potatoes	50,314	78.5	37,624	37,624	37,624	74.8	74.8	74.8	867	1,421	334	43	76	18
Tree fruits	17,472	74.4	11,751	51	51	67.3	.3	.3	106	2	3	18	78	118
Miscellaneous	9,589	49.9	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	768,223	49.3	432,022	458,416	75,074	56.2	46.7	9.8	15,680	10,368	852	73	58	23
Wheat	89,661	4.0	17,600	6,592	---	19.6	7.4	---	472	127	---	54	39	---
Rye	1,776	2.0	---	---	---	---	---	---	---	---	---	---	---	---
Oats	69,339	65.8	482	---	---	.7	---	---	10	---	---	41	---	---
Barley	158,414	31.0	40,594	34,582	---	25.6	21.8	---	859	364	---	42	21	---
Wild hay	219,399	76.6	1,389	1,369	---	.6	.6	---	47	8	---	25	12	---
Close-growing crops	538,589	16.8	60,035	42,543	---	11.1	7.9	---	1,358	499	---	45	23	---
Tame hay and cropland pasture	802,440	35.3	77,193	101,381	---	9.6	12.6	---	667	1,246	---	17	64	---
Improved permanent pasture	429,273	85.8	9,450	8,838	373	2.2	1.8	.1	153	86	1	32	25	5
Hay and pasture	1,231,713	44.4	86,643	108,219	373	7.0	8.8	---	820	1,332	1	19	61	5
Total	2,538,519	33.6	578,700	569,178	75,447	22.8	22.1	3.0	17,858	12,199	852	62	56	23
CONNECTICUT														
Tobacco	8,235	90.0	8,235	8,235	8,235	100.0	100.0	100.0	1,062	531	828	258	129	206
Vegetables	7,300	70.1	7,300	7,300	7,300	100.0	100.0	100.0	402	438	438	110	120	120
Potatoes	4,080	60.0	4,080	4,080	4,080	100.0	100.0	100.0	408	408	408	2,000	2,000	2,000
Nursery and greenhouse	1,084	21.9	1,084	1,084	1,084	100.0	100.0	100.0	41	53	60	76	98	111
Intertilled crops	20,699	66.3	20,699	20,699	20,699	100.0	100.0	100.0	1,913	1,430	1,754	185	138	169
Total	20,699	66.3	20,699	20,699	20,699	100.0	100.0	100.0	1,913	1,430	1,754	185	138	169
IDAHO														
Corn	75,934	97.6	62,695	62,500	9,000	82.6	82.3	11.9	2,331	1,495	90	74	48	20
Dry beans	131,352	97.6	---	15,000	---	---	11.4	---	---	270	---	---	36	---
Dry peas	20,395	16.3	---	5,000	---	---	24.5	---	---	90	---	---	36	---
Sugarbeets	91,302	99.8	81,805	81,805	---	89.8	89.8	---	3,834	3,215	---	94	79	---
Vegetables	20,470	92.4	15,210	16,100	9,000	74.4	78.8	44.1	495	392	135	65	49	30
Sweet corn	6,562	99.3	5,500	5,500	---	83.8	83.8	---	210	125	---	76	45	---
Potatoes	198,273	98.2	172,196	172,196	17,000	87.7	87.7	8.7	6,218	4,867	325	72	57	38
All fruits	13,981	91.9	10,270	5,200	---	73.5	37.2	---	356	103	---	69	40	---
Miscellaneous (unspecified)	125,721	47.4	15,860	17,500	---	12.4	13.9	---	342	357	---	44	41	---
Intertilled crops	681,750	72.2	363,326	380,201	35,000	53.3	55.9	5.1	13,786	10,914	550	76	57	31
Wheat	317,052	23.2	159,381	---	---	50.3	---	---	4,240	---	---	53	---	---
Oats	58,852	48.1	13,175	---	---	22.4	---	---	285	---	---	43	---	---
Barley	110,438	22.2	43,150	---	---	39.1	---	---	949	---	---	44	---	---
Wild hay	71,909	93.7	3,000	---	---	4.2	---	---	45	---	---	30	---	---
Close-growing crops	558,411	30.8	218,706	---	---	39.2	---	---	5,519	---	---	50	---	---
Tame hay and cropland pasture	824,715	46.4	93,150	205,600	---	11.3	24.9	---	1,643	7,055	---	35	67	---
Improved permanent pasture	336,128	88.0	13,600	14,300	---	4.0	4.3	---	328	380	---	48	50	---
Hay and pasture	1,161,043	93.8	106,750	219,800	---	8.8	18.2	---	1,971	7,435	---	37	67	---
Total	2,401,104	48.9	688,782	600,601	35,000	28.7	25.0	1.5	21,276	18,329	550	62	61	31
ILLINOIS														
Corn	3,650	---	3,650	3,650	3,650	100.0	100.0	100.0	164	107	142	90	59	78
Sorghums	75	.3	75	75	75	100.0	100.0	100.0	2	2	1	53	53	27
Soybeans	801	---	339	801	801	42.3	100.0	100.0	1	28	37	6	70	92
Vegetables	781	.6	781	781	781	100.0	100.0	100.0	12	48	28	31	123	72
Nursery and greenhouse	981	10.0	981	981	981	100.0	100.0	100.0	67	67	67	137	137	137
Small fruits	214	10.0	214	214	214	100.0	100.0	100.0	5	10	10	47	93	93
Tree fruits	1,038	3.9	1,036	1,038	1,038	99.8	99.8	99.8	29	6	6	56	12	12
Intertilled crops	7,540	---	7,076	7,538	7,538	93.8	100.0	100.0	280	268	291	79	71	77
Wheat	379	---	184	247	101	48.5	65.2	42.5	3	8	6	33	65	75
Tame hay and cropland pasture	955	---	---	575	389	---	60.2	40.7	---	10	19	---	35	98
Total	8,874	---	7,260	8,360	8,088	81.8	94.2	91.1	283	286	316	78	68	78
INDIANA														
Corn	8,811	.2	8,811	8,811	8,811	100.0	100.0	100.0	315	220	261	72	50	59
Soybeans	150	---	60	150	150	40.0	100.0	100.0	---	2	2	0	27	27
Tobacco	100	1.5	100	100	100	100.0	100.0	100.0	5	11	16	100	220	320
Vegetables	3,875	5.5	3,875	3,875	3,875	100.0	100.0	100.0	205	201	201	106	104	104

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Table 2.--Fertilizer use on irrigated crops and pasture, by States, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
INDIANA--Continued														
Potatoes	2,450	38.1	2,450	2,450	2,450	100.0	100.0	100.0	49	144	241	40	118	197
Mint	500	5.1	500	500	500	100.0	100.0	100.0	5	12	12	20	48	48
Nursery and greenhouse	642	10.2	642	642	642	100.0	100.0	100.0	55	49	49	171	153	153
Tree fruits	150	.8	150	150	150	100.0	100.0	100.0	12	6	5	160	80	67
Intertilled crops	16,678	.2	16,678	16,678	16,678	99.5	100.0	100.0	646	645	787	78	77	94
Tame hay and cropland pasture	200	---	60	200	200	30.0	100.0	100.0	1	6	6	33	60	60
Total	16,878	.2	16,678	16,878	16,878	98.8	100.0	100.0	647	651	793	78	77	94
IOWA														
Corn	12,590	.1	12,590	12,590	6,834	100.0	100.0	52.7	399	190	57	60	30	17
Vegetables	2,421	12.5	2,421	2,421	605	100.0	100.0	25.0	6	12	3	5	10	10
Intertilled crops	15,011	.1	15,011	15,011	7,239	100.0	100.0	48.2	385	202	60	51	27	56
KANSAS														
Corn	87,175	[illegible]	60,824	50,008	2,685	69.4	57.2	3.0	1,879	728	20	62	29	15
Sorghums	45,490	7.0	27,984	25,056	694	38.2	13.4	.2	4,065	535	5	64	24	15
Sugarbeets	1,758	100.0	1,758	1,758	1	100.0	100.0	.1	232	122	---	60	31	---
Vegetables	2,052	29.0	1,737	1,737	442	84.6	84.6	21.5	23	31	5	84	36	20
Potatoes	92	22.4	210	210	20	60.5	60.5	5.8	7	5	---	88	62	---
Popcorn	450	4.6	380	380	59	84.4	84.4	13.1	11	7	---	55	33	20
Nursery and greenhouse	600	29.2	410	410	118	68.3	68.3	19.7	17	9	---	80	40	8
Small fruits	50	43.2	35	35	12	70.0	70.0	24.0	1	1	---	57	57	17
Tree fruits	1,400	10.3	710	710	74	50.7	50.7	5.4	19	8	---	54	23	12
Miscellaneous (unspecified)	4,650	72.8	4,663	300	---	17.2	2.1	---	50	3	---	60	20	---
Intertilled crops	246,000	6.8	201,506	106,602	4,619	45.3	24.0	.9	6,354	1,449	30	63	27	15
Wheat	182,[illegible]	[illegible]	82,019	32,899	140	44.3	18.0	.1	1,845	246	1	45	15	10
Barley	[illegible]	[illegible]	3,404	1,421	4	49.2	17.8	---	85	14	---	49	20	---
Wild hay	8,500	.1	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	248,[illegible]	1.7	86,419	34,320	144	42.9	18.0	.1	1,930	260	1	45	15	40
Tame hay and cropland pasture	42,[illegible]	1.5	9,091	6,509	526	21.6	15.5	1.2	226	93	4	56	28	16
Improved permanent pasture	64,[illegible]	10.4	2,632	2,632	242	4.1	4.1	.4	48	27	2	35	21	16
Hay and pasture	106,[illegible]	1.2	11,723	9,140	768	11.0	8.6	.7	272	120	6	46	26	16
Total	[illegible]42,[illegible]	1.5	98,142	43,460	4,928	40.3	28.2	.7	8,556	1,829	37	57	24	15
LOUISIANA														
Corn	[illegible]	[illegible]	1,788	[illegible],128	1,128	99.5	64.5	64.5	58	17	15	66	30	26
Soybeans	1,458	.2	[illegible],014	1,458	1,458	69.5	100.0	100.0	5	23	23	10	32	32
Cotton	[illegible],[illegible]	1.0	4,797	2,926	2,925	100.0	61.0	61.0	173	46	43	74	31	29
Vegetables	2,[illegible]	14.8	2,712	2,707	2,697	99.9	99.8	99.3	85	98	55	63	72	41
Nursery and greenhouse	400	9.5	400	400	400	100.0	100.0	100.0	26	19	19	130	95	95
Small fruits	3,002	60.3	3,002	3,002	3,002	100.0	100.0	100.0	95	192	95	63	128	63
Tree fruits	60	.1	60	60	60	100.0	100.0	100.0	2	2	2	67	67	67
Intertilled crops	14,250	1.2	14,753	11,699	11,688	98.8	82.3	82.3	448	397	252	65	68	43
Rice	468,[illegible]	100.0	432,423	417,153	396,440	92.7	89.4	85.0	7,551	5,698	4,695	35	27	24
Tame hay and cropland pasture	474	---	484	439	425	99.0	87.0	86.2	12	9	7	49	41	33
Improved permanent pasture	3,[illegible]	1.0	3,686	2,806	2,696	94.5	71.9	69.1	88	55	43	48	39	32
Hay and pasture	4,[illegible]	.2	4,[illegible]	3,245	3,121	95.0	73.8	71.0	100	64	50	48	39	32
Total	485,[illegible]	10.8	450,450	432,097	412,249	92.8	89.1	84.8	8,099	6,159	4,997	36	28	24
MICHIGAN														
Corn	2,691	.1	2,691	2,691	2,691	100.0	100.0	100.0	87	84	79	65	62	59
Vegetables	11,[illegible]	16.6	11,[illegible]	11,477	11,477	100.0	100.0	100.0	606	651	782	106	113	136
Potatoes	5,[illegible]	12.[illegible]	5,[illegible]	5,971	5,971	100.0	100.0	100.0	340	597	631	114	197	211
Nursery and greenhouse	3,165	24.[illegible]	3,165	3,165	3,165	100.0	100.0	100.0	87	87	87	55	55	55
Small fruits	8,505	29.3	8,505	8,505	8,505	100.0	100.0	100.0	284	213	232	67	65	71
Tree fruits	3,[illegible]	[illegible]	3,[illegible]	3,591	3,591	100.0	100.0	100.0	154	113	113	86	63	63
Intertilled crops	43,[illegible]	[illegible]	44,[illegible]	43,400	43,400	100.0	100.0	100.0	1,558	1,735	1,924	93	104	115
Tame hay and cropland pasture	1,[illegible]	---	1,[illegible]	1,[illegible]	1,[illegible]	100.0	100.0	100.0	31	45	39	46	67	58
Total	44,[illegible]	.8	45,[illegible]	44,[illegible]	44,[illegible]	100.0	100.0	100.0	1,589	1,787	1,963	91	103	113
MISSOURI														
Corn	9,040	.2	9,040	9,040	9,040	100.0	100.0	100.0	271	175	172	60	39	39
Soybeans	1,860	.1	---	99	99	---	5.3	5.3	---	2	2	---	40	40
Cotton	6,[illegible]	1.[illegible]	6,[illegible]	6,[illegible]	6,[illegible]	100.0	100.0	100.0	210	210	210	60	60	60
Tobacco	200	[illegible].0	200	200	200	100.0	100.0	100.0	3	6	7	30	60	70
Vegetables	1,[illegible]	12.[illegible]	1,[illegible]	1,[illegible]	1,[illegible]	100.0	100.0	100.0	76	80	76	80	85	80
Nursery and greenhouse	[illegible]50	23.[illegible]	[illegible]50	750	750	100.0	100.0	100.0	27	27	27	72	72	72
Small fruits	217	10.8	217	217	217	100.0	100.0	100.0	5	5	5	46	46	46

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Table 2.--Fertilizer use on irrigated crops and pasture, by States, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
NEW MEXICO	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Corn	24,786	72.7	7,138	760	---	28.8	3.1	---	86	8	---	24	21	---
Sorghums	115,660	40.6	44,750	1,215	---	38.7	1.0	---	1,249	12	---	56	20	---
Broomcorn	7,959	21.7	1,123	1,304	333	14.4	16.4	4.2	16	15	3	28	23	18
Dry beans	3,568	53.9	592	867	---	7.8	11.5	---	12	39	---	41	90	---
Peanuts	6,237	99.9	2,287	2,268	1,059	36.7	36.4	17.0	184	108	34	161	95	64
Cotton	183,387	87.0	149,182	75,600	600	81.3	41.2	.3	4,872	1,614	6	65	43	20
Vegetables	11,684	99.1	7,652	7,652	1,358	65.5	65.5	11.6	258	424	35	67	111	52
Potatoes	1,757	93.0	454	461	271	25.8	26.2	15.4	31	34	26	37	148	118
Sweetpotatoes	1,210	90.0	408	396	52	33.7	32.7	4.3	82	82	6	82	318	231
Nursery and greenhouse	100	100.0	269	269	---	73.5	73.5	---	17	32	---	126	238	---
Tree fruits	12,457	93.8	4,975	6,553	483	32.9	52.6	3.9	216	393	14	87	120	58
Intertilled crops	393,031	62.9	218,850	97,345	4,156	58.7	26.1	1.1	7,023	2,741	114	64	56	55
Wheat	44,472	20.9	15,787	8,060	---	35.5	18.1	---	375	127	---	48	32	---
Oats	6,532	72.5	975	345	---	14.9	5.3	---	13	2	---	27	12	---
Barley	24,959	86.4	10,132	6,880	---	40.6	27.6	---	319	193	---	63	56	---
Close-growing crops	75,964	30.3	26,874	15,285	---	35.4	20.1	---	707	322	---	53	42	---
Tame hay and cropland pasture	159,892	24.7	10,509	84,344	3,185	6.6	52.8	2.0	80	5,232	31	15	124	19
Improved permanent pasture	68,835	13.5	1,466	938	---	2.1	1.4	---	55	10	---	75	21	---
Hay and pasture	228,727	19.8	11,975	85,282	3,185	5.2	37.3	1.4	135	5,242	31	23	123	19
Total	677,722	33.9	257,699	197,912	7,341	38.0	29.2	1.1	7,865	8,305	145	61	84	40
NORTH DAKOTA														
Corn	3,060	.2	1,705	1,297	---	55.7	42.4	---	39	37	---	46	57	---
Dry beans	2,870	77.5	---	---	---	---	---	---	---	---	---	---	---	---
Potatoes	199	.2	73	73	---	36.7	36.7	---	1	2	---	27	55	---
Sugarbeets	4,369	11.5	3,335	4,369	---	76.3	100.0	---	115	184	---	69	84	---
Vegetables	9	2.2	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous (unspecified)	1,076	2.3	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	10,783	.2	5,113	5,739	---	47.4	53.2	---	155	223	---	61	78	---
Wheat	6,681	.1	1,725	4,200	---	25.9	63.1	---	34	86	---	39	41	---
Rye	16	---	---	---	---	---	---	---	---	---	---	---	---	---
Oats	1,742	.1	363	559	---	20.8	32.1	---	4	12	---	22	43	---
Barley	1,480	---	385	498	---	26.0	33.6	---	7	10	---	36	40	---
Safflower	60	.3	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	8,750	.5	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	18,709	.1	2,473	5,257	---	13.2	28.1	---	45	108	---	36	41	---
Tame hay and cropland pasture	18,199	.7	161	5,077	---	.9	27.9	---	4	141	---	50	56	---
Total	47,691	.2	7,747	16,073	---	16.2	33.7	---	204	472	---	53	59	---
OHIO														
Corn	888	---	888	888	888	100.0	100.0	100.0	14	20	17	32	45	38
Vegetables	4,537	6.6	4,537	4,537	4,537	100.0	100.0	100.0	182	182	182	80	80	80
Potatoes	1,578	10.7	1,578	1,578	1,578	100.0	100.0	100.0	24	93	93	30	118	118
Nursery and greenhouse	1,282	8.1	1,282	1,282	1,282	100.0	100.0	100.0	63	63	63	98	98	98
Small fruits	197	8.9	197	197	39	100.0	100.0	19.8	4	2	---	41	30	10
Tree fruits	394	.8	394	394	394	100.0	100.0	100.0	7	1	1	36	5	5
Intertilled crops	8,876	.2	8,876	8,876	8,718	100.0	100.0	98.2	297	369	360	67	83	83
Improved permanent pasture	986	.3	493	887	887	50.0	90.0	90.0	15	22	22	61	50	50
Total	9,862	.2	9,369	9,763	9,605	95.0	99.0	97.4	312	391	382	67	80	80
OKLAHOMA														
Corn	2,513	1.2	2,499	2,187	1,235	98.7	86.3	48.8	52	36	10	42	33	16
Sorghums	35,654	3.1	27,435	16,071	6,095	76.9	45.1	17.1	334	166	39	24	21	13
Peanuts	18,837	18.0	10,058	16,321	14,312	54.0	87.7	76.8	105	263	159	21	32	22
Cotton	62,734	10.3	32,564	34,521	28,598	67.8	55.0	45.6	530	517	284	25	30	20
Vegetables	852	3.0	851	851	851	99.9	99.9	99.9	9	17	8	21	40	19
Intertilled crops	120,410	5.7	83,407	69,971	51,091	69.3	58.1	42.4	1,030	999	500	25	29	20
Wheat (close-growing crop)	32,893	.8	27,622	15,148	88	84.0	46.1	.3	356	113	---	26	15	10
Hay and cropland pasture	12,710	.4	8,816	9,120	4,420	67.8	71.8	34.8	96	152	25	22	33	11
Improved permanent pasture	27,324	2.3	15,868	13,467	11,054	58.1	49.3	40.5	150	191	73	19	28	13
Hay and pasture	40,034	.9	24,484	22,587	15,474	61.2	56.4	38.7	246	343	98	20	30	13
Total	193,337	1.8	135,513	107,706	66,653	70.1	55.7	34.5	1,632	1,455	598	24	27	18

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Table 2.--Fertilizer use on irrigated crops and pasture, by States, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available: P_2O_5	K_2O	N	Available: P_2O_5	K_2O	N	Available: P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
MISSOURI--Continued														
Tree fruits	750	2.9	750	750	750	100.0	100.0	100.0	15	8	8	40	21	21
Intertilled crops	21,707	.3	19,847	19,926	19,926	91.4	91.9	91.9	607	513	507	61	51	51
Tame hay and cropland pasture	2,959	---	1,238	1,238	1,238	41.8	41.8	41.8	18	25	18	29	40	29
Total	24,866	.2	21,085	21,184	21,184	85.5	85.9	85.9	625	538	525	59	51	50
MONTANA														
Corn	25,133	22.9	11,780	7,100	---	46.9	28.2	---	176	186	---	30	52	---
Dry beans	12,792	99.1	---	2,165	---	---	16.9	---	---	33	---	---	30	---
Sugarbeets	55,519	99.2	54,263	54,263	2,076	97.7	97.7	3.7	1,090	1,914	19	40	71	18
Vegetables	2,997	41.6	2,700	2,700	815	90.1	90.1	27.2	28	48	12	21	34	34
Potatoes	6,546	87.3	4,996	4,996	1,350	76.3	76.3	20.6	80	163	40	32	65	59
Nursery and greenhouse	600	93.2	600	600	200	100.0	100.0	33.3	13	18	6	43	60	60
Tree fruits	1,560	65.5	825	303	280	52.9	19.4	17.9	25	17	10	61	112	71
Miscellaneous (unspecified)	16,443	35.2	4,910	4,020	239	29.9	24.4	1.5	22	84	5	9	42	42
Intertilled crops	121,590	50.0	80,074	76,147	4,960	65.9	62.6	4.1	1,434	2,461	94	36	65	38
Wheat	123,133	3.3	44,040	31,201	---	35.8	25.3	---	362	651	---	16	42	---
Oats	84,535	27.9	9,930	6,469	---	15.4	10.0	---	76	127	---	15	39	---
Barley	98,150	5.6	24,700	17,720	---	25.2	18.1	---	187	370	---	15	42	---
Wild hay	301,790	56.2	7,179	1,395	---	2.4	.5	---	110	18	---	31	26	---
Close-growing crops	587,608	9.4	85,849	56,785	---	14.6	9.7	---	735	1,166	---	17	41	---
Tame hay and cropland pasture	744,095	28.7	133,674	120,823	---	18.0	16.2	---	1,163	2,280	---	17	38	---
Improved permanent pasture	435,692	82.0	15,232	15,636	---	3.7	3.8	---	122	161	---	16	21	---
Hay and pasture	1,179,787	37.4	148,906	136,459	---	12.8	11.8	---	1,285	2,441	---	17	36	---
Total	1,868,985	19.5	314,829	289,391	4,980	16.8	14.4	.3	3,454	6,068	94	22	45	38
NEBRASKA														
Corn	1,487,754	22.2	1,324,999	511,799	64,090	89.1	34.4	4.3	61,886	9,085	724	93	36	23
Sorghums	120,699	7.8	114,056	41,172	5,596	94.5	34.1	4.6	4,800	741	65	84	36	23
Soybeans	8,138	5.6	2,949	1,465	321	36.2	18.0	3.9	93	34	4	63	46	25
Dry beans	67,249	88.3	7,170	7,384	714	10.7	11.0	1.1	266	166	6	74	45	17
Sugarbeets	63,183	99.6	52,916	44,400	4,693	83.8	70.3	7.4	1,511	1,103	43	57	50	18
Vegetables	2,325	14.4	1,269	777	---	54.6	33.4	---	40	15	---	63	39	---
Potatoes	10,117	73.8	5,362	3,479	412	53.0	34.4	4.1	167	80	4	62	46	19
Popcorn	4,892	43.3	4,847	2,018	316	95.0	41.1	6.5	209	36	3	90	36	19
Nursery and greenhouse	169	24.1	152	122	---	89.9	72.2	---	5	3	---	68	49	---
Intertilled crops	1,764,526	20.6	1,513,520	612,588	76,142	85.8	34.7	4.3	68,977	11,263	849	91	37	22
Wheat	28,572	.9	23,912	11,324	1,704	90.0	42.6	6.4	504	218	17	42	38	20
Oats	18,823	1.5	7,447	4,511	574	39.6	24.0	3.0	148	83	5	40	37	17
Barley	13,828	4.5	5,737	3,342	211	41.5	24.2	1.5	133	59	2	46	35	18
Wild hay	26,155	1.0	2,666	2,162	79	10.2	8.3	.3	82	42	1	62	39	25
Close-growing crops	85,378	1.2	39,762	21,339	2,568	46.6	25.0	3.0	867	402	25	44	38	19
Tame hay and cropland pasture	171,954	5.1	29,516	30,642	3,111	13.7	17.8	1.8	673	660	33	59	43	21
Improved permanent pasture	56,068	15.5	7,219	5,571	717	12.9	9.9	1.3	238	115	9	66	41	25
Hay and pasture	228,022	6.1	30,735	36,213	3,828	13.5	15.9	1.7	911	775	42	59	43	22
Total	2,077,926	10.6	1,584,017	670,140	82,538	76.2	32.2	4.0	70,755	12,440	916	89	37	22
NEVADA														
Corn	4,170	100.0	3,753	3,753	---	90.0	90.0	---	120	150	---	64	80	---
Sugarbeets	458	100.0	458	458	---	100.0	100.0	---	9	11	---	39	48	---
Vegetables	1,235	100.0	1,235	1,235	---	100.0	100.0	---	98	123	---	159	199	---
Potatoes	1,233	100.0	1,233	1,233	1,233	100.0	100.0	100.0	27	27	27	44	44	44
Nursery and greenhouse	194	100.0	194	194	---	100.0	100.0	---	6	8	---	62	82	---
Intertilled crops	7,290	100.0	6,873	6,873	1,233	94.3	94.3	16.9	260	319	27	76	93	44
Wheat	18,563	92.9	15,321	15,321	---	82.5	82.5	---	290	300	---	38	39	---
Oats	2,320	100.0	1,392	1,392	---	60.0	60.0	---	33	42	---	47	60	---
Barley	11,835	100.0	5,526	5,526	---	46.7	46.7	---	145	181	---	52	66	---
Wild hay	87,717	85.2	1,795	1,795	---	2.0	2.0	---	14	18	---	16	20	---
Close-growing crops	120,435	87.9	24,034	24,034	---	20.0	20.0	---	482	541	---	40	45	---
Tame hay and cropland pasture	169,159	31.3	22,262	22,262	---	13.2	13.2	---	356	445	---	32	40	---
Improved permanent pasture	252,957	100.0	1,052	1,052	---	.4	.4	---	17	21	---	32	40	---
Hay and pasture	422,116	53.2	23,314	23,314	---	5.5	5.5	---	373	466	---	32	40	---
Total	549,841	58.6	54,221	54,221	1,233	9.9	9.9	.2	1,115	1,326	27	41	49	44

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Table 2.--Fertilizer use on irrigated crops and pasture, by States, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
OREGON														
Corn	34,478	66.6	27,725	24,597	3,867	80.4	71.3	8.3	1,659	708	83	120	58	58
Sugarbeets	20,541	99.9	18,599	18,599	2,025	80.8	80.8	9.9	1,121	573	62	135	69	61
Vegetables	44,715	42.0	38,678	36,838	18,081	86.5	82.4	40.4	2,179	1,747	802	113	95	89
Potatoes	31,581	92.0	29,397	29,313	10,520	93.1	92.9	33.3	2,158	1,702	327	147	116	62
Mint	14,929	97.7	12,284	10,652	6,827	95.7	71.4	45.7	885	361	227	124	68	66
Tree fruits	35,639	35.9	28,837	3,200	177	75.3	9.0	.5	906	59	5	68	37	56
Miscellaneous (unspecified)	48,012	13.1	31,707	27,480	24,284	66.0	57.2	50.6	841	244	126	53	18	10
Intertilled crops	229,875	33.2	185,227	148,659	64,761	80.6	64.7	28.2	9,749	5,392	1,632	105	73	50
Wheat	51,724	6.6	39,664	18,231	---	76.7	35.2	---	1,269	320	---	64	35	---
Oats	36,017	24.4	13,637	7,233	572	37.9	20.1	1.6	367	129	15	54	36	52
Barley	78,166	15.6	40,077	16,091	660	51.3	20.6	.8	896	285	15	45	35	45
Wild hay	192,247	80.8	10,359	10,359	281	5.4	5.4	.1	280	267	6	54	52	43
Close-growing crops	358,154	21.5	103,737	51,914	1,513	29.0	14.5	.4	2,812	1,001	36	54	39	48
Tame hay and cropland pasture	387,822	22.8	92,887	72,585	6,696	24.0	18.7	1.7	2,739	1,794	152	59	49	45
Improved permanent pasture	296,606	65.2	21,597	21,597	962	7.3	7.3	.3	522	522	25	48	48	52
Hay and pasture	684,428	31.8	114,484	94,182	7,658	16.7	13.8	1.1	3,261	2,313	177	57	49	46
Total	1,272,457	28.2	403,448	294,755	73,932	31.7	23.2	5.8	15,822	8,706	1,845	78	59	50
RHODE ISLAND														
Vegetables	800	53.5	800	800	800	100.0	100.0	100.0	40	80	80	100	200	200
Potatoes	400	8.2	400	400	400	100.0	100.0	100.0	26	39	39	130	195	195
Nursery and greenhouse	100	4.6	100	100	100	100.0	100.0	100.0	5	5	5	100	100	100
Intertilled crops	1,300	15.1	1,300	1,300	1,300	100.0	100.0	100.0	71	124	124	109	191	191
Tame hay and cropland pasture	200	.6	200	200	200	100.0	100.0	100.0	3	6	6	30	60	60
Total	1,500	3.5	1,500	1,500	1,500	100.0	100.0	100.0	74	130	130	99	173	173
SOUTH DAKOTA														
Corn	13,511	.3	11,623	11,623	1,538	86.0	86.0	11.4	102	139	28	28	24	36
Sugarbeets	6,028	100.0	6,028	6,028	---	100.0	100.0	---	202	184	---	67	61	---
Vegetables	886	12.0	845	700	---	95.6	80.8	---	15	9	---	36	26	---
Miscellaneous (unspecified)	26,640	100.0	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	47,045	1.1	18,496	18,351	1,538	39.3	39.0	3.3	379	332	28	41	36	36
Oats	3,059	.2	2,059	2,800	---	67.3	91.5	---	22	93	---	21	38	---
Seed crops	410	1.3	410	410	---	100.0	100.0	---	6	8	---	29	39	---
Wild hay	2,794	.1	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	6,263	.2	2,469	3,210	---	39.4	51.2	---	28	81	---	23	38	---
Tame hay and cropland pasture	49,320	1.3	270	6,828	---	.5	13.8	---	8	194	---	59	57	---
Improved permanent pasture	13,211	8.8	747	---	---	5.7	---	---	14	---	---	37	---	---
Hay and pasture	62,531	1.5	1,017	6,828	---	1.6	10.9	---	22	194	---	43	57	---
Total	115,839	.9	21,982	28,389	1,538	19.0	24.5	1.3	429	587	28	39	41	36
TEXAS														
Corn	62,270	4.4	37,219	13,580	4,014	59.8	21.8	6.4	1,677	326	102	90	48	51
Sorghums	1,799,366	23.7	1,084,507	148,927	12,617	60.3	8.3	.7	42,490	4,888	218	78	50	35
Soybeans	45,777	76.8	12,110	45,644	---	26.5	99.7	---	121	685	---	20	30	---
Cowpeas	11,087	9.8	4,764	10,024	323	43.0	90.4	2.9	50	172	6	21	34	34
Peanuts	16,981	6.8	10,492	10,492	10,492	61.8	61.8	61.8	119	236	119	23	45	23
Cotton	1,925,704	31.4	1,128,878	542,032	66,452	58.6	27.6	3.4	45,975	14,552	1,130	81	55	34
Vegetables	193,611	46.5	156,696	156,596	33,755	80.9	80.9	17.4	5,181	5,088	635	66	65	38
Potatoes	17,210	60.8	13,189	13,189	12,321	99.8	99.8	93.4	424	407	108	64	62	18
Sweetpotatoes	667	3.3	667	667	667	100.0	100.0	100.0	13	26	26	39	78	78
All fruits	58,736	33.5	42,326	1,197	1,197	72.1	2.0	2.0	1,244	27	21	59	45	35
Intertilled crops	4,127,409	25.5	2,490,750	932,348	141,858	60.3	22.6	3.4	97,274	25,207	2,365	78	54	33
Wheat	567,635	18.7	332,982	64,846	1,672	58.7	11.4	.3	15,263	1,139	28	92	35	33
Rice	429,514	99.9	387,350	387,350	95,122	90.2	90.2	22.1	9,845	7,222	1,751	51	37	37
Oats	11,853	1.4	6,917	2,238	414	58.4	18.9	3.5	233	41	7	67	37	34
Barley	71,908	27.0	18,198	3,285	---	22.5	4.5	---	444	65	---	55	40	---
Close-growing crops	1,080,910	23.6	743,427	457,699	97,208	68.8	42.3	9.0	25,785	8,465	1,786	69	37	37
Tame hay and cropland pasture	79,114	.9	54,912	52,773	14,724	69.4	66.7	18.6	2,452	1,237	232	89	47	32
Improved permanent pasture	371,358	5.2	76,245	73,734	17,991	20.5	19.9	4.8	1,552	1,102	290	41	30	32
Hay and pasture	450,472	2.8	131,157	126,467	32,715	29.1	28.1	7.3	4,004	2,339	522	61	36	32
Total	5,658,791	15.4	3,365,334	1,516,514	271,781	59.5	26.8	4.8	127,063	36,011	4,673	76	47	34

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Table 2.--Fertilizer use on irrigated crops and pasture, by States, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
UTAH	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Corn	43,485	97.6	20,568	---	---	47.3	---	---	617	---	---	60	---	---
Sugarbeets	30,185	100.0	27,317	27,317	224	90.5	90.5	0.7	1,384	1,096	13	101	80	116
Vegetables	15,711	97.3	12,409	12,409	1,205	79.0	79.0	7.7	246	368	40	40	59	66
Potatoes	7,640	97.7	5,851	5,851	127	76.6	76.6	1.7	193	216	6	66	74	110
All fruits	11,940	91.2	6,545	6,545	---	54.8	54.8	---	125	95	---	38	29	---
Intertilled crops	108,961	97.5	72,690	52,122	1,556	66.7	47.8	1.4	2,565	1,775	59	71	68	77
Wheat	58,107	25.7	11,850	---	---	20.4	---	---	363	---	---	61	---	---
Oats	17,267	90.7	1,000	250	---	5.8	1.4	---	15	5	---	30	40	---
Barley	105,231	72.9	26,951	763	---	25.6	.7	---	539	13	---	40	34	---
Wild hay	53,809	84.8	1,200	1,000	---	2.2	1.9	---	18	15	---	30	30	---
Close-growing crops	234,414	51.7	41,001	2,013	---	17.5	.9	---	935	33	---	46	33	---
Tame hay and cropland pasture	410,194	46.8	18,705	63,504	---	4.6	15.5	---	326	2,336	---	35	75	---
Improved permanent pasture	255,362	92.5	5,706	5,706	---	2.2	2.2	---	114	165	---	40	58	---
Hay and pasture	665,556	57.7	24,411	69,210	---	3.7	10.4	---	440	2,501	---	36	72	---
Total	1,008,931	58.7	138,102	123,345	1,556	13.7	12.2	.2	3,940	4,309	59	57	70	77
WASHINGTON														
Corn	81,434	92.6	59,280	68,814	68,445	72.8	84.5	84.0	4,860	1,190	331	164	35	10
Dry beans	54,003	98.8	49,400	49,346	24,073	91.5	91.4	44.6	1,639	340	41	66	14	3
Dry peas	15,754	8.8	4,370	4,319	10	27.7	27.4	.1	87	87	---	40	40	40
Sugarbeets	32,950	99.8	31,399	29,689	27,589	95.3	90.1	83.7	3,138	1,024	147	200	69	11
Vegetables	43,226	35.8	30,268	28,268	28,268	70.0	65.4	65.4	1,464	1,200	634	97	85	48
Potatoes	26,505	87.3	24,033	23,853	23,590	90.7	89.9	89.0	1,906	915	626	159	77	53
Hops	18,444	100.0	13,130	13,130	13,089	71.2	71.2	71.0	655	497	132	100	76	20
Mint	18,385	96.8	13,900	13,900	13,900	75.6	75.6	75.6	1,370	525	103	197	76	15
Nursery and greenhouse	4,977	79.5	4,885	4,885	3,365	98.2	98.2	67.6	136	246	110	56	101	65
Small fruits	2,465	20.6	2,133	2,083	1,485	86.5	84.5	60.2	26	100	33	24	96	44
Tree fruits	121,545	91.8	90,530	250	104	74.5	.2	.1	2,991	6	1	66	48	19
Miscellaneous (unspecified)	15,030	48.0	10,460	4,000	400	69.6	26.6	2.7	328	120	8	63	60	40
Intertilled crops	434,718	59.9	333,788	242,537	202,318	76.8	55.8	46.5	18,600	6,250	2,166	111	52	21
Wheat	68,670	3.6	53,312	2,312	228	77.6	3.4	.3	2,628	38	4	99	31	35
Rye	2,705	2.4	700	---	---	25.9	---	---	10	---	---	29	---	---
Oats	13,076	9.6	4,750	400	100	36.3	3.1	.8	105	5	2	44	25	40
Barley	19,908	3.0	13,804	704	126	69.3	3.5	.6	633	12	2	92	34	32
Wild hay	4,223	10.8	1,260	230	200	29.8	5.4	4.7	13	3	2	21	26	20
Close-growing crops	108,582	3.8	73,826	3,646	654	68.0	3.4	.6	3,389	58	10	92	31	31
Tame hay and cropland pasture	249,190	15.8	116,400	123,500	21,600	46.7	49.6	8.7	2,014	3,524	622	35	57	58
Improved permanent pasture	142,240	91.9	16,900	23,052	17,152	11.9	16.2	12.1	567	769	389	67	67	45
Hay and pasture	391,430	22.6	133,300	146,552	38,752	34.1	37.4	9.9	2,581	4,293	1,011	39	59	52
Total	934,730	17.5	540,914	392,735	241,724	57.9	42.0	25.9	24,570	10,599	3,185	91	54	26
WISCONSIN														
Potatoes	17,094	35.2	17,094	17,094	17,094	100.0	100.0	100.0	870	1,485	1,740	102	174	204
Vegetables	13,117	5.4	13,117	13,117	13,117	100.0	100.0	100.0	355	540	482	54	82	73
Intertilled crops	30,211	10.4	30,211	30,211	30,211	100.0	100.0	100.0	1,225	2,025	2,222	81	134	147
WYOMING														
Corn	38,250	64.6	17,643	---	---	46.1	---	---	619	---	---	70	---	---
Sugarbeets	38,046	99.9	31,429	31,429	720	82.6	82.6	1.9	936	1,008	22	60	64	60
Potatoes	3,266	83.0	2,113	2,113	487	64.7	64.7	14.3	46	45	14	44	43	60
Intertilled crops	79,568	79.4	51,185	33,542	1,197	64.3	42.2	1.5	1,601	1,053	36	63	63	60
Wheat	13,094	5.4	4,771	---	---	36.4	---	---	120	---	---	50	---	---
Oats	49,701	53.7	18,919	---	---	38.1	---	---	495	---	---	52	---	---
Barley	49,847	46.2	19,173	---	---	38.5	---	---	496	---	---	52	---	---
Wild hay	292,707	86.2	1,624	---	---	.6	---	---	57	---	---	70	---	---
Close-growing crops	405,349	91.4	44,487	---	---	11.0	---	---	1,168	---	---	52	---	---
Tame hay and cropland pasture	490,335	26.8	5,050	59,179	---	1.0	12.1	---	201	2,421	---	80	82	---
Improved permanent pasture	312,167	74.7	3,832	---	---	1.2	---	---	204	---	---	106	---	---
Hay and pasture	802,502	35.7	8,882	---	---	1.1	---	---	405	---	---	91	---	---
Total	1,287,419	46.1	104,554	92,721	1,197	8.1	7.2	.1	3,174	3,474	36	61	75	60

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-1, PORTION IN:													
Maine:													
Corn	5,515	4,563	4,563	4,563	82.7	82.7	82.7	122	257	205	53	113	90
Dry beans	1,131	1,120	1,120	1,120	99.0	99.0	99.0	27	40	40	48	71	71
Vegetables	15,568	8,126	8,126	8,126	52.2	52.2	52.2	171	269	213	42	66	52
Potatoes	132,961	131,960	131,960	131,960	99.2	99.2	99.2	11,635	16,231	17,158	176	246	260
Nursery and greenhouse	202	177	177	177	87.6	87.6	87.6	13	16	18	147	181	203
Small fruits	23,568	2,970	2,970	2,970	12.6	12.6	12.6	83	83	83	56	56	56
Tree fruits	5,379	908	800	800	16.9	14.9	14.9	38	18	18	84	45	45
Intertilled crops	184,324	149,824	149,716	149,716	81.3	81.2	81.2	12,089	16,914	17,735	161	226	237
Wheat	337	116	116	116	34.4	34.4	34.4	1	3	2	17	52	34
Rye	165	---	34	---	---	20.6	---	---	1	---	---	59	---
Oats	50,757	19,326	19,326	19,326	38.1	38.1	38.1	162	311	311	17	32	32
Close-growing crops	51,259	19,442	19,476	19,442	37.9	38.0	37.9	163	315	313	17	32	32
Tame hay and cropland pasture	398,405	38,000	48,000	43,000	9.5	12.0	10.8	1,344	1,879	1,479	71	78	69
Improved permanent pasture	92,250	4,300	4,700	4,500	4.7	5.1	4.9	111	203	153	52	86	68
Hay and pasture	490,655	42,300	52,700	47,500	8.6	10.7	9.7	1,455	2,082	1,632	69	79	69
Total	726,238	211,566	221,892	216,658	29.1	30.6	29.8	13,707	19,311	19,680	130	174	182
New Hampshire:													
Corn	3,876	3,294	3,294	3,294	85.0	85.0	85.0	75	159	112	46	97	68
Dry beans	37	25	25	25	67.6	67.6	67.6	1	1	1	80	80	80
Vegetables	1,897	767	767	767	40.4	40.4	40.4	15	23	19	39	60	50
Potatoes	874	715	715	715	81.8	81.8	81.8	40	80	80	112	224	224
Nursery and greenhouse	42	38	38	38	90.5	90.5	90.5	3	4	5	158	211	263
Small fruits	879	168	168	168	19.1	19.1	19.1	5	5	5	60	60	60
Tree fruits	1,022	337	250	250	33.0	24.5	24.5	11	5	5	65	40	40
Intertilled crops	8,627	5,344	5,257	5,257	61.9	60.9	60.9	150	277	227	56	105	86
Rye	28	---	---	---	---	---	---	---	---	---	---	---	---
Oats	436	160	160	160	36.7	36.7	36.7	3	6	6	38	75	75
Close-growing crops	464	160	160	160	36.7	36.7	36.7	3	6	6	38	75	75
Tame hay and cropland pasture	119,473	23,000	26,000	24,000	19.3	21.8	20.1	568	826	759	49	64	63
Improved permanent pasture	31,637	1,500	2,000	1,800	4.7	6.3	5.7	39	77	77	52	77	86
Hay and pasture	151,110	24,500	28,000	25,800	16.2	18.5	17.1	607	903	836	50	65	65
Total	160,201	30,004	33,417	31,217	18.7	20.9	19.5	760	1,186	1,069	51	71	68
Vermont:													
Corn	22,101	18,366	18,366	18,366	83.1	83.1	83.1	339	627	586	37	68	64
Dry beans	39	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	3,262	1,685	1,906	1,785	51.7	58.4	54.7	22	35	31	26	37	35
Potatoes	1,694	1,354	1,354	1,354	79.9	79.9	79.9	84	120	130	124	177	192
Nursery and greenhouse	288	269	269	269	93.4	93.4	93.4	20	25	29	149	186	216
Small fruits	121	41	41	41	33.9	33.9	33.9	1	1	1	49	49	49
Tree fruits	3,061	1,962	1,500	1,500	64.1	49.0	49.0	57	28	28	58	37	37
Intertilled crops	30,566	23,677	23,436	23,315	77.5	76.7	76.3	523	836	805	44	71	69
Wheat	11	---	---	---	---	---	---	---	---	---	---	---	---
Rye	28	---	23	---	---	82.1	---	---	1	---	---	87	---
Oats	2,846	2,135	2,135	2,135	75.0	75.0	75.0	26	52	52	24	49	49
Close-growing crops	2,885	2,135	2,158	2,135	74.0	74.8	74.0	26	53	52	24	49	49
Tame hay and cropland pasture	427,098	75,000	104,000	100,000	17.6	24.4	23.4	595	2,933	1,977	16	56	40
Improved permanent pasture	273,831	12,000	13,000	12,000	4.4	4.7	4.4	105	230	200	18	35	33
Hay and pasture	700,929	87,000	117,000	112,000	12.4	16.7	16.0	700	3,163	2,177	16	54	39
Total	734,380	112,812	142,594	137,450	15.4	19.4	18.7	1,249	4,052	3,034	22	57	44
Total:													
Corn	31,492	26,223	26,223	26,223	83.3	83.3	83.3	536	1,043	903	41	80	69
Dry beans	1,207	1,145	1,145	1,145	94.9	94.9	94.9	28	41	41	49	72	72
Vegetables	20,727	10,578	10,799	10,678	51.0	52.1	51.5	208	327	263	39	61	49
Potatoes	135,529	134,029	134,029	134,029	98.9	98.9	98.9	11,759	16,431	17,368	175	245	259
Nursery and greenhouse	532	484	484	484	91.0	91.0	91.0	36	45	52	149	186	215
Small fruits	24,568	3,179	3,179	3,179	12.9	12.9	12.9	89	89	89	56	56	56
Tree fruits	9,462	3,207	2,550	2,550	33.9	26.9	26.9	106	51	51	66	40	40
Intertilled crops	223,517	178,845	178,409	178,288	80.0	79.8	79.8	12,762	18,027	18,767	143	202	211

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	348	116	116	116	33.3	33.3	33.3	1	3	2	17	52	34
Rye	221	---	57	---	---	25.8	---	---	2	---	---	70	---
Oats	54,039	21,621	21,621	21,621	40.0	40.0	40.0	191	369	369	18	34	34
Close-growing crops	54,608	21,737	21,794	21,737	39.8	39.9	39.8	192	374	371	18	34	34
Tame hay and cropland pasture	944,976	136,000	178,000	167,000	14.4	18.8	17.7	2,507	5,638	4,215	37	63	50
Improved permanent pasture	397,718	17,800	19,700	18,300	4.5	5.0	4.6	255	510	430	29	52	47
Hay and pasture	1,342,694	153,800	197,700	185,300	11.5	14.7	13.8	2,762	6,148	4,645	36	62	50
Total	1,620,819	354,382	397,903	385,325	21.9	24.5	23.8	15,716	24,549	23,783	89	123	123
ASR-2, PORTION IN:													
Connecticut:													
Corn	21,891	20,742	20,742	20,742	94.8	94.8	94.8	407	519	519	39	50	50
Tobacco	9,150	9,150	9,150	9,150	100.0	100.0	100.0	1,180	590	942	258	129	206
Vegetables	12,145	12,145	12,145	12,145	100.0	100.0	100.0	523	679	679	86	112	112
Potatoes	6,695	6,695	6,695	6,695	100.0	100.0	100.0	636	670	670	190	200	200
Nursery and greenhouse	3,706	3,706	3,706	3,706	100.0	100.0	100.0	67	112	118	36	60	64
Small fruits	465	465	465	465	100.0	100.0	100.0	23	23	23	99	99	99
Tree fruits	7,558	6,603	6,603	6,603	87.4	87.4	87.4	134	134	134	41	41	41
Intertilled crops	61,610	59,506	59,506	59,506	96.6	96.6	96.6	2,970	2,727	3,085	100	92	104
Wheat	233	233	---	---	100.0	---	---	4	---	---	34	---	---
Rye	741	741	---	---	100.0	---	---	11	---	---	30	---	---
Oats	335	335	---	---	100.0	---	---	5	---	---	30	---	---
Close-growing crops	1,309	1,309	---	---	100.0	---	---	20	---	---	31	---	---
Tame hay and cropland pasture	179,732	31,847	60,862	60,862	17.7	33.9	33.9	505	1,671	2,522	32	55	83
Improved permanent pasture	71,438	5,637	5,637	5,637	7.9	7.9	7.9	57	84	84	20	30	30
Hay and pasture	251,170	37,484	66,499	66,499	14.9	26.5	26.5	562	1,755	2,606	30	53	78
Total	314,089	98,299	126,005	126,005	31.3	40.1	40.1	3,552	4,482	5,691	72	71	90
Maine:													
Corn	3,501	3,083	3,083	3,083	88.1	88.1	88.1	78	165	158	51	107	102
Dry beans	284	281	281	281	98.9	98.9	98.9	8	30	30	57	214	214
Vegetables	6,106	4,166	4,376	4,266	68.2	71.7	69.9	107	153	121	51	70	57
Potatoes	1,376	506	506	506	36.8	36.8	36.8	33	48	52	130	190	206
Nursery and greenhouse	118	104	104	104	88.1	88.1	88.1	9	11	13	173	212	250
Small fruits	1,894	1,358	1,358	1,358	71.7	71.7	71.7	48	48	49	71	71	71
Tree fruits	5,671	1,081	800	800	19.1	14.1	14.1	43	22	22	80	55	55
Intertilled crops	18,950	10,579	10,508	10,398	55.8	55.5	54.9	326	477	444	62	91	85
Wheat	18	---	---	---	---	---	---	---	---	---	---	---	---
Rye	131	46	46	46	35.1	35.1	35.1	1	1	1	43	43	43
Oats	1,054	936	936	936	88.8	88.8	88.8	13	19	19	28	41	41
Close-growing crops	1,203	982	982	982	81.6	81.6	81.6	14	20	20	29	41	41
Tame hay and cropland pasture	224,067	23,000	26,000	24,000	10.3	11.6	10.7	780	1,057	1,121	68	81	93
Improved permanent pasture	41,030	2,300	2,500	2,400	5.6	6.1	5.8	40	80	80	35	64	67
Hay and pasture	265,097	25,300	28,500	26,400	9.5	10.8	10.0	820	1,137	1,201	65	80	91
Total	285,250	36,861	39,990	37,780	12.9	14.0	13.2	1,160	1,634	1,665	63	82	88
Massachusetts:													
Corn	23,351	23,000	23,000	23,000	98.5	98.5	98.5	600	750	750	52	65	65
Tobacco	3,233	3,233	3,233	3,233	100.0	100.0	100.0	310	160	310	192	99	192
Vegetables	33,437	33,000	33,000	33,000	98.7	98.7	98.7	1,770	1,900	1,620	107	115	98
Potatoes	6,159	6,159	6,159	6,159	100.0	100.0	100.0	343	650	650	111	211	211
Nursery and greenhouse	5,302	5,302	5,302	5,302	100.0	100.0	100.0	800	600	600	302	226	226
Small fruits	13,069	10,000	10,000	10,000	76.5	76.5	76.5	250	300	250	50	60	50
Tree fruits	10,851	9,500	9,000	8,000	87.5	82.9	73.7	180	300	250	38	67	63
Intertilled crops	95,402	90,194	89,694	88,694	94.5	94.0	93.0	4,253	4,660	4,430	94	104	100
Wheat	355	300	300	300	84.5	84.5	84.5	10	15	15	67	100	100
Rye	985	300	300	300	30.5	30.5	30.5	10	15	15	67	100	100
Oats	1,081	1,000	1,000	1,000	92.5	92.5	92.5	30	40	40	60	80	80
Close-growing crops	2,421	1,600	1,600	1,600	66.1	66.1	66.1	50	70	70	63	88	88
Tame hay and cropland pasture	313,055	76,000	80,000	90,000	24.3	25.6	28.7	1,690	2,892	2,552	44	72	57
Improved permanent pasture	90,483	13,865	10,000	10,000	15.3	11.1	11.1	303	226	226	44	45	45
Hay and pasture	403,538	89,865	90,000	100,000	22.3	22.3	24.8	1,993	3,116	2,778	44	69	56
Total	501,361	181,659	181,294	190,294	36.2	36.2	38.0	6,296	7,846	7,278	69	87	76

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
New Hampshire:													
Corn	5,849	5,401	5,401	5,401	92.3	92.3	92.3	119	247	174	44	91	64
Dry beans	24	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	4,969	3,102	3,102	3,102	62.4	62.4	62.4	64	99	80	41	64	52
Potatoes	746	553	553	553	74.1	74.1	74.1	37	74	74	134	268	268
Nursery and greenhouse	329	315	315	315	95.7	95.7	95.7	24	30	35	152	190	222
Small fruits	865	233	233	233	26.9	26.9	26.9	6	6	6	52	52	52
Tree fruits	6,274	2,946	2,000	2,000	47.0	31.9	31.9	87	44	44	59	44	44
Intertilled crops	19,056	12,550	11,604	11,604	65.9	60.9	60.9	337	500	413	54	86	71
Wheat	5	---	---	---	---	---	---	---	---	---	---	---	---
Rye	164	95	95	95	57.9	57.9	57.9	1	2	2	21	42	42
Oats	238	210	210	210	88.2	88.2	88.2	3	6	6	29	57	57
Close-growing crops	407	305	305	305	74.9	74.9	74.9	4	8	8	26	52	52
Tame hay and cropland pasture	133,502	22,000	25,000	24,000	16.5	18.7	18.0	368	604	577	33	48	48
Improved permanent pasture	24,764	2,000	2,400	2,200	8.1	9.7	8.9	43	87	87	43	73	79
Hay and pasture	158,266	24,000	27,400	26,200	15.2	17.3	16.6	411	691	664	34	50	51
Total	177,729	36,855	39,309	38,109	20.7	22.1	21.4	752	1,199	1,085	41	61	57
Rhode Island:													
Corn	4,552	3,650	3,650	3,650	80.2	80.2	80.2	72	144	144	39	79	79
Vegetables	2,053	2,053	2,053	2,053	100.0	100.0	100.0	103	206	206	100	201	201
Potatoes	4,898	4,898	4,898	4,898	100.0	100.0	100.0	314	471	471	128	192	192
Nursery and greenhouse	2,195	2,195	2,195	2,195	100.0	100.0	100.0	110	110	110	100	100	100
Small fruits	50	50	50	50	100.0	100.0	100.0	2	1	1	80	40	40
Tree fruits	1,106	1,106	1,106	1,106	100.0	100.0	100.0	46	28	28	83	51	51
Intertilled crops	14,854	13,952	13,952	13,952	93.9	93.9	93.9	647	960	960	93	138	138
Wheat	60	60	60	60	100.0	100.0	100.0	1	2	2	33	67	67
Rye	416	416	416	416	100.0	100.0	100.0	5	10	10	24	48	48
Oats	92	92	92	92	100.0	100.0	100.0	1	2	2	22	43	43
Close-growing crops	568	568	568	568	100.0	100.0	100.0	7	14	14	25	49	49
Tame hay and cropland pasture	34,849	21,000	21,000	21,000	60.3	60.3	60.3	262	524	524	25	50	50
Improved permanent pasture	10,144	1,200	1,200	1,200	11.8	11.8	11.8	30	30	30	50	50	50
Hay and pasture	44,993	22,200	22,200	22,200	49.3	49.3	49.3	292	554	554	26	50	50
Total	60,415	36,720	36,720	36,720	60.8	60.8	60.8	946	1,528	1,528	52	83	83
Total:													
Corn	59,144	55,876	55,876	55,876	94.5	94.5	94.5	1,276	1,825	1,745	46	65	62
Tobacco	12,383	12,383	12,383	12,383	100.0	100.0	100.0	1,490	750	1,252	241	121	202
Dry beans	308	281	281	281	91.2	91.2	91.2	8	30	30	57	213	213
Vegetables	58,710	54,466	54,676	54,566	92.8	93.1	92.9	2,567	3,037	2,706	94	111	99
Potatoes	19,874	18,811	18,811	18,811	94.7	94.7	94.7	1,363	1,913	1,917	145	203	204
Nursery and greenhouse	11,650	11,622	11,622	11,622	99.8	99.8	99.8	1,010	863	876	174	149	151
Small fruits	16,343	12,106	12,106	12,106	74.1	74.1	74.1	329	378	328	54	62	54
Tree fruits	31,460	21,236	19,509	18,509	67.5	62.0	58.8	490	528	478	46	54	52
Intertilled fruits	209,872	186,781	185,264	184,154	89.0	88.3	87.7	8,533	9,324	9,332	51	101	101
Wheat	671	593	360	360	88.3	53.7	53.7	15	17	17	51	94	94
Rye	2,437	1,598	857	857	65.6	35.2	35.2	28	28	28	35	65	65
Oats	2,800	2,573	2,238	2,238	91.9	79.9	79.9	52	67	67	40	60	60
Close-growing crops	5,908	4,764	3,455	3,455	80.6	58.5	58.5	95	112	112	40	65	65
Tame hay and cropland pasture	885,205	173,847	212,862	219,862	19.6	24.0	24.8	3,605	6,746	7,296	41	63	66
Improved permanent pasture	237,859	25,002	21,737	21,437	10.5	9.1	9.0	473	507	507	38	47	47
Hay and pasture	1,123,064	198,849	234,599	241,299	17.7	20.9	21.5	4,078	7,253	7,803	41	62	65
Total	1,338,844	390,394	423,318	428,908	29.2	31.6	32.0	12,705	16,689	17,247	65	79	80
ASR-3, PORTION IN:													
Connecticut:													
Corn	7,663	7,258	7,258	7,258	94.7	94.7	94.7	143	181	181	39	50	50
Vegetables	1,346	1,346	1,345	1,346	100.0	100.0	100.0	47	69	69	70	103	103
Potatoes	105	105	105	105	100.0	100.0	100.0	10	10	10	190	190	190
Nursery and greenhouse	1,254	1,254	1,254	1,254	100.0	100.0	100.0	22	38	40	35	61	64
Small fruits	51	51	51	51	100.0	100.0	100.0	3	3	3	118	118	118
Tree fruits	1,324	1,157	1,157	1,157	87.4	87.4	87.4	24	24	24	41	41	41
Intertilled crops	11,743	11,171	11,171	11,171	95.1	95.1	95.1	249	325	327	45	58	59

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	27	27	---	---	100.0	---	---	---	---	---	30	---	---
Rye	56	56	---	---	100.0	---	---	1	---	---	36	---	---
Oats	711	711	---	---	100.0	---	---	11	---	---	31	---	---
Close-growing crops	794	794	---	---	100.0	---	---	12	---	---	30	---	---
Tame hay and cropland pasture	74,230	13,153	25,138	25,138	17.7	33.9	33.9	208	690	1,041	32	55	83
Improved permanent pasture	39,264	2,525	2,525	2,525	6.4	6.4	6.4	25	38	38	20	30	30
Hay and pasture	113,494	15,678	27,663	27,663	13.8	24.4	24.4	233	728	1,079	30	53	78
Total	126,031	27,643	38,834	38,834	21.9	30.8	30.8	494	1,053	1,406	36	54	72
New Jersey:													
Corn	68,463	54,782	54,782	54,782	80.0	80.0	80.0	1,627	1,707	1,329	59	62	49
Soybeans	19,692	12,385	12,385	12,385	62.9	62.9	62.9	161	503	503	26	81	81
Vegetables	19,523	17,340	17,340	17,340	88.8	88.8	88.8	877	1,327	1,198	101	153	138
Potatoes	14,101	14,101	14,101	14,101	100.0	100.0	100.0	869	1,308	1,244	123	186	176
Sweet potatoes	66	63	63	63	95.5	95.5	95.5	1	4	5	32	127	159
Nursery and greenhouse	6,123	4,901	4,901	4,901	80.0	80.0	80.0	247	247	247	101	101	101
Small fruits	545	273	273	273	50.0	50.0	50.0	15	15	10	110	110	73
Tree fruits	9,538	8,235	8,235	8,235	86.3	86.3	86.3	203	203	203	49	49	49
Intertilled crops	138,051	112,080	112,080	112,080	81.2	81.2	81.2	4,000	5,314	4,739	71	95	85
Wheat	30,982	26,967	26,967	26,967	87.0	87.0	87.0	352	711	667	26	53	49
Rye	3,704	1,527	1,527	1,527	41.2	41.2	41.2	19	38	38	25	50	50
Oats	14,211	4,369	4,369	4,369	30.7	30.7	30.7	55	109	117	25	50	54
Barley	8,434	6,615	6,615	6,615	78.4	78.4	78.4	104	160	150	31	48	45
Close-growing crops	57,331	39,478	39,478	39,478	68.9	68.9	68.9	530	1,018	972	27	52	49
Tame hay and cropland pasture	184,034	37,880	47,981	47,981	20.6	26.1	26.1	775	2,326	3,102	41	97	129
Improved permanent pasture	52,460	9,755	9,267	9,267	18.6	17.7	17.7	176	355	311	36	77	67
Hay and pasture	236,494	47,635	57,248	57,248	20.1	24.2	24.2	951	2,681	3,413	40	94	119
Total	431,876	199,193	208,806	208,806	46.1	48.3	48.3	5,481	9,013	9,124	55	86	87
New York:													
Corn	104,475	87,010	88,360	87,571	83.3	84.6	83.8	1,697	2,253	1,489	39	51	34
Soybeans	1,135	997	1,010	1,005	87.8	89.0	88.5	7	25	23	14	50	46
Dry beans	65	57	58	57	87.7	89.2	87.7	1	1	1	35	34	35
Vegetables	38,348	32,282	32,282	32,282	84.2	84.2	84.2	1,854	2,512	2,350	115	156	146
Potatoes	45,812	44,255	44,255	44,255	96.6	96.6	96.6	2,655	5,311	5,311	120	240	240
Nursery and greenhouse	8,590	7,731	7,731	7,731	90.0	90.0	90.0	827	827	827	214	214	214
Small fruits	850	680	255	680	80.0	30.0	80.0	15	5	20	44	39	59
Tree fruits	42,852	34,282	6,428	8,570	80.0	15.0	20.0	498	40	78	29	12	18
Intertilled crops	242,127	207,294	180,379	182,151	85.6	74.5	75.2	7,554	10,974	10,099	72	122	111
Wheat	6,585	4,135	4,603	4,511	62.8	69.9	68.5	56	108	90	27	47	40
Rye	4,151	836	935	909	20.1	22.5	21.9	11	24	19	26	51	42
Buckwheat	595	240	275	261	40.3	46.2	43.9	2	5	5	17	36	38
Oats	45,219	23,741	27,126	25,755	52.5	60.0	57.0	296	692	593	25	51	46
Barley	540	288	329	313	53.3	60.9	58.0	4	8	7	28	49	45
Close-growing crops	57,090	29,240	33,268	31,749	51.2	58.3	55.6	369	837	714	25	51	45
Tame hay and cropland pasture	779,637	42,215	82,384	79,102	5.4	10.6	10.1	865	2,842	2,294	41	69	58
Improved permanent pasture	325,433	6,376	10,627	9,564	2.0	3.3	2.9	129	292	239	40	55	50
Hay and pasture	1,105,060	48,591	93,011	88,666	4.4	8.4	8.0	994	3,134	2,533	41	67	57
Total	1,404,287	285,125	306,658	302,566	20.3	21.8	21.5	8,917	14,945	13,346	63	97	88
Total:													
Corn	180,601	149,050	150,400	149,611	82.5	83.3	82.8	3,467	4,141	2,999	47	55	40
Soybeans	20,827	13,382	13,395	13,390	64.3	64.3	64.3	168	528	526	25	79	79
Dry beans	65	57	58	57	87.7	89.2	87.7	1	1	1	35	34	35
Vegetables	99,217	50,968	50,968	50,968	86.1	86.1	86.1	2,778	3,908	3,617	109	153	142
Potatoes	60,018	58,461	58,461	58,461	97.4	97.4	97.4	3,534	6,629	6,565	121	227	225
Sweet potatoes	66	63	63	63	95.5	95.5	95.5	1	4	5	32	127	159
Nursery and greenhouse	15,967	13,886	13,886	13,886	87.0	87.0	87.0	1,096	1,112	1,114	158	160	160
Small fruits	1,446	1,004	579	1,004	69.4	40.0	69.4	33	23	33	66	79	66
Tree fruits	53,714	43,674	15,820	17,962	81.3	29.5	33.4	725	267	305	33	34	34
Intertilled crops	391,921	330,545	303,630	305,402	84.3	77.5	77.9	11,803	16,613	15,165	71	109	99
Wheat	37,594	31,129	31,570	31,478	82.8	84.0	83.7	408	819	757	26	52	48
Rye	7,911	2,419	2,462	2,436	30.6	31.1	30.8	31	62	57	26	50	47
Buckwheat	595	240	275	261	40.3	46.2	43.9	2	5	5	17	36	38
Oats	60,141	28,821	31,495	30,124	47.9	52.4	50.1	362	801	710	25	51	47
Barley	8,974	6,903	6,944	6,928	76.9	77.4	77.2	108	168	157	31	48	45
Close-growing crops	115,215	69,512	72,746	71,227	60.3	63.1	61.8	911	1,855	1,686	26	51	47

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	1,037,901	93,248	155,503	152,221	9.0	15.0	14.7	1,848	5,858	6,437	40	75	85
Improved permanent pasture	417,157	18,656	22,419	21,356	4.5	5.4	5.1	330	685	588	35	61	55
Hay and pasture	1,455,048	111,904	177,922	173,577	7.7	12.2	11.9	2,178	6,543	7,025	39	74	81
Total	1,962,194	511,961	554,298	550,206	26.1	28.2	28.0	14,892	25,011	23,876	58	90	87
ASR-4, PORTION IN:													
New York:													
Corn	46,027	33,640	33,640	33,640	73.1	73.1	73.1	589	841	723	35	50	43
Soybeans	130	106	108	107	81.5	83.1	82.3	2	3	3	38	56	56
Dry beans	104	84	86	86	80.8	82.7	82.7	1	2	2	24	47	47
Vegetables	3,088	1,810	1,810	1,810	58.6	58.6	58.6	35	69	105	39	76	116
Potatoes	2,123	1,671	1,671	1,671	78.7	78.7	78.7	100	201	201	120	241	241
Nursery and greenhouse	301	271	271	271	90.0	90.0	90.0	29	29	29	214	214	214
Small fruits	85	68	13	68	80.0	15.3	80.0	2	---	1	59	15	29
Tree fruits	2,741	2,193	411	548	80.0	15.0	20.0	25	---	4	23	5	15
Intertilled crops	54,599	39,843	38,010	38,201	73.0	69.6	70.0	783	1,145	1,068	39	60	56
Wheat	1,603	1,128	1,158	1,146	70.4	72.2	71.5	15	24	24	27	41	42
Rye	334	118	123	121	35.3	36.8	36.2	1	3	3	17	49	50
Buckwheat	343	143	169	147	41.7	49.3	42.9	1	3	2	14	36	27
Oats	89,460	42,365	43,844	43,326	47.4	49.0	48.4	490	1,009	931	23	46	43
Barley	467	213	220	218	45.6	47.1	46.7	2	5	5	19	45	46
Seed crops	3,367	1,538	3,030	2,890	45.7	90.0	85.8	19	74	74	25	49	51
Close-growing crops	95,574	45,505	48,544	47,848	47.6	50.8	50.1	528	1,118	1,039	23	46	43
Tame hay and cropland pasture	802,426	16,071	31,657	30,193	2.0	3.9	3.8	217	950	770	27	60	51
Improved permanent pasture	480,329	2,435	3,865	3,494	0.5	0.8	0.7	30	87	70	25	45	40
Hay and pasture	1,282,755	18,506	35,522	33,687	1.4	2.8	2.6	247	1,037	840	27	58	50
Total	1,432,928	103,854	122,076	119,736	7.2	8.5	8.4	1,558	3,300	2,947	30	54	49
Vermont:													
Corn	24,593	21,176	21,176	21,176	86.1	86.1	86.1	353	756	655	33	71	62
Dry beans	22	21	21	21	95.5	95.5	95.5	1	1	1	95	95	95
Vegetables	2,076	1,351	1,351	1,351	65.1	65.1	65.1	25	42	36	37	62	53
Potatoes	522	448	448	448	85.8	85.8	85.8	29	50	55	129	223	246
Nursery and greenhouse	112	111	111	111	99.1	99.1	99.1	10	12	14	180	216	252
Small fruits	69	26	26	26	37.7	37.7	37.7	1	1	1	77	77	77
Tree fruits	1,813	1,255	1,000	1,000	69.2	55.2	55.2	39	20	20	62	40	40
Intertilled crops	29,207	24,388	24,133	24,133	83.5	82.6	82.6	458	882	782	38	73	65
Wheat	770	693	693	693	90.0	90.0	90.0	5	12	10	14	35	29
Rye	58	48	43	48	82.8	82.8	82.8	1	1	1	42	42	42
Oats	13,632	10,313	10,313	10,313	75.7	75.7	75.7	85	190	180	16	37	35
Close-growing crops	14,460	11,054	11,054	11,054	76.4	76.4	76.4	91	203	191	16	37	35
Tame hay and cropland pasture	443,468	75,000	100,000	100,000	16.9	22.5	22.5	726	3,044	2,108	19	61	42
Improved permanent pasture	247,266	12,000	13,000	12,000	4.9	5.3	4.9	80	260	205	13	40	34
Hay and pasture	690,734	87,000	113,000	112,000	12.6	16.4	16.2	806	3,304	2,313	19	58	41
Total	734,401	122,442	148,187	147,187	16.7	20.2	20.0	1,355	4,389	3,286	22	59	45
Total:													
Corn	70,620	54,816	54,816	54,816	77.6	77.6	77.6	942	1,597	1,378	34	58	50
Soybeans	130	106	108	107	81.5	83.1	82.3	2	3	3	38	56	56
Dry beans	126	105	107	107	83.3	84.9	84.9	2	3	3	38	56	56
Vegetables	5,164	3,161	3,161	3,161	61.2	61.2	61.2	60	111	141	38	70	89
Potatoes	2,645	2,119	2,119	2,119	80.1	80.1	80.1	129	251	256	122	237	242
Nursery and greenhouse	413	382	382	382	92.5	92.5	92.5	39	41	43	204	215	225
Small fruits	154	94	39	94	61.0	25.3	61.0	3	1	2	64	51	43
Tree fruits	4,554	3,448	1,411	1,548	75.7	31.0	34.0	64	20	24	37	28	48
Intertilled crops	83,806	64,231	62,143	62,334	76.6	74.2	74.4	1,241	2,027	1,850	39	65	59
Wheat	2,373	1,821	1,851	1,839	76.7	78.0	77.5	20	36	34	22	39	37
Rye	392	166	171	169	42.3	43.6	42.9	2	4	4	24	47	47
Buckwheat	343	143	169	147	41.7	49.3	42.9	1	3	2	14	36	27
Oats	103,092	52,678	54,157	53,639	51.1	52.5	52.0	575	1,199	1,111	22	44	41
Barley	467	213	220	218	45.6	47.1	46.7	2	5	5	19	45	46
Seed crops	3,367	1,538	3,030	2,890	45.7	90.0	85.8	19	74	74	25	49	51
Close-growing crops	110,034	56,559	59,598	58,902	51.4	54.2	53.5	619	1,321	1,230	22	44	42

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	1,245,894	91,071	131,657	130,193	7.3	10.6	10.4	943	3,994	2,878	21	61	44
Improved permanent pasture	727,595	14,435	16,865	15,494	2.0	2.3	2.1	110	347	275	15	41	35
Hay and pasture	1,973,489	105,506	148,522	145,687	5.3	7.5	7.4	1,053	4,341	3,153	20	58	43
Total	2,167,329	226,296	270,263	266,923	10.4	12.4	12.3	2,913	7,689	6,233	26	57	47
ASR-5, PORTION IN:													
New York:													
Corn	152,971	139,532	141,967	140,468	91.2	92.8	91.8	2,162	3,052	2,177	31	43	31
Soybeans	527	428	440	436	81.2	83.5	82.7	7	12	11	33	55	50
Dry beans	16,575	13,392	13,755	13,622	80.8	83.0	82.2	207	364	348	31	53	51
Vegetables	35,528	29,455	29,455	29,455	82.9	82.9	82.9	866	1,731	1,602	59	117	109
Potatoes	5,639	4,411	4,411	4,411	78.2	78.2	78.2	265	529	529	120	240	240
Nursery and greenhouse	643	579	579	579	90.0	90.0	90.0	62	62	62	214	214	214
Small fruits	407	326	122	326	80.1	30.0	80.1	8	3	15	49	49	92
Tree fruits	5,149	4,119	772	1,030	80.0	15.0	20.0	60	2	15	29	5	29
Intertilled crops	217,439	192,242	191,501	190,327	88.4	88.1	87.5	3,637	5,755	4,759	38	60	50
Wheat	31,668	27,504	28,939	28,712	86.9	91.4	90.7	261	578	502	19	40	35
Rye	1,173	414	447	447	35.3	38.1	38.1	4	9	7	19	40	31
Buckwheat	1,481	615	755	663	41.5	51.0	44.8	4	11	8	13	29	24
Oats	137,720	95,741	103,270	103,270	69.5	75.0	75.0	910	2,065	1,807	19	40	35
Barley	3,940	2,758	2,975	2,975	70.0	75.5	75.5	26	60	52	19	40	35
Close-growing crops	175,982	127,032	136,386	136,067	72.2	77.5	77.3	1,205	2,723	2,376	19	40	35
Tame hay and cropland pasture	759,025	31,798	64,165	53,943	4.2	8.4	7.1	397	1,925	1,160	25	60	43
Improved permanent pasture	475,214	6,810	11,350	10,215	1.4	23.9	21.5	85	255	204	25	45	40
Hay and pasture	1,234,239	38,608	75,515	64,158	3.1	6.1	5.2	482	2,180	1,364	25	58	43
Total	1,627,660	357,882	403,402	390,552	22.0	24.8	24.0	5,324	10,658	8,499	30	53	44
ASR-6, PORTION IN:													
New York:													
Corn	197,379	195,010	196,662	195,498	98.8	99.6	99.0	3,510	5,015	3,906	36	51	40
Soybeans	2,026	1,781	1,806	1,796	87.9	89.1	88.6	14	44	41	16	49	46
Dry beans	63,847	56,055	56,821	56,502	87.8	89.0	88.5	449	1,392	1,300	16	49	46
Vegetables	96,298	85,489	85,489	85,489	88.8	88.8	88.8	3,788	5,082	4,627	89	119	108
Potatoes	14,680	13,182	13,182	13,182	89.8	89.8	89.8	791	1,582	1,582	120	240	240
Nursery and greenhouse	6,842	6,158	6,158	6,158	90.0	90.0	90.0	659	659	659	214	214	214
Small fruits	3,163	2,530	474	2,530	80.0	15.0	80.0	75	6	110	59	25	87
Tree fruits	79,837	63,870	11,978	15,967	80.0	15.0	20.0	1,000	60	150	31	10	19
Intertilled crops	464,072	424,075	372,570	377,122	91.4	80.3	81.3	10,286	13,840	12,375	49	74	66
Wheat	173,332	164,109	165,161	163,896	94.7	95.3	94.6	1,723	3,220	2,868	21	39	35
Rye	4,550	2,311	2,311	2,311	50.8	50.8	50.8	21	43	38	18	37	33
Buckwheat	5,618	2,573	3,146	2,955	45.8	56.0	52.6	19	44	37	15	28	25
Oats	179,922	143,091	145,725	144,498	79.5	81.0	80.3	1,431	2,768	2,384	20	38	33
Barley	16,269	12,952	13,190	13,079	79.6	81.1	80.4	129	251	216	20	38	33
Seed crops	3,668	1,940	3,301	3,024	52.9	90.0	82.4	29	84	73	30	51	48
Close-growing crops	383,359	326,976	332,834	329,763	85.3	86.8	86.0	3,352	6,410	5,616	21	39	34
Tame hay and cropland pasture	686,612	36,190	60,669	56,414	5.3	8.8	8.2	489	1,850	1,354	27	61	48
Improved permanent pasture	209,030	4,252	6,847	5,601	2.0	3.3	2.7	53	154	112	25	45	40
Hay and pasture	895,842	40,442	67,516	62,015	4.5	7.5	6.9	542	2,004	1,466	27	59	47
Total	1,743,273	791,493	772,920	768,900	45.4	44.3	44.1	14,180	22,254	19,457	36	58	51
ASR-7, PORTION IN:													
New York:													
Corn	122,112	111,921	113,576	112,764	91.7	93.0	92.3	2,966	2,896	2,198	53	51	39
Soybeans	690	556	571	566	80.6	82.8	80.6	9	15	14	32	53	49
Dry beans	5,513	4,455	4,577	4,531	80.8	83.0	82.2	69	121	116	31	53	51
Vegetables	16,751	11,250	11,250	11,250	67.2	67.2	67.2	257	510	454	46	91	81
Potatoes	16,023	15,782	15,782	15,782	98.5	98.5	98.5	947	1,894	1,894	120	240	240
Nursery and greenhouse	1,670	1,503	1,503	1,503	90.0	90.0	90.0	161	161	161	214	214	214
Small fruits	721	577	108	577	80.0	15.0	80.0	15	1	30	52	19	104
Tree fruits	24,805	19,844	3,721	4,961	80.0	15.0	20.0	238	20	45	24	11	18
Intertilled crops	188,285	165,888	151,088	151,934	88.1	80.2	80.7	4,662	5,618	4,912	56	74	65
Wheat	28,798	24,560	25,094	24,927	85.3	87.1	86.6	282	501	289	23	40	23
Rye	2,705	1,321	1,285	1,253	48.8	47.5	46.3	18	26	22	27	40	35
Buckwheat	9,833	5,855	6,686	5,855	59.5	68.0	59.5	53	110	70	18	33	24
Oats	160,512	117,930	122,031	120,718	73.5	76.0	75.2	1,356	2,623	2,112	23	43	35
Barley	3,667	2,653	2,745	2,716	72.3	74.9	74.1	30	59	48	23	43	35
Seed crops	5,429	2,787	4,886	3,893	51.3	90.0	71.7	42	125	93	30	51	48
Close-growing crops	210,945	155,106	162,727	159,362	73.5	77.1	75.5	1,781	3,444	2,634	23	42	33

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	1,219,651	65,627	115,077	91,698	5.4	9.4	7.5	1,116	3,567	2,201	34	62	48
Improved permanent pasture	975,928	8,697	16,322	9,956	0.9	1.7	1.0	109	367	199	25	45	40
Hay and pasture	2,195,579	74,324	131,399	101,654	3.4	6.0	4.6	1,225	3,934	2,400	33	60	47
Total	2,594,809	395,318	445,214	412,950	15.2	17.2	15.9	7,668	12,996	9,946	39	58	48
Pennsylvania:													
Corn	60,130	53,965	53,965	53,965	89.7	89.7	89.7	1,546	1,864	1,727	57	69	64
Soybeans	3,283	1,970	1,970	1,970	60.0	60.0	60.0	3	11	9	3	11	9
Vegetables	5,574	4,242	4,242	4,242	76.1	76.1	76.1	198	326	257	93	154	121
Potatoes	2,141	1,742	1,742	1,742	81.4	81.4	81.4	80	175	165	92	201	189
Nursery and greenhouse	388	213	213	213	54.9	54.9	54.9	6	11	11	56	103	103
Small fruits	43	43	43	43	100.0	100.0	100.0	2	1	1	93	47	47
Tree fruits	1,991	1,095	1,095	1,095	55.0	55.0	55.0	42	25	25	77	46	46
Miscellaneous	3,139	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	76,689	63,270	63,270	63,270	82.5	82.5	82.5	1,877	2,413	2,195	59	76	69
Wheat	4,385	4,265	4,265	4,265	97.3	97.3	97.3	38	76	76	18	36	36
Rye	433	303	303	303	70.0	70.0	70.0	4	9	5	26	59	33
Buckwheat	2,119	954	954	954	45.0	45.0	45.0	2	5	3	4	10	6
Oats	62,955	45,328	45,328	45,328	72.0	72.0	72.0	218	437	437	10	19	19
Barley	486	340	340	340	70.0	70.0	70.0	6	12	12	35	71	71
Close-growing crops	70,378	51,190	51,190	51,190	72.7	72.7	72.7	268	539	533	10	21	21
Tame hay and cropland pasture	485,742	49,324	49,324	49,324	10.2	10.2	10.2	159	1,102	1,102	6	45	45
Improved permanent pasture	404,363	8,535	8,535	8,535	2.1	2.1	2.1	75	150	150	18	35	35
Hay and pasture	890,105	57,859	57,859	57,859	6.5	6.5	6.5	234	1,252	1,252	8	43	43
Total	1,037,172	172,319	172,319	172,319	16.6	16.6	16.6	2,379	4,204	3,980	28	49	46
Total:													
Corn	182,242	165,886	167,541	166,729	91.0	91.9	91.5	4,380	4,308	3,473	52	51	42
Soybeans	3,973	2,526	2,541	2,536	63.6	64.0	63.8	12	26	23	10	20	18
Dry beans	5,513	4,455	4,577	4,531	80.8	83.0	82.2	69	121	116	31	53	51
Vegetables	22,325	15,492	15,492	15,492	69.4	69.4	69.4	455	836	711	59	108	92
Potatoes	18,164	17,524	17,524	17,524	96.5	96.5	96.5	1,027	2,069	2,059	117	236	235
Nursery and greenhouse	2,058	1,716	1,716	1,716	83.4	83.4	83.4	167	172	172	195	200	200
Small fruits	764	620	151	620	81.2	19.8	81.2	17	2	31	55	26	100
Tree fruits	26,796	20,939	4,816	6,056	78.1	18.0	22.6	280	45	70	27	19	23
Miscellaneous	3,139	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	264,974	229,158	214,358	215,204	86.5	80.9	81.2	6,313	7,579	6,655	55	71	62
Wheat	33,183	28,825	29,359	29,192	86.9	88.5	88.0	507	951	739	35	65	51
Rye	3,139	1,624	1,588	1,556	51.7	50.6	49.6	22	35	27	27	44	35
Buckwheat	11,952	6,809	7,640	6,809	57.0	63.9	57.0	55	115	73	16	30	21
Oats	223,467	163,258	167,359	166,046	73.1	74.9	74.3	1,574	3,060	2,549	19	37	31
Barley	4,153	2,993	3,085	3,056	72.1	74.3	73.6	75	149	138	50	97	90
Seed crops	5,429	2,787	4,886	3,893	51.3	90.0	71.7	42	125	93	30	51	48
Close-growing crops	281,323	206,296	213,917	210,552	73.3	76.0	74.8	2,275	4,435	3,619	22	41	34
Tame hay and cropland pasture	1,705,393	114,951	164,401	141,022	6.7	9.6	8.3	1,275	4,669	3,303	22	57	47
Improved permanent pasture	1,380,291	17,232	24,857	18,491	1.2	1.8	1.3	184	517	349	21	42	38
Hay and pasture	3,085,684	132,183	189,258	159,513	4.3	6.1	5.2	1,459	5,186	3,652	22	55	46
Total	3,631,981	567,637	617,533	585,269	15.6	17.0	16.1	10,047	17,200	13,926	35	56	48
ASR-8, PORTION IN:													
Pennsylvania:													
Corn	268,363	247,887	247,887	247,887	92.4	92.4	92.4	4,883	5,172	4,620	39	42	37
Soybeans	4,777	2,866	2,866	2,866	60.0	60.0	60.0	9	42	32	6	29	22
Tobacco	209	209	209	209	100.0	100.0	100.0	4	7	11	38	67	105
Vegetables	25,644	21,843	21,843	21,843	85.2	85.2	85.2	738	1,211	957	68	111	88
Potatoes	8,266	7,320	7,320	7,320	88.6	88.6	88.6	297	649	611	81	177	167
Sweet potatoes	165	165	165	165	100.0	100.0	100.0	3	11	11	36	133	133
Nursery and greenhouse	3,150	1,733	1,733	1,733	55.0	55.0	55.0	23	40	40	27	46	46
Small fruits	759	759	759	759	100.0	100.0	100.0	8	5	5	21	13	13
Tree fruits	15,054	8,280	8,280	8,280	55.0	55.0	55.0	154	93	93	37	22	22
Miscellaneous	3,374	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	329,761	291,062	291,062	291,062	88.3	88.3	88.3	6,119	7,230	6,380	42	50	44
Wheat	142,243	131,830	131,830	131,830	92.7	92.7	92.7	855	1,732	1,770	13	26	27
Rye	5,069	3,548	3,548	3,548	70.0	70.0	70.0	14	34	21	8	19	12
Buckwheat	3,180	1,431	1,431	1,431	45.0	45.0	45.0	7	18	11	10	25	15
Oats	196,034	141,144	141,144	141,144	72.0	72.0	72.0	811	1,622	1,622	11	23	23
Barley	24,339	17,037	17,037	17,037	70.0	70.0	70.0	166	333	333	19	39	39
Close-growing crops	370,865	294,990	294,990	294,990	79.5	79.5	79.5	1,853	3,739	3,757	13	25	25

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	642,988	136,272	136,272	136,272	21.2	21.2	21.2	591	4,096	4,096	9	60	60
Improved permanent pasture	202,267	24,195	24,195	24,195	12.0	12.0	12.0	279	558	558	23	46	46
Hay and pasture	845,255	160,467	160,467	160,467	19.0	19.0	19.0	870	4,654	4,654	11	58	58
Total	1,545,881	746,519	746,519	746,519	48.3	48.3	48.3	8,842	15,623	14,791	24	42	40
ASR-9, PORTION IN:													
Maryland:													
Corn	120,844	114,006	114,006	114,006	94.3	94.3	94.3	1,160	1,933	1,933	20	34	34
Soybeans	4,416	3,091	3,091	3,091	70.0	70.0	70.0	9	46	46	6	30	30
Tobacco	50	50	50	50	100.0	100.0	100.0	1	2	4	50	90	160
Vegetables	18,600	14,500	14,500	14,500	78.0	78.0	78.0	181	360	230	25	50	32
Potatoes	549	365	365	365	66.5	66.5	66.5	22	22	22	121	121	121
Sweet potatoes	7	5	5	5	71.4	71.4	71.4	---	---	---	6	30	30
Nursery and greenhouse	930	400	400	400	43.0	43.0	43.0	10	20	10	50	100	50
Small fruits	167	125	125	125	74.9	74.9	74.9	4	8	7	64	128	112
Tree fruits	9,397	9,000	9,000	9,000	95.8	95.8	95.8	500	200	100	111	44	22
Intertilled crops	154,960	141,542	141,542	141,542	91.3	91.3	91.3	1,887	2,591	2,352	27	37	33
Wheat	54,133	54,133	54,133	54,133	100.0	100.0	100.0	559	976	692	21	36	26
Rye	2,058	1,029	1,029	1,029	50.0	50.0	50.0	8	14	10	16	27	19
Buckwheat	27	20	20	20	74.1	74.1	74.1	---	---	---	12	30	21
Oats	24,100	24,100	24,100	24,100	100.0	100.0	100.0	249	435	308	21	36	26
Barley	28,398	28,398	28,398	28,398	100.0	100.0	100.0	294	513	364	21	36	26
Close-growing crops	108,716	107,680	107,680	107,680	99.0	99.0	99.0	1,110	1,938	1,374	21	36	26
Tame hay and cropland pasture	290,792	70,945	70,945	70,945	24.4	24.4	24.4	472	1,574	1,574	13	44	44
Improved permanent pasture	197,072	26,189	26,189	26,189	13.3	13.3	13.3	248	496	397	19	38	30
Hay and pasture	487,864	97,134	97,134	97,134	19.9	19.9	19.9	720	2,070	1,971	15	43	41
Total	751,540	346,356	346,356	346,356	46.1	46.1	46.1	3,717	6,599	5,697	21	38	33
New Jersey:													
Corn	17,069	16,000	16,000	16,000	93.7	93.7	93.7	320	240	200	40	30	25
Soybeans	407	190	190	190	46.7	46.7	46.7	2	7	7	21	74	74
Vegetables	1,223	1,143	1,143	1,143	93.5	93.5	93.5	52	86	77	91	150	135
Potatoes	21	5	5	5	23.8	23.8	23.8	---	---	---	80	160	160
Nursery and greenhouse	49	37	37	37	75.5	75.5	75.5	2	2	2	108	108	108
Small fruits	19	9	9	9	47.4	47.4	47.4	---	---	---	44	44	22
Tree fruits	553	470	470	470	85.0	85.0	85.0	12	12	12	51	51	51
Intertilled crops	19,341	17,854	17,854	17,854	92.3	92.3	92.3	388	347	298	43	39	33
Wheat	2,670	2,670	2,670	2,670	100.0	100.0	100.0	20	33	27	15	25	20
Rye	118	65	65	65	55.1	55.1	55.1	1	2	2	30	49	49
Oats	6,441	5,153	5,153	5,153	80.0	80.0	80.0	64	129	103	25	50	40
Barley	984	738	738	738	75.0	75.0	75.0	11	18	17	30	49	46
Close-growing crops	10,213	8,626	8,626	8,626	84.5	84.5	84.5	96	182	149	22	42	34
Tame hay and cropland pasture	45,701	10,395	13,167	13,167	22.7	28.8	28.8	98	293	390	19	45	59
Improved permanent pasture	8,035	1,695	1,610	1,610	21.1	20.0	20.0	25	42	38	29	52	47
Hay and pasture	53,736	12,090	14,777	14,777	22.5	27.5	27.5	123	335	428	20	45	58
Total	83,290	38,570	41,257	41,257	46.3	49.5	49.5	607	864	875	32	42	42
Pennsylvania:													
Corn	572,816	534,587	534,587	534,587	93.3	93.3	93.3	9,810	10,270	8,978	37	38	34
Soybeans	16,667	10,000	10,000	10,000	60.0	60.0	60.0	19	85	65	4	17	13
Tobacco	30,109	30,109	30,109	30,109	100.0	100.0	100.0	247	488	722	16	32	48
Vegetables	52,074	46,583	46,583	46,583	89.5	89.5	89.5	1,510	2,480	1,960	65	106	84
Potatoes	17,987	16,915	16,915	16,915	94.0	94.0	94.0	610	1,329	1,252	72	157	148
Sweet potatoes	450	450	450	450	100.0	100.0	100.0	7	22	22	31	98	98
Nursery and greenhouse	7,492	4,121	4,121	4,121	55.0	55.0	55.0	46	82	82	22	40	40
Small fruits	1,104	1,104	1,104	1,104	100.0	100.0	100.0	16	9	9	29	16	16
Tree fruits	52,662	28,964	28,964	28,964	55.0	55.0	55.0	317	190	190	22	13	13
Intertilled crops	751,361	672,833	672,833	672,833	89.5	89.5	89.5	12,582	14,955	13,280	37	44	39
Wheat	263,523	251,133	251,133	251,133	95.3	95.3	95.3	1,714	3,428	3,428	14	27	27
Rye	8,573	6,001	6,001	6,001	70.0	70.0	70.0	28	71	43	9	24	14
Buckwheat	523	235	235	235	44.9	44.9	44.9	1	3	2	9	26	17
Oats	136,670	98,402	98,402	98,402	72.0	72.0	72.0	1,661	3,322	3,322	34	68	68
Barley	89,296	62,507	62,507	62,507	70.0	70.0	70.0	341	682	682	11	22	22
Close-growing crops	498,585	418,278	418,278	418,278	83.9	83.9	83.9	3,745	7,506	7,477	18	36	36

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	831,851	242,480	242,480	242,480	29.1	29.1	29.1	1,210	8,389	8,389	10	69	69
Improved permanent pasture	316,410	55,040	55,040	55,040	17.4	17.4	17.4	572	1,144	1,144	21	42	42
Hay and pasture	1,148,261	297,520	297,520	297,520	25.9	25.9	25.9	1,782	9,533	9,533	12	64	64
Total	2,398,207	1,388,631	1,388,631	1,388,631	57.9	57.9	57.9	18,109	31,994	30,290	26	46	44
Total:													
Corn	710,729	664,593	664,593	664,593	93.5	93.5	93.5	11,290	12,443	11,111	34	37	33
Soybeans	21,490	13,281	13,281	13,281	61.8	61.8	61.8	30	138	118	5	21	18
Tobacco	30,159	30,159	30,159	30,159	100.0	100.0	100.0	248	490	726	16	32	48
Vegetables	71,897	62,226	62,226	62,226	86.5	86.5	86.5	1,743	2,926	2,267	56	94	73
Potatoes	18,557	17,285	17,285	17,285	93.1	93.1	93.1	632	1,351	1,274	73	156	147
Sweet potatoes	457	455	455	455	99.6	99.6	99.6	7	22	22	31	97	97
Nursery and greenhouse	8,471	4,558	4,558	4,558	53.8	53.8	53.8	58	104	94	25	46	41
Small fruits	1,290	1,238	1,238	1,238	96.0	96.0	96.0	20	17	16	32	27	26
Tree fruits	62,612	38,434	38,434	38,434	61.4	61.4	61.4	829	402	302	43	21	15
Intertilled crops	925,662	832,229	832,229	832,229	89.9	89.9	89.9	14,857	17,893	15,930	36	43	38
Wheat	320,326	307,936	307,936	307,936	96.1	96.1	96.1	2,293	4,437	4,147	15	29	27
Rye	10,749	7,095	7,095	7,095	66.0	66.0	66.0	37	87	55	10	25	16
Buckwheat	550	255	255	255	46.4	46.4	46.4	1	3	2	8	24	16
Oats	167,211	127,655	127,655	127,655	76.3	76.3	76.3	1,974	3,886	3,733	31	61	58
Barley	118,678	91,643	91,643	91,643	77.2	77.2	77.2	646	1,213	1,063	14	26	23
Close-growing crops	617,514	534,584	534,584	534,584	86.6	86.6	86.6	4,951	9,626	9,000	19	36	34
Tame hay and cropland pasture	1,168,344	323,820	326,592	326,592	27.7	28.0	28.0	1,780	10,256	10,353	11	63	63
Improved permanent pasture	521,517	82,924	82,839	82,839	15.9	15.9	15.9	845	1,682	1,579	20	41	38
Hay and pasture	1,689,861	406,744	409,431	409,431	24.1	24.2	24.2	2,625	11,938	11,932	13	58	58
Total	3,233,037	1,773,557	1,776,244	1,776,244	54.9	54.9	54.9	22,433	39,457	36,862	25	44	21
ASR-10, PORTION IN:													
Delaware:													
Corn	147,718	134,779	134,779	134,779	91.2	91.2	91.2	2,872	3,420	3,520	43	51	52
Soybeans	143,814	34,000	29,098	74,098	23.6	20.2	51.5	200	1,453	1,781	12	100	48
Vegetables	43,660	33,469	33,469	33,469	76.7	76.7	76.7	861	1,756	2,056	51	105	123
Potatoes	7,774	6,251	6,251	6,251	80.4	80.4	80.4	533	1,006	1,056	171	322	338
Sweet potatoes	210	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	2,037	2,037	2,037	2,037	100.0	100.0	100.0	100	100	100	98	98	98
Small fruits	117	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,755	1,544	1,044	1,044	88.0	59.5	59.5	62	31	31	80	59	59
Intertilled crops	347,085	212,080	206,678	251,678	61.1	59.5	72.5	4,628	7,766	8,544	44	75	68
Wheat	23,958	19,200	21,662	21,662	80.2	90.4	90.4	409	592	642	43	55	59
Rye	10,584	5,292	5,292	5,292	50.0	50.0	50.0	131	131	131	50	50	50
Buckwheat	195	---	---	---	---	---	---	---	---	---	---	---	---
Oats	6,090	5,481	5,481	5,481	90.0	90.0	90.0	77	110	110	28	40	40
Barley	12,732	9,059	10,008	10,008	71.2	78.6	78.6	200	249	274	44	50	55
Close-growing crops	53,559	39,032	42,443	42,443	72.9	79.2	79.2	817	1,082	1,157	42	51	55
Tame hay and cropland pasture	83,316	15,312	30,312	30,312	18.4	36.4	36.4	204	915	1,336	27	60	88
Improved permanent pasture	20,324	8,278	8,278	8,278	40.7	40.7	40.7	170	170	170	41	41	41
Hay and pasture	103,640	23,590	38,590	38,590	22.8	37.2	37.2	374	1,085	1,506	32	56	78
Total	504,284	274,702	287,711	332,711	54.5	57.1	66.0	5,819	9,933	11,207	42	69	67
Maryland:													
Corn	258,478	244,678	244,678	244,678	94.7	94.7	94.7	3,164	5,273	5,273	26	43	43
Soybeans	171,196	111,277	111,277	111,277	65.0	65.0	65.0	334	1,669	1,669	6	30	30
Tobacco	6	6	6	6	100.0	100.0	100.0	---	---	---	47	90	133
Vegetables	54,714	54,300	54,300	54,300	99.2	99.2	99.2	1,488	2,136	2,540	55	79	94
Potatoes	2,664	2,156	2,156	2,156	80.9	80.9	80.9	180	180	180	167	167	167
Sweet potatoes	3,543	3,543	3,543	3,543	100.0	100.0	100.0	85	170	340	48	96	192
Nursery and greenhouse	1,549	800	800	800	51.6	51.6	51.6	20	40	20	50	100	50
Small fruits	544	400	400	400	73.5	73.5	73.5	15	33	32	75	165	160
Tree fruits	1,599	1,400	1,400	1,400	87.6	87.6	87.6	50	25	25	71	36	36
Intertilled crops	494,293	418,560	418,560	418,560	84.7	84.7	84.7	5,336	9,526	10,079	25	46	48
Wheat	69,605	60,650	60,650	60,650	87.1	87.1	87.1	607	1,059	758	20	35	25
Rye	12,490	6,245	6,245	6,245	50.0	50.0	50.0	47	87	63	15	28	20
Buckwheat	217	163	163	163	75.1	75.1	75.1	1	3	2	12	37	25
Oats	12,907	11,242	11,242	11,242	87.1	87.1	87.1	112	197	141	20	35	25
Barley	34,381	29,946	29,946	29,946	87.1	87.1	87.1	300	524	374	20	35	25
Close-growing crops	129,600	108,246	108,246	108,246	83.5	83.5	83.5	1,067	1,870	1,338	20	35	25

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	182,418	41,294	41,294	41,294	22.6	22.6	22.6	295	982	982	14	48	48
Improved permanent pasture	39,462	16,866	16,866	16,866	42.7	42.7	42.7	176	352	281	21	42	33
Hay and pasture	221,880	58,160	58,160	58,160	26.2	26.2	26.2	471	1,334	1,263	16	46	43
Total	845,773	584,966	584,966	584,966	69.2	69.2	69.2	6,874	12,730	12,680	24	44	43
New Jersey:													
Corn	55,534	52,040	52,040	52,040	93.7	93.7	93.7	1,431	1,431	1,287	55	55	49
Soybeans	16,830	5,890	5,890	5,890	35.0	35.0	35.0	68	182	182	23	62	62
Vegetables	109,868	102,345	102,345	102,345	93.2	93.2	93.2	4,743	7,854	7,133	93	153	139
Potatoes	4,732	4,732	4,732	4,732	100.0	100.0	100.0	308	458	403	130	194	170
Sweetpotatoes	14,056	13,353	13,353	13,353	95.0	95.0	95.0	334	1,001	1,289	50	150	193
Nursery and greenhouse	6,386	5,109	5,109	5,109	80.0	80.0	80.0	253	253	253	99	99	99
Small fruits	11,543	5,772	5,772	5,772	50.0	50.0	50.0	136	136	90	47	47	31
Tree fruits	12,469	13,021	13,021	13,021	84.2	84.2	84.2	382	382	382	59	59	59
Intertilled crops	234,418	202,262	202,262	202,262	86.3	86.3	86.3	7,655	11,697	11,019	76	116	109
Wheat	8,915	6,941	6,941	6,941	77.9	77.9	77.9	85	170	162	24	49	47
Rye	5,099	1,530	1,530	1,530	30.0	30.0	30.0	19	38	38	25	50	50
Oats	1,521	456	456	456	30.0	30.0	30.0	6	12	11	26	53	48
Barley	11,936	4,178	4,178	4,178	35.0	35.0	35.0	58	82	78	28	39	37
Close-growing crops	27,471	13,105	13,105	13,105	47.7	47.7	47.7	168	302	289	26	46	44
Tame hay and cropland pasture	94,975	28,002	35,469	35,469	29.5	37.3	37.3	398	1,194	1,592	28	67	90
Improved permanent pasture	21,146	11,304	10,739	10,739	53.0	50.8	50.8	197	399	353	35	74	66
Hay and pasture	116,121	39,306	46,208	46,208	33.8	39.8	39.8	595	1,593	1,945	30	69	84
Total	378,010	254,673	261,575	261,575	67.4	69.2	69.2	8,418	13,592	13,253	66	104	101
Virginia:													
Corn	140,419	135,009	135,009	135,009	96.1	96.1	96.1	3,785	4,285	4,286	56	63	63
Sorghum	1,720	1,376	1,376	1,376	80.0	80.0	80.0	51	51	50	74	74	73
Soybeans	202,859	71,001	71,001	71,001	35.0	35.0	35.0	471	1,837	2,053	13	52	58
Cowpeas	373	---	149	149	---	39.9	39.9	---	7	3	---	94	40
Peanuts	388	---	252	252	---	64.9	64.9	---	[illegible]	10	---	40	79
Cotton	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	---	---	---	40	80	160
Tobacco	960	580	580	580	60.0	60.0	60.0	40	70	108	138	241	372
Vegetables	49,640	44,787	44,787	44,787	90.2	90.2	90.2	1,747	3,042	2,048	78	137	91
Potatoes	21,160	20,000	20,000	20,000	94.5	94.5	94.5	991	1,321	1,313	99	132	131
Sweetpotatoes	16,143	8,072	8,072	8,072	50.0	50.0	50.0	126	380	503	31	94	125
Nursery and greenhouse	5,896	4,717	4,717	4,717	80.0	80.0	80.0	169	350	183	72	148	78
Small fruits	1,572	1,100	1,100	1,100	70.0	70.0	70.0	49	45	48	89	118	87
Tree fruits	1,145	866	866	866	75.6	75.6	75.6	49	30	19	113	69	44
Intertilled crops	442,097	287,513	287,914	287,914	65.0	65.1	65.1	7,478	11,463	10,624	52	80	74
Wheat	53,631	49,669	49,669	49,669	92.8	92.8	92.8	761	1,095	1,352	30	44	54
Rye	7,381	1,476	1,476	1,476	20.0	20.0	20.0	14	20	39	19	27	53
Oats	18,682	14,946	14,946	14,946	80.0	80.0	80.0	358	565	563	48	76	75
Barley	19,315	13,216	13,216	13,216	68.4	68.4	68.4	331	521	451	50	79	68
Close-growing crops	98,909	79,293	79,293	79,293	80.2	80.2	80.2	1,454	2,201	2,405	37	56	61
Tame hay and cropland pasture	139,066	41,061	41,061	41,061	37.6	37.6	37.6	241	1,928	1,400	12	94	68
Improved permanent pasture	53,630	18,994	18,994	18,994	35.4	35.4	35.4	270	559	573	28	59	60
Hay and pasture	162,695	60,055	60,055	60,055	36.9	36.9	36.9	511	2,487	1,973	17	83	66
Total	703,901	427,861	427,262	427,262	60.6	60.7	60.7	9,443	16,151	15,002	44	76	70
Total:													
Corn	602,119	[illegible]	566,506	566,506	94.1	94.1	94.1	11,252	14,409	14,366	40	51	50
Sorghum	1,720	1,376	1,376	1,376	80.0	80.0	80.0	51	51	50	74	74	73
Soybeans	434,699	222,168	212,266	262,266	41.6	40.6	49.0	1,073	5,141	5,685	10	48	43
Cowpeas	373	---	149	149	---	39.9	39.9	---	7	3	---	94	40
Peanuts	388	---	252	252	---	64.9	64.9	---	[illegible]	10	---	40	79
Cotton	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	---	---	---	40	80	160
Tobacco	973	580	580	580	60.2	60.2	60.2	40	70	108	137	239	369
Vegetables	257,882	234,901	234,901	234,901	91.1	91.1	91.1	8,839	14,808	13,777	75	126	117
Potatoes	36,331	33,139	33,139	33,139	91.2	91.2	91.2	2,012	2,966	2,952	121	179	179
Sweetpotatoes	33,952	24,968	24,968	24,968	73.4	73.4	73.5	545	1,551	2,132	44	124	171
Nursery and greenhouse	19,868	12,663	12,663	12,663	79.8	79.8	79.8	542	743	556	86	117	88
Small fruits	13,776	7,272	7,272	7,272	52.8	52.8	52.8	200	234	170	55	64	47
Tree fruits	19,978	16,331	16,331	16,331	81.7	81.7	81.7	563	468	457	65	57	56
Intertilled crops	1,418,093	1,120,415	1,115,414	1,165,414	73.8	73.6	76.4	25,097	40,452	40,266	45	73	69
Wheat	146,089	136,446	138,908	138,908	87.5	89.0	89.0	1,852	2,916	2,914	27	42	42
Rye	35,554	14,543	14,543	14,543	40.9	40.9	40.9	211	276	271	29	38	37
Buckwheat	412	163	163	163	39.6	39.6	39.6	1	3	2	12	37	25
Oats	39,200	32,125	32,125	32,125	82.0	82.0	82.0	553	884	825	26	55	51
Barley	98,374	56,399	57,348	57,348	72.0	73.2	73.2	889	1,376	1,177	32	48	41
Close-growing crops	309,539	239,676	243,087	243,087	77.4	78.5	78.5	3,506	5,455	5,189	29	45	43
Tame hay and cropland pasture	469,774	125,469	148,136	148,136	26.8	31.5	31.5	1,138	5,019	5,310	18	68	72
Improved permanent pasture	134,562	55,442	54,877	54,877	41.2	40.8	40.8	813	1,480	1,377	29	54	50
Hay and pasture	604,336	181,111	203,013	203,013	30.0	33.6	33.6	1,951	6,499	6,687	22	64	66

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total	2,431,968	1,541,202	1,561,514	1,606,514	63.4	64.2	66.1	30,554	52,406	52,142	40	67	65
ASR-11, PORTION IN:													
Virginia:													
Corn	90,203	70,482	70,482	70,482	78.1	78.1	78.1	1,174	1,867	1,832	33	53	52
Sorghum	1,875	1,406	1,406	1,406	75.0	75.0	75.0	32	65	64	46	92	91
Soybeans	1,683	1,346	1,346	1,346	80.0	80.0	80.0	7	40	41	10	59	61
Cowpeas	76	42	42	42	55.3	55.3	55.3	---	1	1	10	48	48
Tobacco	98	98	98	98	100.0	100.0	100.0	7	9	11	143	184	224
Vegetables	16,584	10,234	10,234	10,234	61.7	61.7	61.7	124	241	236	24	47	46
Potatoes	821	800	800	800	97.4	97.4	97.4	26	51	51	65	128	128
Sweetpotatoes	15	8	8	8	53.3	53.3	53.3	---	---	1	25	100	250
Nursery and greenhouse	560	448	448	448	80.0	80.0	80.0	9	22	8	40	98	36
Small fruits	87	52	52	52	59.8	59.8	59.8	1	3	1	38	115	38
Tree fruits	32,899	18,094	18,094	18,094	55.0	55.0	55.0	614	813	694	68	90	77
Intertilled crops	144,901	103,010	103,010	103,010	71.1	71.1	71.1	1,994	3,112	2,940	39	60	57
Wheat	34,698	29,784	29,784	29,784	85.8	85.8	85.8	355	897	877	24	60	59
Rye	1,451	871	871	871	60.0	60.0	60.0	12	23	12	28	53	28
Oats	16,445	8,223	8,223	8,223	50.0	50.0	50.0	129	307	279	31	75	68
Barley	34,709	17,389	17,389	17,389	50.1	50.1	50.1	206	772	742	24	89	85
Close-growing crops	87,303	56,267	56,267	56,267	64.5	64.5	64.5	702	1,999	1,910	25	71	68
Tame hay and cropland pasture	510,592	109,278	109,278	109,278	21.4	21.4	21.4	316	5,020	5,765	6	92	106
Improved permanent pasture	847,906	46,368	46,368	46,368	5.5	5.5	5.5	335	899	1,083	14	39	47
Hay and pasture	1,358,498	155,646	155,646	155,646	11.5	11.5	11.5	651	5,919	6,848	8	76	88
Total	1,590,702	314,923	314,923	314,923	19.8	19.8	19.8	3,347	11,030	11,698	21	70	74
West Virginia:													
Corn	55,751	39,021	39,021	39,021	70.0	70.0	70.0	566	953	812	29	49	42
Soybeans	618	35	352	352	5.7	57.0	57.0	---	5	4	23	28	23
Tobacco	27	16	16	16	59.3	59.3	59.3	1	1	1	88	125	125
Vegetables	11,848	2,828	2,828	2,828	23.9	23.9	23.9	74	99	111	52	70	79
Potatoes	1,521	865	865	865	56.9	56.9	56.9	31	38	43	72	88	99
Sweetpotatoes	12	8	8	8	66.7	66.7	66.7	---	---	---	50	50	50
Nursery and greenhouse	129	77	19	19	59.7	14.7	14.7	4	---	---	104	32	42
Small fruits	165	83	41	42	50.3	24.8	25.5	2	1	1	48	49	48
Tree fruits	28,287	11,091	2,773	2,773	39.2	9.8	9.8	250	28	31	45	20	22
Intertilled crops	98,358	54,024	45,923	45,924	54.9	46.7	46.7	928	1,125	1,003	34	49	44
Wheat	17,872	16,128	16,128	16,128	90.2	90.2	90.2	166	390	264	21	48	33
Rye	713	88	88	88	12.3	12.3	12.3	1	2	1	22	45	22
Buckwheat	381	152	152	152	39.9	39.9	39.9	1	2	1	13	26	13
Oats	14,825	10,742	10,742	10,742	72.5	72.5	72.5	103	283	188	19	53	35
Barley	7,649	5,629	5,629	5,629	73.6	73.6	73.6	49	137	91	17	49	32
Close-growing crops	41,440	32,739	32,739	32,739	79.0	79.0	79.0	320	814	545	20	50	33
Tame hay and cropland pasture	352,783	22,100	44,621	44,621	6.3	12.6	12.6	244	1,775	1,342	22	80	60
Improved permanent pasture	611,035	8,083	20,208	10,104	1.3	3.3	1.7	138	654	307	34	65	61
Hay and pasture	963,818	30,183	64,829	54,725	3.1	6.7	5.7	382	2,429	1,649	25	75	60
Total	1,103,616	116,946	143,491	133,388	10.6	13.0	12.1	1,630	4,368	3,197	28	61	48
Total:													
Corn	145,954	109,503	109,503	109,503	75.0	75.0	75.0	1,740	2,820	2,644	32	52	48
Sorghum	1,875	1,406	1,406	1,406	75.0	75.0	75.0	32	65	64	46	92	91
Soybeans	2,301	1,381	1,698	1,698	60.0	74.0	74.0	7	45	45	10	53	53
Cowpeas	76	42	42	42	55.3	55.3	55.3	---	1	1	10	48	48
Tobacco	125	114	114	114	91.2	91.2	91.2	8	10	12	140	175	211
Vegetables	28,432	13,062	13,062	13,062	45.9	45.9	45.9	198	340	347	30	52	53
Potatoes	2,342	1,665	1,665	1,665	71.1	71.1	71.1	57	89	94	68	107	113
Sweetpotatoes	27	16	16	16	59.3	59.3	59.3	---	---	1	33	75	150
Nursery and greenhouse	689	525	467	467	76.2	67.8	67.8	13	22	8	50	94	34
Small fruits	252	135	93	94	53.6	36.9	37.3	3	4	2	44	59	43
Tree fruits	61,186	29,185	20,867	20,867	47.7	34.1	34.1	864	841	725	59	81	69
Intertilled crops	243,249	157,034	148,933	148,934	64.6	61.2	61.2	2,922	4,237	3,943	37	57	53
Wheat	52,570	45,912	45,912	45,912	87.3	87.3	87.3	521	1,287	1,141	23	56	50
Rye	2,164	959	959	959	44.3	44.3	44.3	13	25	13	27	52	27
Buckwheat	381	152	152	152	39.9	39.9	39.9	1	2	1	13	26	13
Oats	31,270	18,965	18,965	18,965	60.6	60.6	60.6	232	590	467	24	62	49
Barley	42,358	23,018	23,018	23,018	54.3	54.3	54.3	256	909	833	22	79	72
Close-growing crops	128,743	89,006	89,006	89,006	69.1	69.1	69.1	1,022	2,813	2,455	23	63	55
Tame hay and cropland pasture	863,375	131,378	153,899	153,899	15.2	17.8	17.8	560	6,795	7,107	9	88	92
Improved permanent pasture	1,458,941	54,451	66,576	56,472	3.7	4.6	3.9	473	1,553	1,390	17	47	49
Hay and pasture	2,322,316	185,829	220,475	210,371	8.0	9.4	9.1	1,033	8,348	8,497	11	76	81
Total	2,694,318	431,869	458,414	448,311	16.0	17.0	16.6	4,977	15,398	14,895	23	67	66

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-12, PORTION IN:													
Maryland:													
Corn	73,655	69,460	69,460	69,460	94.3	94.3	94.3	875	1,458	1,458	25	42	42
Soybeans	18,272	11,877	11,877	11,877	65.0	65.0	65.0	36	178	178	6	30	30
Tobacco	39,552	39,354	39,354	39,354	99.5	99.5	99.5	866	1,893	2,991	44	96	152
Vegetables	14,049	13,897	13,897	13,897	98.9	98.9	98.9	316	622	546	45	90	79
Potatoes	464	464	464	464	100.0	100.0	100.0	28	28	28	121	121	121
Sweetpotatoes	461	461	461	461	100.0	100.0	100.0	9	18	32	39	78	139
Nursery and greenhouse	1,674	800	800	800	47.8	47.8	47.8	20	40	20	50	100	50
Small fruits	109	70	70	70	64.2	64.2	64.2	4	4	3	114	114	86
Tree fruits	1,327	1,000	1,000	1,000	75.4	75.4	75.4	40	20	20	80	40	40
Intertilled crops	149,563	137,383	137,383	137,383	91.9	91.9	91.9	2,194	4,261	5,276	32	62	77
Wheat	24,481	22,710	22,710	22,710	92.8	92.8	92.8	251	438	311	22	39	27
Rye	2,589	1,295	1,295	1,295	50.0	50.0	50.0	10	18	13	15	28	20
Oats	6,798	6,309	6,309	6,309	92.8	92.8	92.8	69	123	85	22	39	27
Barley	9,885	9,173	9,173	9,173	92.8	92.8	92.8	101	179	124	22	39	27
Close-growing crops	43,753	39,487	39,487	39,487	90.2	90.2	90.2	431	758	533	22	38	27
Tame hay and cropland pasture	161,958	38,800	38,800	38,800	24.0	24.0	24.0	315	1,051	1,051	16	54	54
Improved permanent pasture	78,505	13,978	13,978	13,978	17.8	17.8	17.8	147	295	236	21	42	34
Hay and pasture	240,463	52,778	52,778	52,778	21.9	21.9	21.9	462	1,346	1,287	18	51	49
Total	433,779	229,648	229,648	229,648	52.9	52.9	52.9	3,087	6,365	7,096	27	55	62
Virginia:													
Corn	92,713	87,904	87,904	87,904	94.8	94.8	94.8	1,799	3,149	2,950	41	72	67
Sorghum	2,115	1,586	1,586	1,586	75.0	75.0	75.0	54	53	54	68	67	68
Soybeans	5,276	2,633	2,633	2,633	59.9	59.9	59.9	12	71	70	9	54	53
Cowpeas	47	---	28	28	---	59.6	59.6	---	1	1	---	71	71
Peanuts	4	---	4	4	---	100.0	100.0	---	---	---	---	50	100
Tobacco	110	100	100	100	90.9	90.9	90.9	5	6	15	100	120	300
Vegetables	7,609	4,106	4,106	4,106	54.0	54.0	54.0	99	164	110	48	80	54
Potatoes	268	200	200	200	74.6	74.6	74.6	5	10	10	50	100	100
Sweetpotatoes	64	30	30	30	46.9	46.9	46.9	---	1	2	7	67	133
Nursery and greenhouse	450	360	360	360	80.0	80.0	80.0	7	14	7	39	78	39
Small fruits	41	25	25	25	61.0	61.0	61.0	1	1	1	40	40	40
Tree fruits	11,588	5,794	5,794	5,794	50.0	50.0	50.0	217	214	185	75	74	64
Intertilled crops	120,285	102,738	102,770	102,770	85.4	85.4	85.4	2,199	3,684	3,405	43	72	66
Wheat	23,586	22,848	22,848	22,848	96.9	96.9	96.9	328	708	674	29	62	59
Rye	1,629	1,140	1,140	1,140	70.0	70.0	70.0	20	40	40	35	70	70
Oats	23,857	17,903	17,903	17,903	75.0	75.0	75.0	201	454	422	22	51	47
Barley	21,553	17,242	17,242	17,242	80.0	80.0	80.0	200	454	422	23	53	49
Close-growing crops	70,625	59,133	59,133	59,133	83.7	83.7	83.7	749	1,656	1,558	25	56	53
Tame hay and cropland pasture	481,105	92,032	92,032	92,032	19.1	19.1	19.1	327	3,745	3,343	7	81	73
Improved permanent pasture	413,732	46,956	46,956	46,956	11.3	11.3	11.3	48	580	440	2	25	19
Hay and pasture	894,837	138,988	138,988	138,988	15.5	15.5	15.5	375	4,325	3,783	5	62	54
Total	1,085,747	300,859	300,891	300,891	27.7	27.7	27.7	3,323	9,665	8,746	22	64	58
Total:													
Corn	166,368	157,364	157,364	157,364	94.6	94.6	94.6	2,674	4,607	4,408	34	59	56
Sorghum	2,115	1,586	1,586	1,586	75.0	75.0	75.0	54	53	54	68	67	68
Soybeans	23,548	14,510	14,510	14,510	61.6	61.6	61.6	48	249	248	7	34	34
Cowpeas	47	---	28	28	59.6	59.6	59.6	---	1	1	---	71	71
Peanuts	4	---	4	4	100.0	100.0	100.0	---	---	---	---	50	100
Tobacco	39,662	39,454	39,454	39,454	99.5	99.5	99.5	871	1,899	3,006	44	96	152
Vegetables	21,658	18,003	18,003	18,003	83.1	83.1	83.1	415	786	656	46	87	73
Potatoes	732	664	664	664	90.7	90.7	90.7	33	38	38	99	114	114
Sweetpotatoes	525	491	491	491	93.5	93.5	93.5	9	19	34	37	77	138
Nursery and greenhouse	2,124	1,160	1,160	1,160	54.6	54.6	54.6	27	54	27	47	93	47
Small fruits	150	95	95	95	63.3	63.3	63.3	5	5	4	105	105	84
Tree fruits	12,915	6,794	6,794	6,794	52.6	52.6	52.6	257	234	205	76	69	60
Intertilled crops	269,848	240,121	240,153	240,153	89.0	89.0	89.0	4,393	7,945	8,681	37	66	72
Wheat	48,067	45,558	45,558	45,558	94.8	94.8	94.8	579	1,146	985	25	50	43
Rye	4,218	2,435	2,435	2,435	57.7	57.7	57.7	30	58	53	25	48	44
Oats	30,655	24,212	24,212	24,212	79.0	79.0	79.0	270	577	507	22	48	42
Barley	31,438	26,415	26,415	26,415	84.0	84.0	84.0	301	633	546	23	48	41
Close-growing crops	114,378	98,620	98,620	98,620	86.2	86.2	86.2	1,180	2,414	2,091	24	49	42
Tame hay and cropland pasture	643,063	130,832	130,832	130,832	20.3	20.3	20.3	642	4,796	4,394	10	73	67
Improved permanent pasture	492,237	60,934	60,934	60,934	12.4	12.4	12.4	195	875	676	6	29	22
Hay and pasture	1,135,300	191,766	191,766	191,766	16.9	16.9	16.9	837	5,671	5,070	9	59	53
Total	1,519,526	530,507	530,539	530,539	34.9	34.9	34.9	6,410	16,030	15,842	24	60	60

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-13, PORTION IN:													
Virginia:													
Corn	100,542	94,970	94,970	94,970	94.5	94.5	94.5	2,002	2,324	2,364	42	49	50
Sorghum	2,559	1,919	1,919	1,919	75.0	75.0	75.0	48	95	95	50	99	99
Soybeans	20,487	---	9,219	9,219	---	45.0	45.0	---	186	373	---	40	81
Cowpeas	354	212	212	212	59.9	59.9	59.9	---	10	10	1	94	94
Peanuts	4,027	3,221	3,221	3,221	80.0	80.0	80.0	19	111	121	12	69	75
Cotton	203	193	193	193	95.1	95.1	95.1	4	9	9	41	93	93
Tobacco	15,672	15,218	15,218	15,218	97.1	97.1	97.1	382	965	1,032	50	127	136
Vegetables	13,546	7,215	7,215	7,215	53.3	53.3	53.3	168	338	227	47	94	63
Potatoes	341	300	300	300	88.0	88.0	88.0	11	23	23	73	153	153
Sweetpotatoes	231	120	120	120	51.9	51.9	51.9	1	4	5	16	67	83
Nursery and greenhouse	803	642	642	642	80.0	80.0	80.0	21	46	41	65	143	128
Small fruits	85	42	42	42	49.4	49.4	49.4	1	2	1	48	95	48
Tree fruits	7,968	4,781	4,781	4,781	60.0	60.0	60.0	165	180	91	69	75	38
Intertilled crops	166,818	128,833	138,052	138,052	77.2	82.8	82.8	2,822	4,293	4,392	45	62	64
Wheat	56,229	51,686	51,686	51,686	91.9	91.9	91.9	684	949	916	26	37	35
Rye	1,945	778	778	778	40.0	40.0	40.0	17	34	17	44	87	44
Oats	19,478	13,635	13,635	13,635	70.0	70.0	70.0	329	566	546	48	83	80
Barley	13,324	6,470	6,470	6,470	48.6	48.6	48.6	100	243	212	31	75	66
Close-growing crops	90,976	72,569	72,569	72,569	80.0	80.0	80.0	1,130	1,792	1,691	31	49	47
Tame hay and cropland pasture	335,221	85,700	85,700	85,700	25.6	25.6	25.6	338	3,379	3,175	8	79	74
Improved permanent pasture	301,161	40,293	40,293	40,293	13.4	13.4	13.4	383	1,205	1,325	19	60	66
Hay and pasture	636,382	125,993	125,993	125,993	19.8	19.8	19.8	721	4,584	4,500	11	73	71
Total	894,176	327,395	336,614	336,614	36.6	37.6	37.6	4,673	10,669	10,583	29	63	63
ASR-14, PORTION IN:													
North Carolina:													
Corn	213,371	207,335	207,335	207,335	97.2	97.2	97.2	8,915	4,147	4,665	86	40	45
Sorghum	4,819	3,855	3,373	3,373	80.0	70.0	70.0	96	51	51	50	30	30
Soybeans	90,891	1,818	31,812	40,091	2.0	35.0	45.0	2	318	636	2	20	31
Cowpeas	528	11	185	238	2.1	35.0	45.1	---	2	5	2	22	42
Peanuts	125,037	6,252	81,274	125,037	5.0	65.0	100.0	6	1,422	4,189	2	35	64
Cotton	59,693	56,708	53,724	59,693	95.0	90.0	100.0	1,446	1,343	1,642	51	50	55
Tobacco	24,437	24,437	24,437	24,437	100.0	100.0	100.0	611	1,540	1,833	50	126	150
Vegetables	18,198	17,731	17,731	17,731	97.4	97.4	97.4	549	726	726	62	82	82
Potatoes	397	377	377	377	95.0	95.0	95.0	9	19	19	48	101	101
Sweetpotatoes	2,596	2,596	2,596	2,596	100.0	100.0	100.0	78	55	130	60	42	100
Nursery and greenhouse	61	61	61	61	100.0	100.0	100.0	3	2	2	98	66	66
Small fruits	53	40	40	40	75.5	75.5	75.5	2	1	1	100	50	50
Tree fruits	656	328	328	328	50.0	50.0	50.0	7	4	4	43	24	24
Intertilled crops	540,737	321,549	423,273	482,147	59.5	78.3	89.2	11,724	9,630	13,903	73	46	58
Wheat	9,202	9,018	5,521	5,521	98.0	60.0	60.0	180	83	97	40	30	35
Rye	1,449	145	73	73	10.0	50.4	50.4	1	---	---	14	10	10
Oats	4,833	4,736	2,900	2,900	98.0	60.0	60.0	95	44	51	40	30	35
Barley	1,658	1,625	995	995	98.0	60.0	60.0	32	15	17	39	30	34
Close-growing crops	17,142	15,524	9,489	9,489	90.6	55.4	55.4	308	142	165	40	30	35
Tame hay and cropland pasture	47,692	19,233	19,233	19,233	40.3	40.3	40.3	19	462	548	2	48	57
Improved permanent pasture	31,516	8,369	8,369	8,369	26.6	26.6	26.6	8	201	239	2	48	57
Hay and pasture	79,208	27,602	27,602	27,602	34.8	34.8	34.8	27	663	787	2	48	57
Total	637,087	364,675	460,364	519,238	57.2	72.3	72.3	12,059	10,435	14,855	66	45	57
Virginia:													
Corn	122,355	122,353	122,353	122,353	100.0	100.0	100.0	3,657	3,414	4,437	60	56	73
Sorghum	4,733	3,786	3,786	3,786	80.0	80.0	80.0	93	117	113	49	62	60
Soybeans	57,543	34,120	34,120	34,120	59.3	59.3	59.3	72	832	1,154	4	49	68
Cowpeas	251	50	50	50	19.9	19.9	19.9	---	2	1	4	80	40
Peanuts	94,982	66,487	66,487	66,487	70.0	70.0	70.0	311	1,564	3,503	9	47	105
Cotton	11,499	10,349	10,349	10,349	90.0	90.0	90.0	208	416	414	40	80	80
Tobacco	1,415	1,415	1,415	1,415	100.0	100.0	100.0	100	154	189	141	218	267
Vegetables	7,654	6,192	6,192	6,192	80.9	80.9	80.9	194	276	270	63	89	87
Potatoes	100	90	90	90	90.0	90.0	90.0	3	7	7	67	156	156
Sweetpotatoes	512	256	256	256	50.0	50.0	50.0	4	12	16	31	94	125
Nursery and greenhouse	245	196	196	196	80.0	80.0	80.0	4	8	4	81	82	41
Small fruits	23	14	14	14	60.9	60.9	60.9	---	1	---	43	86	43
Tree fruits	417	354	354	354	84.9	84.9	84.9	8	8	7	45	45	40
Intertilled crops	301,729	245,662	245,662	245,662	81.4	81.4	81.4	4,654	6,811	10,115	38	55	82
Wheat	6,877	6,236	6,236	6,236	90.7	90.7	90.7	69	137	145	22	44	47
Rye	3,817	1,145	1,145	1,145	30.0	30.0	30.0	13	27	22	23	47	38
Oats	4,230	2,538	2,538	2,538	60.0	60.0	60.0	28	59	48	22	39	38
Barley	4,637	2,782	2,782	2,782	60.0	60.0	60.0	29	78	75	21	56	54
Close-growing crops	19,561	12,701	12,701	12,701	64.9	64.9	64.9	139	292	290	22	46	46

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	37,140	17,913	17,913	17,913	48.2	48.2	48.2	251	585	1,414	28	65	158
Improved permanent pasture	17,423	---	9,321	9,321	---	53.5	53.5	---	70	104	---	15	22
Hay and pasture	54,563	17,913	27,234	27,234	32.8	49.9	49.9	251	655	1,518	23	48	111
Total	375,853	276,276	285,597	285,597	73.5	76.0	76.0	5,044	7,758	11,923	37	54	83
Total:													
Corn	335,726	329,688	329,688	329,688	98.2	98.2	98.2	12,572	7,561	9,102	76	46	55
Sorghum	9,552	7,641	7,159	7,159	80.0	74.9	74.9	189	168	164	49	47	46
Soybeans	148,434	35,938	65,932	75,021	24.2	44.4	50.5	74	1,150	1,790	4	35	48
Cowpeas	779	61	235	288	7.8	30.2	37.0	---	4	6	4	34	42
Peanuts	220,019	72,739	147,761	191,524	33.1	67.2	87.0	317	2,986	7,692	9	40	80
Cotton	71,192	67,057	64,073	70,042	94.2	90.0	98.4	1,654	1,759	2,056	49	55	59
Tobacco	25,852	25,852	25,852	25,852	100.0	100.0	100.0	711	1,694	2,022	55	117	156
Vegetables	25,852	23,923	23,923	23,923	92.5	92.5	92.5	743	1,002	996	62	84	83
Potatoes	497	467	467	467	94.0	94.0	94.0	12	26	26	51	111	111
Sweetpotatoes	3,108	2,852	2,852	2,852	91.8	91.8	91.8	82	67	146	58	47	102
Nursery and greenhouse	306	257	257	257	84.0	84.0	84.0	7	10	6	54	78	47
Small fruits	76	54	54	54	71.1	71.1	71.1	2	2	1	74	74	37
Tree fruits	1,073	682	682	682	63.6	63.6	63.6	15	12	11	44	35	32
Intertilled crops	842,466	567,211	668,935	727,809	67.3	79.4	86.4	16,378	16,441	24,018	58	49	66
Wheat	16,079	15,254	11,757	11,757	94.9	73.1	73.1	249	220	242	33	37	41
Rye	5,266	1,290	1,218	1,218	24.5	23.1	23.1	14	27	22	22	44	36
Oats	9,063	7,274	5,438	5,438	80.3	60.0	60.0	123	94	99	34	35	36
Barley	6,295	4,407	3,777	3,777	70.0	60.0	60.0	61	93	92	28	49	49
Close-growing crops	36,703	28,225	22,190	22,190	76.9	60.5	60.5	447	434	455	32	39	41
Tame hay and cropland pasture	84,832	37,146	37,146	37,146	43.8	43.8	43.8	270	1,047	1,962	15	56	106
Improved permanent pasture	48,939	8,369	17,690	17,690	17.1	36.1	36.1	8	271	343	2	31	39
Hay and pasture	133,771	45,515	54,836	54,836	34.0	41.0	41.0	278	1,318	2,305	12	48	84
Total	1,012,940	640,951	745,961	804,835	63.3	73.6	79.5	17,103	18,193	26,778	53	49	67
ASR-15, PORTION IN:													
Georgia:													
Corn	109,155	105,802	105,802	105,802	96.9	96.9	96.9	3,316	1,819	3,103	63	34	59
Sorghum	564	400	400	400	70.9	70.9	70.9	7	5	6	35	25	30
Soybeans	4,480	3,292	3,292	3,292	73.5	73.5	73.5	18	65	73	11	39	44
Velvet beans	1,057	---	279	279	---	26.4	26.4	---	2	3	---	14	22
Cowpeas	1,517	428	428	428	28.2	28.2	28.2	2	6	7	9	28	33
Peanuts	1,522	1,060	1,060	1,060	69.6	69.6	69.6	9	19	22	17	36	42
Cotton	5,850	5,684	5,684	5,684	97.2	97.2	97.2	73	130	251	26	46	88
Tobacco	8,166	8,166	8,166	8,166	100.0	100.0	100.0	201	717	624	49	176	153
Sugarcane	223	130	130	130	58.3	58.3	58.3	3	2	11	46	31	169
Vegetables	5,190	5,190	5,190	5,190	100.0	100.0	100.0	92	262	330	35	101	127
Potatoes	108	108	108	108	100.0	100.0	100.0	3	5	6	56	93	111
Sweetpotatoes	809	809	809	809	100.0	100.0	100.0	15	44	67	37	109	166
Nursery and greenhouse	199	168	168	168	84.4	84.4	84.4	5	13	5	60	155	60
All fruit	4,202	2,968	2,968	2,968	70.6	70.6	70.6	26	68	90	18	46	61
Intertilled crops	143,042	134,205	134,484	134,484	93.8	94.0	94.0	3,770	3,157	4,598	56	47	68
Wheat	140	73	73	73	52.1	52.1	52.1	2	2	2	55	55	55
Rye	167	115	115	115	68.9	68.9	68.9	2	1	1	35	17	17
Oats	1,343	1,046	1,046	1,046	77.9	77.9	77.9	27	23	25	52	44	48
Root or grain crops	5,246	4,344	4,344	4,344	82.8	82.8	82.8	143	66	71	66	30	33
Close-growing crops	6,896	5,578	5,578	5,578	80.9	80.9	80.9	174	92	99	62	33	35
Tame hay and cropland pasture	58,639	27,240	27,240	27,240	46.5	46.5	46.5	744	731	790	55	54	58
Improved permanent pasture	48,222	14,807	14,807	14,807	30.7	30.7	30.7	333	242	241	45	33	33
Hay and pasture	106,861	42,047	42,047	42,047	39.3	39.3	39.3	1,077	973	1,031	51	46	49
Total	256,799	181,830	182,109	182,109	70.8	70.9	70.9	5,021	4,222	5,728	55	46	63
North Carolina:													
Corn	406,681	383,370	383,370	383,370	94.3	94.3	94.3	16,102	6,709	8,051	84	35	42
Sorghum	5,724	4,579	2,290	2,290	80.0	40.0	40.0	92	34	34	40	30	30
Soybeans	178,056	3,561	44,314	62,320	2.0	24.9	35.0	4	443	1,246	2	20	40
Cowpeas	3,554	71	888	1,244	2.0	25.0	35.0	---	9	18	2	20	29
Peanuts	11,600	580	7,540	11,600	5.0	65.0	100.0	1	132	377	3	35	65
Cotton	11,661	11,661	10,495	11,078	100.0	90.0	95.0	169	157	249	29	30	45
Tobacco	73,275	73,275	73,275	73,275	100.0	100.0	100.0	2,198	5,606	6,595	60	153	180
Vegetables	34,513	33,668	33,668	33,668	97.6	97.6	97.6	1,042	1,395	1,395	62	83	83
Potatoes	13,648	13,648	13,648	13,648	100.0	100.0	100.0	1,092	1,501	1,365	160	220	200
Sweetpotatoes	7,675	7,675	7,675	7,675	100.0	100.0	100.0	269	192	422	70	50	110
Nursery and greenhouse	1,903	1,903	1,903	1,903	100.0	100.0	100.0	114	95	95	120	100	100
Small fruits	2,572	2,443	2,315	2,315	95.0	90.0	90.0	122	52	52	100	45	45
Tree fruits	1,547	819	819	819	52.9	52.9	52.9	20	10	10	49	24	24
Intertilled crops	752,409	537,253	582,200	605,205	71.4	77.4	80.4	21,225	16,335	19,909	79	56	66
Wheat	19,963	19,564	11,978	11,978	98.0	60.0	60.0	391	150	150	40	25	25
Rye	592	59	30	30	10.0	5.1	5.1	1	---	---	34	10	10

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Oats	23,025	22,564	13,815	13,815	98.0	60.0	60.0	451	207	207	40	30	30
Barley	2,167	2,124	1,300	1,300	98.0	60.0	60.0	42	19	19	40	29	29
Close-growing crops	45,747	44,311	27,123	27,123	96.9	59.3	59.3	885	376	376	40	28	28
Tame hay and cropland pasture	84,472	27,456	27,456	27,456	32.5	32.5	32.5	27	659	782	2	48	57
Improved permanent pasture	45,489	16,647	16,647	16,647	36.6	36.6	36.6	17	400	474	2	48	57
Hay and pasture	129,961	44,103	44,103	44,103	33.9	33.9	33.9	44	1,059	1,256	2	48	57
Total	928,117	625,667	653,426	676,431	67.4	70.4	72.9	22,154	17,770	21,543	71	54	64
South Carolina:													
Corn	100,771	92,257	92,000	92,257	91.6	91.3	91.6	3,432	2,422	2,616	74	53	57
Sorghum	2,340	936	900	900	40.0	38.5	38.5	15	26	25	32	58	56
Soybeans	27,514	7,000	15,567	15,567	25.4	56.6	56.6	64	245	307	18	31	39
Cowpeas	10,215	---	991	900	---	9.7	8.8	---	13	12	---	26	27
Peanuts	431	100	216	216	23.2	50.1	50.1	1	4	4	20	37	37
Cotton	21,531	20,361	20,000	20,361	94.6	92.9	94.6	486	856	778	48	86	76
Tobacco	3,792	3,792	3,792	3,792	100.0	100.0	100.0	177	373	416	93	197	219
Sugarcane	132	92	92	92	69.7	69.7	69.7	3	2	2	65	43	43
Vegetables	21,641	20,559	20,559	20,559	95.0	95.0	95.0	600	1,214	862	58	118	84
Potatoes	3,734	3,734	3,734	3,734	100.0	100.0	100.0	198	392	276	106	210	148
Sweetpotatoes	1,427	1,356	1,356	1,356	95.0	95.0	95.0	24	62	58	35	91	86
Nursery and greenhouse	976	488	488	488	50.0	50.0	50.0	8	23	23	33	94	94
All fruit	1,681	800	840	800	47.6	50.0	47.6	11	17	16	28	40	40
Intertilled crops	196,185	151,475	160,535	161,022	77.2	81.8	82.1	5,019	5,649	5,395	66	70	67
Wheat	1,317	1,154	1,000	1,000	87.6	75.9	75.9	34	21	38	59	42	76
Rye	615	400	400	400	65.0	65.0	65.0	13	8	12	65	40	60
Oats	9,275	6,529	6,000	6,000	70.4	64.7	64.7	217	129	194	66	43	65
Barley	248	165	165	165	66.5	66.5	66.5	5	3	5	61	36	61
Close-growing crops	11,455	8,248	7,565	7,565	72.0	66.0	66.0	269	161	249	65	43	66
Tame hay and cropland pasture	67,802	21,000	21,000	20,000	31.0	31.0	29.5	731	694	547	70	66	55
Improved permanent pasture	49,379	6,000	6,000	5,800	12.2	12.2	11.7	226	214	169	75	71	58
Hay and pasture	117,181	27,000	27,000	25,800	23.0	23.0	22.0	957	908	716	71	67	56
Total	324,821	186,723	195,100	194,387	57.5	60.1	59.8	6,245	6,718	6,360	67	69	65
Total:													
Corn	616,607	581,429	581,172	581,429	94.3	94.3	94.3	22,850	10,950	13,770	79	38	47
Sorghum	8,628	5,915	3,590	3,590	68.6	41.6	41.6	114	65	65	39	36	36
Soybeans	210,050	13,853	63,173	81,179	6.6	30.1	38.6	86	753	1,626	12	24	40
Cowpeas	16,343	499	2,586	2,851	3.1	15.8	17.4	2	30	40	8	23	28
Peanuts	13,553	1,740	8,816	12,876	12.8	65.0	95.0	11	155	403	13	35	63
Cotton	39,042	37,706	36,179	37,123	96.6	92.7	95.1	728	1,143	1,278	39	63	69
Tobacco	85,233	85,233	85,233	85,233	100.0	100.0	100.0	2,576	6,696	7,635	60	157	179
Sugarcane	355	222	222	222	62.5	62.5	62.5	6	4	13	54	36	117
Vegetables	61,344	59,417	59,417	59,417	96.9	96.9	96.9	1,734	2,871	2,587	58	97	87
Potatoes	17,490	17,490	17,490	17,490	100.0	100.0	100.0	1,293	1,898	1,647	148	217	188
Sweetpotatoes	9,911	9,840	9,840	9,840	99.3	99.3	99.3	308	298	547	63	61	111
Nursery and greenhouse	3,078	2,559	2,559	2,559	83.1	83.1	83.1	127	131	123	99	102	96
All fruit	10,002	7,030	6,942	6,902	70.3	69.4	69.0	179	147	168	51	42	49
Intertilled crops	1,091,636	822,933	877,219	900,711	75.4	80.4	82.5	30,014	25,141	29,902	73	57	66
Wheat	21,420	20,791	13,051	13,051	97.1	60.9	60.9	427	173	190	41	27	29
Rye	1,374	574	545	545	41.8	39.7	39.7	16	9	13	56	33	48
Oats	33,643	30,139	20,861	20,861	89.6	62.0	62.0	695	359	426	46	34	41
Barley	2,415	2,289	1,465	1,465	94.8	60.7	60.7	47	22	24	41	30	33
Root or grain crops	5,246	4,344	4,344	4,344	82.8	82.8	82.8	143	66	71	66	30	33
Close-growing crops	64,098	58,137	40,266	40,266	90.7	62.8	62.8	1,328	629	724	46	31	36
Tame hay and cropland pasture	210,913	75,696	75,696	74,696	35.9	35.9	35.4	1,502	2,084	2,119	40	55	57
Improved permanent pasture	143,090	37,454	37,454	37,254	26.2	26.2	26.2	576	856	884	31	46	47
Hay and pasture	354,003	113,150	113,150	111,950	32.0	32.0	31.6	2,078	2,940	3,003	37	52	54
Total	1,509,737	994,220	1,030,635	1,052,927	65.9	68.3	69.7	33,420	28,710	33,629	67	56	64
ASR-16, PORTION IN:													
North Carolina:													
Corn	136,067	131,136	131,136	131,136	96.4	96.4	96.4	5,442	2,229	2,754	83	34	42
Sorghum	1,553	1,475	1,475	1,475	95.0	95.0	95.0	33	22	22	45	30	30
Soybeans	45,879	2,294	18,352	27,527	5.0	40.0	60.0	5	229	482	4	25	35
Cowpeas	9,955	498	3,982	5,973	5.0	40.0	60.0	1	50	105	4	25	35
Peanuts	1,837	92	1,194	1,837	5.0	65.0	100.0	---	21	62	2	35	68
Cotton	85,419	85,419	81,148	85,419	100.0	95.0	100.0	1,367	2,029	2,264	32	50	53
Tobacco	34,008	34,008	34,008	34,008	100.0	100.0	100.0	1,105	2,755	3,333	65	162	196
Vegetables	16,119	15,686	15,686	15,686	97.3	97.3	97.3	449	635	635	57	81	81
Potatoes	237	213	213	213	89.9	89.9	89.9	13	13	13	122	122	122
Sweetpotatoes	1,246	1,246	1,246	1,246	100.0	100.0	100.0	44	31	62	71	50	100
Nursery and greenhouse	143	143	143	143	100.0	100.0	100.0	7	7	7	98	98	98
Small fruit	161	145	121	121	90.1	75.2	75.2	7	3	3	97	50	50
Tree fruit	4,588	4,359	2,294	2,294	95.0	50.0	50.0	109	29	29	50	25	25
Intertilled crops	337,212	276,714	290,998	307,078	82.1	86.3	91.1	8,582	8,053	9,771	62	55	64

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1958--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	25,206	24,702	16,384	16,384	98.0	65.0	65.0	494	246	287	40	30	35
Rye	6,338	1,901	634	634	30.0	10.0	10.0	38	5	5	40	16	16
Oats	24,514	24,024	15,934	15,934	98.0	65.0	65.0	480	239	279	40	30	35
Barley	7,528	7,377	3,764	3,764	98.0	50.0	50.0	148	56	66	40	30	35
Close-growing crops	63,586	58,004	36,716	36,716	91.2	57.7	57.7	1,160	546	637	40	30	35
Tame hay and cropland pasture	51,744	15,768	15,768	15,768	30.5	30.5	30.5	16	378	449	2	48	57
Improved permanent pasture	20,022	6,649	6,649	6,649	33.2	33.2	33.2	7	160	189	2	48	57
Hay and pasture	71,766	22,417	22,417	22,417	31.2	31.2	31.2	23	538	638	2	48	57
Total	472,564	357,135	350,131	366,211	75.6	74.1	77.5	9,765	9,137	11,046	55	52	60
South Carolina:													
Corn	210,151	199,578	199,000	199,000	95.0	95.0	95.0	6,199	4,186	4,572	62	42	46
Sorghum	1,199	480	350	350	40.0	29.2	29.2	7	10	10	29	57	57
Soybeans	35,648	8,000	17,000	17,186	22.4	47.7	48.2	71	216	274	18	25	32
Cowpeas	17,427	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	1,761	400	880	880	22.7	50.0	50.0	10	27	26	50	61	59
Cotton	98,550	95,116	93,000	94,000	96.5	94.4	95.4	1,899	3,192	2,937	40	69	62
Tobacco	56,858	56,858	56,858	56,858	100.0	100.0	100.0	2,207	4,471	5,040	78	157	177
Sugarcane	40	36	36	---	90.0	90.0	---	1	1	---	56	56	---
Vegetables	11,234	9,505	9,505	9,505	84.6	84.6	84.6	232	449	322	49	94	68
Potatoes	204	202	202	202	99.0	99.0	99.0	9	17	12	89	168	119
Sweetpotatoes	3,912	3,873	3,873	1,549	99.0	99.0	39.6	55	141	134	28	73	173
Nursery and greenhouse	169	135	135	135	79.9	79.9	79.9	1	1	1	15	15	15
All fruit	1,411	600	706	706	42.5	50.0	50.0	8	11	11	27	31	31
Intertilled crops	438,564	374,783	381,545	380,371	85.5	87.0	86.7	10,699	12,722	13,339	57	67	70
Wheat	7,980	5,985	5,000	5,000	75.0	62.7	62.7	153	88	161	51	35	64
Rye	700	420	420	420	60.0	60.0	60.0	11	6	10	52	29	48
Oats	34,462	20,067	18,000	18,000	58.2	52.2	52.2	556	316	480	55	35	53
Barley	2,473	1,484	1,300	1,300	60.0	52.6	52.6	41	23	36	55	35	55
Close-growing crops	45,615	27,956	24,720	24,720	61.3	54.2	54.2	761	433	687	54	35	56
Tame hay and cropland pasture	70,485	23,554	22,082	23,554	33.4	31.3	33.4	679	618	610	58	56	52
Improved permanent pasture	27,588	7,000	7,200	7,200	25.4	26.1	26.1	255	232	229	73	64	64
Hay and pasture	98,073	30,554	29,282	30,754	31.2	29.9	31.4	934	850	839	61	58	55
Total	582,252	433,293	435,547	435,845	74.4	74.8	74.9	12,394	14,005	14,865	57	64	68
Total:													
Corn	346,218	330,714	330,136	330,136	95.5	95.4	95.4	11,641	6,415	7,326	70	39	44
Sorghum	2,752	1,955	1,825	1,825	71.0	66.3	66.3	40	32	32	41	35	35
Soybeans	81,527	10,294	35,352	44,713	12.6	43.4	54.8	76	445	756	15	25	34
Cowpeas	27,382	498	3,982	5,973	1.8	14.5	21.8	1	50	105	4	25	35
Peanuts	3,598	492	2,074	2,717	13.7	57.6	75.5	10	48	88	41	46	65
Cotton	183,969	180,535	174,148	179,419	98.1	94.7	97.5	3,266	5,221	5,201	36	60	58
Tobacco	90,866	90,866	90,866	90,866	100.0	100.0	100.0	3,312	7,226	8,373	73	159	184
Sugarcane	40	36	36	---	90.0	90.0	---	1	1	---	56	56	---
Vegetables	27,353	25,191	25,191	25,191	92.1	92.1	92.1	681	1,084	957	54	86	76
Potatoes	441	415	415	415	94.1	94.1	94.1	22	30	25	106	145	120
Sweetpotatoes	5,158	5,119	5,119	2,795	99.2	99.2	54.2	99	172	196	39	67	140
Nursery and greenhouse	312	278	278	278	89.1	89.1	89.1	8	8	8	58	58	58
All fruit	6,160	5,104	3,121	3,121	82.9	50.7	50.7	124	43	43	49	28	28
Intertilled crops	775,776	651,497	672,543	687,449	84.0	86.7	88.6	19,281	20,775	23,110	59	62	67
Wheat	33,186	30,687	21,384	21,384	92.5	64.4	64.4	647	334	448	42	31	42
Rye	7,038	2,321	1,054	1,054	33.0	15.0	15.0	49	11	15	42	21	28
Oats	58,976	44,091	33,934	33,934	74.8	57.5	57.5	1,036	555	789	47	33	45
Barley	10,001	8,861	5,064	5,064	88.6	50.6	50.6	189	79	102	43	31	40
Close-growing crops	109,201	85,960	61,436	61,436	78.7	56.3	56.3	1,921	979	1,324	45	32	43
Tame hay and cropland pasture	122,229	39,322	37,850	39,322	32.2	31.0	32.2	695	996	1,059	35	53	54
Improved permanent pasture	47,610	13,649	13,849	13,849	28.7	29.1	29.1	262	392	418	38	57	60
Hay and pasture	169,839	52,971	51,699	53,171	31.2	30.4	31.3	957	1,388	1,477	36	54	56
Total	1,054,816	790,428	785,678	802,046	74.9	74.5	76.0	22,159	23,142	25,911	56	59	65
ASR-17, PORTION IN:													
North Carolina:													
Corn	630,846	613,331	613,331	613,331	97.2	97.2	97.2	26,987	12,880	15,027	88	42	49
Sorghum	5,291	5,026	5,026	5,026	95.0	95.0	95.0	126	75	75	50	30	30
Soybeans	111,966	5,598	55,983	55,983	5.0	50.0	50.0	6	560	1,120	2	20	40
Cowpeas	6,618	331	3,309	3,309	5.0	50.0	50.0	---	33	66	2	20	40
Peanuts	27,990	1,400	18,194	27,990	5.0	65.0	100.0	1	318	938	1	35	67
Cotton	136,260	136,260	115,821	113,096	100.0	85.0	83.0	3,066	2,896	3,110	45	50	55
Tobacco	196,308	196,308	196,308	196,308	100.0	100.0	100.0	5,889	15,016	17,373	60	153	177
Vegetables	44,299	42,725	42,725	42,725	96.4	96.4	96.4	1,278	1,599	1,599	60	75	75
Potatoes	1,373	1,373	1,373	1,373	100.0	100.0	100.0	110	110	110	160	160	160
Sweetpotatoes	11,507	11,507	11,507	11,507	100.0	100.0	100.0	460	288	633	80	50	110
Nursery and greenhouse	423	423	423	423	100.0	100.0	100.0	21	21	21	100	100	100
Small fruit	325	244	244	244	75.1	75.1	75.1	12	5	5	98	41	41
Tree fruit	2,121	1,060	1,060	1,060	50.0	50.0	50.0	21	13	13	40	25	25
Intertilled crops	1,175,327	1,015,586	1,065,304	1,072,375	86.4	90.6	91.2	37,977	33,814	40,090	75	63	75

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	77,933	76,374	38,966	38,966	98.0	50.0	50.0	1,527	585	682	40	30	35
Rye	1,957	587	196	196	30.0	10.0	10.0	6	1	1	20	10	10
Oats	33,951	33,272	16,976	16,976	98.0	50.0	50.0	666	255	297	40	30	35
Barley	8,352	8,185	2,506	2,506	98.0	30.0	30.0	164	38	44	40	30	35
Close-growing crops	122,193	118,418	58,644	58,644	96.9	48.0	48.0	2,362	879	1,024	40	30	35
Tame hay and cropland pasture	145,222	47,040	47,040	47,040	32.4	32.4	32.4	47	1,129	1,340	2	48	57
Improved permanent pasture	87,000	30,857	30,857	30,857	35.5	35.5	35.5	31	741	879	2	48	57
Hay and pasture	232,222	77,897	77,897	77,897	33.5	33.5	33.5	78	1,870	2,219	2	48	57
Total	1,529,742	1,211,901	1,201,845	1,208,916	79.2	78.6	79.0	40,417	36,563	43,333	67	61	72
ASR-18, PORTION IN:													
North Carolina:													
Corn	155,593	150,364	150,364	150,364	96.6	96.6	96.6	6,015	2,255	2,782	80	30	37
Sorghum	6,254	5,316	5,316	5,316	85.0	85.0	85.0	80	80	80	30	30	30
Soybeans	15,219	761	9,131	9,131	5.0	60.0	60.0	2	91	137	5	20	30
Cowpeas	1,462	73	877	877	5.0	60.0	60.0	---	9	13	5	21	30
Peanuts	57	---	37	57	---	64.9	100.0	---	1	2	---	54	70
Cotton	3,412	3,412	3,071	3,071	100.0	90.0	90.0	48	61	84	28	40	55
Tobacco	100,333	100,333	100,333	100,333	100.0	100.0	100.0	2,257	6,321	7,224	45	126	144
Vegetables	24,155	23,058	23,058	23,058	95.0	95.0	95.0	477	1,153	1,153	50	100	100
Potatoes	732	695	695	695	94.9	94.9	94.9	17	35	35	49	101	101
Sweetpotatoes	759	721	721	721	95.0	95.0	95.0	14	29	43	39	80	119
Nursery and greenhouse	588	588	588	588	100.0	100.0	100.0	24	15	15	82	51	51
Small fruit	570	428	428	428	75.1	75.1	75.1	21	10	10	98	47	47
Tree fruit	2,807	1,404	1,404	1,404	50.0	50.0	50.0	28	18	18	40	26	26
Intertilled crops	311,041	287,153	296,023	296,043	92.1	94.9	94.9	9,083	10,078	11,596	63	68	78
Wheat	83,966	79,768	71,371	71,371	95.0	85.0	85.0	1,197	714	892	30	20	25
Rye	2,815	844	563	563	30.0	20.0	20.0	4	6	8	9	21	28
Oats	42,591	40,376	36,126	36,126	95.0	85.0	85.0	606	361	452	30	20	25
Barley	7,287	6,923	5,101	5,101	95.0	70.0	70.0	104	51	64	30	20	25
Close-growing crops	136,669	127,911	113,161	113,161	93.7	82.9	82.9	1,911	1,132	1,416	30	20	25
Tame hay and cropland pasture	228,363	84,083	84,083	84,083	36.8	36.8	36.8	84	2,228	2,640	2	53	63
Improved permanent pasture	183,270	37,552	37,552	37,552	20.5	20.5	20.5	38	995	1,183	2	53	63
Hay and pasture	411,633	121,635	121,635	121,635	29.6	29.6	29.6	122	3,223	3,823	2	53	63
Total	860,133	536,699	520,819	520,839	62.4	61.7	61.7	11,116	14,433	16,845	41	54	63
Virginia:													
Corn	111,779	105,246	105,246	105,246	94.2	94.2	94.2	1,991	2,179	2,192	38	41	42
Sorghum	2,294	1,147	1,147	1,147	50.0	50.0	50.0	21	21	21	37	37	37
Soybeans	10,665	2,664	2,664	2,664	25.0	25.0	25.0	8	63	63	6	47	47
Cowpeas	904	---	90	90	---	10.0	10.0	---	6	6	---	133	133
Peanuts	883	---	88	88	---	10.0	10.0	---	2	6	---	45	136
Cotton	3,448	1,724	1,724	1,724	50.0	50.0	50.0	33	66	68	38	77	79
Tobacco	59,018	58,271	58,271	58,271	98.7	98.7	98.7	1,523	3,662	4,202	52	126	144
Vegetables	19,224	11,900	11,900	11,900	61.9	61.9	61.9	171	389	378	29	65	47
Potatoes	426	400	400	400	93.9	93.9	93.9	14	27	27	70	135	136
Sweetpotatoes	431	215	215	215	49.9	49.9	49.9	3	8	15	28	74	93
Nursery and greenhouse	280	224	224	224	80.0	80.0	80.0	8	18	8	71	161	71
Small fruit	69	34	34	34	49.3	49.3	49.3	1	2	1	59	118	59
Tree fruit	4,127	2,890	2,890	2,890	70.0	70.0	70.0	145	104	43	1	72	37
Intertilled crops	213,538	184,715	184,893	184,893	86.5	86.6	86.6	3,918	6,547	6,935	42	71	75
Wheat	67,128	64,063	64,063	64,063	95.4	95.4	95.4	1,084	1,088	1,147	34	33	33
Rye	1,620	162	162	162	10.0	10.0	10.0	2	4	5	25	49	37
Oats	11,151	7,806	7,806	7,806	70.0	70.0	70.0	162	236	307	42	60	79
Barley	9,510	6,495	6,495	6,495	68.3	68.3	68.3	134	166	182	41	51	56
Close-growing crops	89,409	78,526	78,526	78,526	87.8	87.8	87.8	1,382	1,494	1,630	35	38	39
Tame hay and cropland pasture	261,240	67,174	67,174	67,174	25.7	25.7	25.7	246	2,203	2,112	7	66	63
Improved permanent pasture	192,939	32,143	32,143	32,143	16.7	16.7	16.7	291	503	291	18	31	18
Hay and pasture	454,179	99,317	99,317	99,317	21.9	21.9	21.9	537	2,706	2,403	11	54	48
Total	757,146	362,558	362,736	362,736	47.9	47.9	47.9	5,837	10,728	11,875	32	59	60
Total:													
Corn	267,372	255,610	255,610	255,610	95.6	95.6	95.6	8,006	4,434	4,974	63	35	39
Sorghum	8,548	6,463	6,463	6,463	75.6	75.6	75.6	101	101	101	31	31	31
Soybeans	25,884	3,425	11,795	11,795	13.2	45.6	45.6	10	154	200	6	26	34
Cowpeas	2,366	73	967	967	3.1	40.9	40.9	---	15	19	5	31	39
Peanuts	940	---	124	145	---	13.3	15.4	---	3	8	---	48	110
Cotton	6,860	5,136	4,795	4,795	74.9	69.9	69.9	91	127	152	32	53	63
Tobacco	159,351	158,604	158,604	158,604	99.5	99.5	99.5	3,780	9,983	11,426	48	126	144
Vegetables	43,379	34,958	34,958	34,958	80.6	80.6	80.6	648	1,542	1,531	43	88	82
Potatoes	1,158	1,095	1,095	1,095	94.6	94.6	94.6	31	62	62	57	113	113
Sweetpotatoes	1,190	936	936	936	78.7	78.7	78.7	17	37	53	36	79	113
Nursery and greenhouse	868	812	812	812	93.5	93.5	93.5	32	33	23	79	81	57
Small fruit	639	462	462	462	72.3	72.3	72.3	22	12	11	95	52	48
Tree fruit	6,934	4,294	4,294	4,294	61.9	61.9	61.9	173	122	71	81	57	33
Intertilled crops	525,479	471,868	480,916	480,936	89.8	91.5	91.5	13,001	16,625	18,531	55	69	77

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	151,094	143,831	135,434	135,434	95.2	89.6	89.6	2,281	1,784	1,937	32	26	29
Rye	4,435	1,006	725	725	22.7	16.3	16.3	6	10	11	12	28	30
Oats	53,652	48,182	43,932	43,932	89.8	81.9	81.9	768	597	759	32	27	35
Barley	16,797	13,418	11,596	11,596	79.9	69.0	69.0	238	216	246	35	37	42
Close-growing crops	225,978	206,437	191,687	191,687	91.4	84.8	84.8	3,293	2,607	2,953	32	27	31
Tame hay and cropland pasture	489,613	151,257	151,257	151,257	30.9	30.9	30.9	330	4,431	4,762	4	59	63
Improved permanent pasture	376,209	69,695	69,695	69,695	18.5	18.5	18.5	329	1,498	1,474	9	43	42
Hay and pasture	865,822	220,952	220,952	220,952	25.5	25.5	25.5	659	5,929	6,236	6	54	56
Total	1,617,279	899,257	893,555	893,575	55.6	55.3	55.3	16,953	25,161	27,720	38	56	62
ASR-19, PORTION IN:													
Maryland:													
Corn	8,963	8,059	8,059	8,059	89.9	89.9	89.9	89	148	148	22	37	37
Soybeans	74	52	52	52	70.3	70.3	70.3	---	1	1	6	38	38
Vegetables	1,283	625	625	625	48.7	48.7	48.7	51	53	42	163	170	134
Potatoes	254	48	48	48	18.9	18.9	18.9	1	2	1	42	83	42
Sweet potatoes	1	1	1	1	100.0	100.0	100.0	---	---	---	25	50	25
Nursery and greenhouse	51	25	25	25	49.0	49.0	49.0	1	1	1	40	80	40
Small fruits	42	40	40	40	95.2	95.2	95.2	2	4	2	100	200	100
Tree fruits	942	900	---	---	95.5	---	---	40	---	---	89	---	---
Miscellaneous	182	27	27	27	14.8	14.8	14.8	---	1	1	11	74	74
Intertilled crops	11,792	9,777	8,877	8,877	82.9	75.3	75.3	184	210	196	38	47	44
Wheat	2,068	1,849	1,849	1,849	89.4	89.4	89.4	16	27	19	17	29	21
Rye	76	38	38	38	50.0	50.0	50.0	---	1	---	15	28	20
Buckwheat	524	393	393	393	75.0	75.0	75.0	2	6	4	10	31	20
Oats	8,923	7,977	7,977	7,977	89.4	89.4	89.4	68	116	84	17	29	21
Barley	559	500	500	500	89.4	89.4	89.4	4	7	5	16	28	20
Close-growing crops	12,150	10,757	10,757	10,757	88.5	88.5	88.5	90	157	112	17	29	21
Tame hay and cropland pasture	60,523	7,831	7,831	7,831	12.9	12.9	12.9	45	150	150	11	38	38
Improved permanent pasture	41,392	2,550	2,550	2,550	6.2	6.2	6.2	26	51	41	20	40	32
Hay and pasture	101,915	10,381	10,381	10,381	10.2	10.2	10.2	71	201	191	14	39	37
Total	125,857	30,915	30,615	30,015	24.6	---	---	345	568	499	22	---	---
Pennsylvania:													
Corn	118,618	105,423	105,423	105,423	88.9	88.9	88.9	2,203	2,355	2,126	42	45	40
Soybeans	2,012	1,207	1,207	1,207	60.0	60.0	60.0	4	19	14	7	31	23
Vegetables	12,270	8,887	8,887	8,887	72.4	72.4	72.4	331	544	429	74	122	97
Potatoes	4,251	3,131	3,131	3,131	73.7	73.7	73.7	134	291	275	86	186	176
Sweet potatoes	21	21	21	21	100.0	100.0	100.0	---	---	---	31	103	103
Nursery and greenhouse	5,662	3,114	3,114	3,114	55.0	55.0	55.0	10	18	18	6	12	12
Small fruits	265	265	265	265	100.0	100.0	100.0	3	2	2	23	15	15
Tree fruits	8,344	4,589	4,589	4,589	55.0	55.0	55.0	69	42	42	30	18	18
Intertilled crops	151,443	126,637	126,637	126,637	83.6	83.6	83.6	2,754	3,271	2,906	43	52	46
Wheat	48,352	41,096	41,096	41,096	85.0	85.0	85.0	375	751	751	18	37	37
Rye	1,330	931	931	931	70.0	70.0	70.0	6	16	9	13	34	19
Buckwheat	4,818	2,168	2,168	2,168	45.0	45.0	45.0	3	8	5	3	7	5
Oats	131,342	94,566	94,566	94,566	72.0	72.0	72.0	364	728	728	8	15	15
Barley	13,217	9,252	9,252	9,252	70.0	70.0	70.0	75	149	149	16	32	32
Close-growing crops	199,059	148,013	148,013	148,013	74.4	74.4	74.4	823	1,652	1,642	11	22	22
Tame hay and cropland pasture	649,241	64,625	64,625	64,625	10.0	10.0	10.0	265	1,838	1,838	8	57	57
Improved permanent pasture	363,101	17,111	17,111	17,111	4.7	4.7	4.7	126	251	251	15	29	29
Hay and pasture	1,012,342	81,736	81,736	81,736	8.1	8.1	8.1	391	2,089	2,089	10	51	51
Total	1,362,844	356,386	356,386	356,386	26.2	26.2	26.2	3,968	7,012	6,637	22	39	37
West Virginia:													
Corn	7,716	5,140	5,140	5,140	66.6	66.6	66.6	98	139	108	38	54	42
Soybeans	336	13	134	134	3.9	39.9	39.9	---	2	2	31	30	30
Tobacco	1	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	5,960	837	837	837	14.0	14.0	14.0	21	29	30	50	69	72
Potatoes	672	345	345	345	51.3	51.3	51.3	15	19	21	87	110	122
Sweet potatoes	4	---	2	2	---	50.0	50.0	---	---	---	---	53	53
Nursery and greenhouse	112	67	17	17	59.8	15.2	15.2	3	---	---	90	47	47
Small fruits	73	36	18	18	49.3	24.7	24.7	1	---	---	56	22	33
Tree fruits	1,332	133	33	33	10.0	2.5	2.5	3	---	---	45	18	18
Intertilled crops	16,206	6,571	6,526	6,526	40.5	40.3	40.3	141	189	161	43	58	49
Wheat	1,151	1,004	1,004	1,004	87.2	87.2	87.2	12	28	18	24	56	36
Rye	9	1	1	1	11.1	11.1	11.1	---	---	---	18	49	32
Buckwheat	731	293	293	293	40.1	40.1	40.1	2	5	3	14	34	20

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Oats	4,274	2,874	2,874	2,874	67.2	67.2	67.2	29	78	50	20	54	35
Barley	404	283	283	283	70.0	70.0	70.0	3	7	4	21	49	28
Close-growing crops	6,569	4,455	4,455	4,455	67.8	67.8	67.8	46	118	75	21	53	34
Tame hay and cropland pasture	198,569	11,652	16,133	16,133	5.9	8.1	8.1	182	589	475	31	73	59
Improved permanent pasture	254,612	2,897	7,242	3,621	1.1	2.8	1.4	45	212	100	31	59	55
Hay and pasture	453,181	14,549	23,375	19,754	3.2	5.2	4.4	227	801	575	31	69	58
Total	475,956	25,515	34,356	30,735	5.4	7.2	6.5	414	1,108	811	32	65	53
Total:													
Corn	135,297	118,622	118,622	118,622	87.7	87.7	87.7	2,390	2,642	2,382	40	45	40
Soybeans	2,422	1,272	1,393	1,393	52.5	57.5	57.5	4	22	17	6	32	24
Tobacco	1	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	19,513	10,349	10,349	10,349	53.0	53.0	53.0	403	626	501	78	121	97
Potatoes	5,177	3,524	3,524	3,524	68.1	68.1	68.1	150	312	297	85	177	169
Sweet potatoes	26	22	24	24	84.6	92.3	92.3	---	---	---	31	100	100
Nursery and greenhouse	5,825	3,206	3,156	3,156	55.0	54.2	54.2	14	19	19	9	12	12
Small fruits	380	341	323	323	89.7	85.0	85.0	6	6	4	35	37	25
Tree fruits	10,618	5,622	4,622	4,622	52.9	43.5	43.5	112	42	42	40	18	18
Miscellaneous	182	27	27	27	14.8	14.8	14.8	---	1	1	11	74	74
Intertilled crops	179,441	142,985	142,040	142,040	79.7	79.2	79.2	3,079	3,670	3,263	43	52	46
Wheat	51,571	43,949	43,949	43,949	85.2	85.2	85.2	403	806	788	18	37	36
Rye	1,415	970	970	970	68.6	68.6	68.6	6	17	9	12	35	19
Buckwheat	6,073	2,854	2,854	2,854	47.0	47.0	47.0	7	19	12	5	13	8
Oats	144,539	105,417	105,417	105,417	72.9	72.9	72.9	461	922	862	9	17	16
Barley	14,180	10,035	10,035	10,035	70.8	70.8	70.8	82	163	158	16	32	31
Close-growing crops	217,778	163,225	163,225	163,225	75.0	75.0	75.0	959	1,927	1,829	12	24	22
Tame hay and cropland pasture	908,333	84,108	88,589	88,589	9.3	9.8	9.8	492	2,577	2,463	12	58	56
Improved permanent pasture	659,105	22,558	26,903	23,282	3.4	4.1	3.5	197	514	392	17	38	34
Hay and pasture	1,567,438	106,666	115,492	111,871	6.8	7.4	7.1	689	3,091	2,855	13	54	51
Total	1,964,657	412,876	420,757	417,136	21.0	21.4	21.2	4,727	8,688	7,947	23	41	38
ASR-20, PORTION IN:													
Ohio:													
Corn	400,175	382,360	382,360	382,360	95.5	95.5	95.5	4,898	10,749	9,315	26	56	51
Soybeans	103,187	17,317	21,646	21,646	16.8	21.0	21.0	75	396	373	9	37	34
Sugar beets	878	878	878	878	100.0	100.0	100.0	25	26	26	57	59	59
Vegetables	32,522	21,782	21,782	21,782	67.0	67.0	67.0	852	852	852	78	78	78
Potatoes	7,168	6,061	6,061	6,061	84.6	84.6	84.6	94	364	364	31	120	120
Sweet potatoes	2	2	2	2	100.0	100.0	100.0	---	---	---	30	120	120
Popcorn	703	689	689	689	98.0	98.0	98.0	10	17	11	29	49	32
Nursery and greenhouse	9,174	8,273	8,273	8,273	90.2	90.2	90.2	410	410	410	99	99	99
Small fruits	1,126	879	879	176	78.1	78.1	15.6	22	22	1	50	50	11
Tree fruits	24,686	9,918	9,918	9,918	40.2	40.2	40.2	199	26	25	40	5	5
Miscellaneous	2,733	957	957	957	35.0	35.0	35.0	5	15	15	10	31	31
Intertilled crops	582,354	449,116	453,445	452,742	77.1	77.9	77.7	6,590	12,877	11,892	29	57	53
Wheat	211,697	203,071	203,071	203,071	95.9	95.9	95.9	2,072	3,787	3,596	20	37	35
Rye	3,803	2,822	2,822	2,822	74.2	74.2	74.2	14	57	28	10	40	20
Buckwheat	1,157	636	636	636	55.0	55.0	55.0	1	4	4	3	13	13
Oats	312,836	171,523	171,523	171,523	80.6	80.6	80.6	1,201	2,833	2,603	14	33	30
Barley	13,494	12,944	12,944	12,944	95.9	95.9	95.9	80	229	219	12	35	34
Close-growing crops	442,987	390,996	390,996	390,996	88.3	88.3	88.3	3,368	6,910	6,455	17	35	33
Tame hay and cropland pasture	610,503	4,653	58,166	57,003	0.8	9.5	9.3	132	1,886	2,006	57	65	70
Improved permanent pasture	367,056	8,346	15,026	15,026	2.3	4.1	4.1	293	408	446	70	54	59
Hay and pasture	977,559	12,999	73,192	72,029	1.3	7.5	7.4	425	2,294	2,452	65	63	68
Total	2,002,500	853,111	917,633	915,767	42.6	45.3	45.7	10,383	22,081	20,799	24	48	45
Pennsylvania:													
Corn	113,685	107,382	107,382	107,382	94.5	94.5	94.5	2,122	2,269	2,049	40	42	38
Soybeans	1,042	625	625	625	60.0	60.0	60.0	4	18	14	13	58	45
Vegetables	11,163	8,682	8,682	8,682	77.8	77.8	77.8	319	524	414	73	121	95
Potatoes	6,218	5,626	5,626	5,626	90.5	90.5	90.5	129	231	264	46	100	94
Sweet potatoes	5	5	5	5	100.0	100.0	100.0	---	---	---	31	103	103
Nursery and greenhouse	3,700	2,035	2,035	2,035	55.0	55.0	55.0	10	17	17	10	17	17
Small fruits	356	356	356	356	100.0	100.0	100.0	3	2	2	17	11	11
Tree fruits	16,410	9,026	9,026	9,026	55.0	55.0	55.0	67	40	40	15	9	9
Intertilled crops	152,579	133,737	133,737	133,737	87.7	87.7	87.7	2,654	3,151	2,800	40	47	42
Wheat	42,505	40,142	40,142	40,142	94.4	94.4	94.4	362	724	724	18	36	36
Rye	1,140	798	798	798	70.0	70.0	70.0	6	15	9	15	38	23
Buckwheat	3,294	1,482	1,482	1,482	45.0	45.0	45.0	3	8	5	4	11	7

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Oats	103,550	74,556	74,556	74,556	72.0	72.0	72.0	351	701	701	9	19	19
Barley	5,796	4,057	4,057	4,057	70.0	70.0	70.0	72	144	144	35	71	71
Close-growing crops	156,285	121,035	121,035	121,035	77.4	77.4	77.4	794	1,592	1,583	13	26	26
Tame hay and cropland pasture	395,797	46,352	46,352	46,352	11.7	11.7	11.7	255	1,771	1,771	11	76	76
Improved permanent pasture	259,766	12,384	12,384	12,384	4.8	4.8	4.8	121	242	242	20	39	39
Hay and pasture	655,563	58,736	58,736	58,736	9.0	9.0	9.0	376	2,013	2,013	13	69	69
Total	964,427	313,508	313,508	313,508	32.5	32.5	32.5	3,824	6,756	6,396	24	43	41
Total:													
Corn	513,860	489,742	489,742	489,742	95.3	95.3	95.3	7,020	13,018	11,864	29	53	48
Soybeans	104,229	17,942	22,271	22,271	17.2	21.4	21.4	79	414	387	9	37	35
Sugar beets	878	878	878	878	100.0	100.0	100.0	25	26	26	57	59	59
Vegetables	43,685	30,464	30,464	30,464	69.7	69.7	69.7	1,171	1,376	1,266	77	90	83
Potatoes	13,386	11,687	11,687	11,687	87.3	87.3	87.3	223	645	628	38	110	107
Sweet potatoes	7	7	7	7	100.0	100.0	100.0	---	---	---	31	108	108
Popcorn	703	689	689	689	98.0	98.0	98.0	10	17	11	29	49	32
Nursery and greenhouse	12,874	10,308	10,308	10,308	80.1	80.1	80.1	420	427	427	81	83	83
Small fruits	1,482	1,235	1,235	532	83.3	83.3	35.9	25	24	3	40	39	11
Tree fruits	41,096	18,944	18,944	18,944	46.1	46.1	46.1	266	66	65	28	7	7
Miscellaneous	2,733	957	957	957	35.0	35.0	35.0	5	15	15	10	31	31
Intertilled crops	734,933	582,853	587,182	586,479	79.3	79.9	79.8	9,244	16,028	14,692	32	55	50
Wheat	254,202	243,213	243,213	243,213	95.7	95.7	95.7	2,434	4,511	4,320	20	37	36
Rye	4,943	3,620	3,620	3,620	73.2	73.2	73.2	20	72	37	11	40	20
Buckwheat	4,451	2,118	2,118	2,118	47.6	47.6	47.6	4	12	9	4	11	8
Oats	316,386	246,079	246,079	246,079	77.7	77.7	77.7	1,552	3,534	3,309	13	29	27
Barley	19,290	17,001	17,001	17,001	88.1	88.1	88.1	152	373	363	18	44	43
Close-growing crops	599,272	512,031	512,031	512,031	85.4	85.4	85.4	4,162	8,502	8,038	16	33	31
Tame hay and cropland pasture	1,006,300	51,005	104,518	103,355	5.1	10.4	10.3	387	3,657	3,777	15	70	73
Improved permanent pasture	626,822	20,730	27,410	27,410	3.3	4.4	4.4	414	650	688	40	47	50
Hay and pasture	1,633,122	71,735	131,928	130,765	4.4	8.1	8.0	801	4,307	4,465	22	65	68
Total	2,967,327	1,166,619	1,231,141	1,229,275	39.3	41.5	41.4	14,207	28,837	27,195	24	47	44
ASR-21, PORTION IN:													
Ohio:													
Corn	321,085	307,385	307,385	307,385	95.7	95.7	95.7	3,766	8,232	6,993	25	54	45
Soybeans	46,215	7,752	9,690	9,690	16.8	21.0	21.0	28	144	111	7	30	23
Tobacco	2	2	2	2	100.0	100.0	100.0	---	---	---	70	140	209
Vegetables	9,835	2,295	2,295	2,295	23.3	23.3	23.3	79	79	79	69	69	69
Potatoes	1,378	1,033	1,033	1,033	75.0	75.0	75.0	15	62	62	29	120	120
Sweet potatoes	17	17	17	17	100.0	100.0	100.0	---	1	1	30	118	118
Popcorn	966	880	880	880	91.1	91.1	91.1	13	21	14	30	48	32
Nursery and greenhouse	1,214	1,093	1,093	1,093	90.1	90.1	90.1	55	55	55	101	101	101
Small fruit	257	190	190	38	73.9	73.9	14.8	5	5	---	53	53	10
Tree fruit	8,108	3,000	3,000	3,000	37.0	37.0	37.0	60	8	8	40	5	5
Miscellaneous	17,155	5,146	5,146	5,146	30.0	30.0	30.0	26	82	82	10	32	32
Intertilled crops	406,232	328,793	330,731	330,579	80.9	81.4	81.4	4,047	8,689	7,405	25	53	44
Wheat	120,104	116,751	116,751	116,751	97.2	97.2	97.2	1,134	2,086	1,888	19	36	32
Rye	1,844	1,106	1,106	1,106	60.0	60.0	60.0	6	22	11	11	40	20
Buckwheat	280	140	140	140	50.0	50.0	50.0	---	1	1	3	14	14
Oats	94,568	71,170	71,170	71,170	75.3	75.3	75.3	498	1,175	1,083	14	33	30
Barley	7,268	6,541	6,540	6,540	90.0	90.0	90.0	40	115	111	12	35	34
Close-growing crops	224,064	195,708	195,707	195,707	87.3	87.3	87.3	1,678	3,399	3,094	17	35	32
Tame hay and cropland pasture	617,325	3,183	39,799	38,994	0.5	64.4	63.2	73	1,147	1,097	46	58	56
Improved permanent pasture	715,193	9,525	17,145	17,145	1.3	2.4	2.4	237	389	365	50	45	43
Hay and pasture	1,332,518	12,708	56,935	56,139	1.0	4.3	4.2	310	1,536	1,462	49	54	52
Total	1,962,814	537,209	583,373	582,425	27.4	29.7	29.7	6,035	13,624	11,961	22	47	41
West Virginia:													
Corn	10,528	5,910	5,910	5,910	56.1	56.1	56.1	74	130	103	25	44	35
Soybeans	714	18	175	175	2.5	24.5	24.5	---	2	2	25	23	23
Tobacco	14	8	8	8	57.1	57.1	57.1	---	1	---	75	250	132
Vegetables	4,257	1,021	1,021	1,021	24.0	24.0	24.0	28	37	39	55	72	76
Potatoes	509	125	125	125	24.6	24.6	24.6	5	6	6	80	96	96
Sweet potatoes	2	1	1	1	50.0	50.0	50.0	---	---	---	42	60	60
Nursery and greenhouse	307	215	54	54	70.0	17.6	17.6	12	1	1	112	37	37
Small fruit	49	34	17	17	69.4	34.7	34.7	1	---	---	59	35	35
Tree fruit	2,013	101	25	25	5.0	1.2	1.2	2	---	---	40	16	16
Intertilled crops	18,393	7,433	7,336	7,336	40.4	39.9	39.9	122	177	151	33	48	41
Wheat	1,112	735	735	735	66.1	66.1	66.1	8	18	11	22	49	30
Rye	2	---	---	---	---	---	---	---	---	---	---	---	---
Buckwheat	1	---	---	---	---	---	---	---	---	---	---	---	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Oats	2,632	994	994	994	37.8	37.8	37.8	9	27	17	18	54	34
Barley	600	420	420	420	70.0	70.0	70.0	4	11	7	19	52	33
Close-growing crops	4,347	2,149	2,149	2,149	49.4	49.4	49.4	21	56	35	20	52	33
Tame hay and cropland pasture	107,666	3,435	6,183	6,183	3.2	5.7	5.7	38	234	167	22	76	54
Improved permanent pasture	150,676	702	1,755	878	0.5	1.2	0.6	9	45	21	26	51	48
Hay and pasture	258,342	4,137	7,938	7,061	1.6	3.1	2.7	47	279	188	23	70	53
Total	281,082	13,719	17,423	16,546	4.9	6.2	5.9	190	512	374	28	59	45
Total:													
Corn	331,613	313,295	313,295	313,295	94.5	94.5	94.5	3,840	8,362	7,096	25	53	45
Soybeans	46,929	7,770	9,865	9,865	16.6	21.0	21.0	28	146	113	7	30	23
Tobacco	16	10	10	10	62.5	62.5	62.5	---	1	---	74	200	147
Vegetables	14,092	3,316	3,316	3,316	23.5	23.5	23.5	107	116	118	65	70	71
Potatoes	1,887	1,158	1,158	1,158	61.4	61.4	61.4	20	68	68	35	117	117
Sweet potatoes	19	18	18	18	94.7	94.7	94.7	---	1	1	31	111	111
Popcorn	966	880	880	880	91.1	91.1	91.1	13	21	14	30	48	32
Nursery and greenhouse	1,521	1,308	1,147	1,147	86.0	75.4	75.4	67	56	56	102	98	98
Small fruits	306	224	207	55	73.2	67.6	18.0	6	5	---	54	48	18
Tree fruits	10,121	3,101	3,025	3,025	30.6	29.9	29.9	62	8	8	40	5	5
Miscellaneous	17,155	5,146	5,146	5,146	30.0	30.0	30.0	26	82	82	10	32	32
Intertilled crops	424,625	336,226	338,067	337,915	79.2	79.6	79.6	4,169	8,866	7,556	25	52	45
Wheat	121,216	117,486	117,486	117,486	96.9	96.9	96.9	1,142	2,104	1,899	19	36	32
Rye	1,846	1,106	1,106	1,106	59.9	59.9	59.9	6	22	11	11	40	20
Buckwheat	281	140	140	140	49.8	49.8	49.8	---	1	1	3	14	14
Oats	97,200	72,164	72,164	72,164	74.2	74.2	74.2	507	1,202	1,100	14	33	30
Barley	7,868	6,961	6,960	6,960	88.5	88.5	88.5	44	126	118	13	36	34
Close-growing crops	228,411	197,857	197,856	197,856	86.6	86.6	86.6	1,699	3,455	3,129	17	35	32
Tame hay and cropland pasture	724,991	6,618	45,973	45,177	0.9	6.3	6.2	111	1,381	1,264	34	60	56
Improved permanent pasture	865,869	10,227	18,900	18,023	1.2	2.2	2.1	246	434	386	48	46	43
Hay and pasture	1,590,860	16,845	64,873	63,200	1.1	4.1	4.0	357	1,815	1,650	42	56	52
Total	2,243,896	550,928	600,796	598,971	24.6	26.8	26.7	6,225	14,136	12,335	23	47	41
ASR-22, PORTION IN:													
Ohio:													
Corn	134,862	117,307	117,307	117,307	87.0	87.0	87.0	1,618	3,797	2,789	28	65	48
Soybeans	6,360	1,392	1,740	1,740	21.9	27.4	27.4	10	32	20	14	37	23
Tobacco	1,763	1,763	1,763	1,763	100.0	100.0	100.0	62	123	184	70	140	209
Vegetables	10,878	5,013	5,013	5,013	46.1	46.1	46.1	189	189	189	75	75	75
Potatoes	1,136	919	919	919	80.9	80.9	80.9	14	55	55	30	120	120
Sweet potatoes	41	41	41	41	100.0	100.0	100.0	1	2	2	49	98	98
Popcorn	323	310	310	310	96.0	96.0	96.0	5	7	5	32	45	32
Nursery and greenhouse	320	298	298	298	93.1	93.1	93.1	15	15	15	101	101	101
Small fruits	161	125	125	25	77.6	77.6	77.6	3	3	---	48	48	10
Tree fruits	4,378	2,408	2,408	2,408	55.0	55.0	55.0	48	6	6	40	5	5
Intertilled crops	160,222	129,576	129,924	129,824	80.9	81.1	81.0	1,965	4,229	3,265	30	65	50
Wheat	16,389	14,772	14,772	14,772	90.1	90.1	90.1	108	259	171	15	35	23
Rye	388	272	272	272	70.1	70.1	70.1	1	5	3	7	37	22
Buckwheat	131	79	79	79	60.3	60.3	60.3	---	---	---	3	12	12
Oats	18,692	16,784	16,784	16,784	89.8	89.8	89.8	117	277	256	14	33	31
Barley	2,708	2,572	2,572	2,572	95.0	95.0	95.0	15	45	44	12	35	34
Close-growing crops	38,308	34,479	34,479	34,479	90.0	90.0	90.0	241	586	474	14	34	27
Tame hay and cropland pasture	347,115	2,348	29,351	28,764	0.7	8.5	8.3	66	1,119	889	56	76	62
Improved permanent pasture	591,553	7,402	13,323	13,323	1.3	2.3	2.3	193	410	340	52	62	51
Hay and pasture	938,668	9,750	42,674	42,087	1.0	4.5	4.5	259	1,529	1,229	53	72	58
Total	1,137,198	173,805	207,077	206,390	15.3	18.2	18.1	2,465	6,344	4,968	28	61	48
West Virginia:													
Corn	36,944	21,131	21,131	21,131	57.2	57.2	57.2	298	465	391	28	44	37
Soybeans	1,540	46	462	462	3.0	30.0	30.0	1	5	6	22	22	26
Tobacco	1,872	1,683	1,683	1,683	89.9	89.9	89.9	76	129	119	90	153	141
Vegetables	16,719	2,038	2,038	2,038	12.2	12.2	12.2	39	51	54	38	50	53
Potatoes	2,263	988	988	988	43.7	43.7	43.7	31	39	43	63	79	87
Sweet potatoes	144	113	113	113	78.5	78.5	78.5	2	3	3	35	53	53
Nursery and greenhouse	197	108	27	27	54.8	13.7	13.7	6	1	1	111	37	52
Small fruits	137	66	33	33	48.2	24.1	---	2	---	1	61	24	30
Tree fruits	4,449	222	56	56	5.0	1.3	1.3	5	1	1	45	18	21
Intertilled crops	64,265	26,395	26,531	26,531	41.1	41.3	41.3	460	694	619	35	52	47
Wheat	2,046	1,781	1,781	1,781	87.0	87.0	87.0	20	45	22	22	51	25
Rye	102	11	11	11	10.8	10.8	10.8	---	---	---	12	34	22
Buckwheat	53	21	21	21	39.6	39.6	39.6	---	---	---	9	25	16

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Oats	2,104	1,323	1,323	1,323	62.9	62.9	62.9	10	26	16	15	39	24
Barley	515	360	360	360	69.9	69.9	69.9	3	9	5	17	50	28
Close-growing crops	4,820	3,496	3,496	3,496	72.5	72.5	72.5	33	80	43	19	46	25
Tame hay and cropland pasture	370,788	16,533	29,760	29,760	4.5	8.0	8.0	281	1,121	836	34	75	56
Improved permanent pasture	630,204	6,028	15,069	7,534	1.0	2.4	1.2	85	405	187	28	54	50
Hay and pasture	1,000,992	22,561	44,829	37,294	2.3	4.5	3.7	366	1,526	1,023	32	68	55
Total	1,070,077	52,452	74,856	67,321	4.9	7.0	6.3	859	2,300	1,685	33	61	50
Total:													
Corn	171,806	138,438	138,438	138,438	80.6	80.6	80.6	1,916	4,262	3,180	28	62	46
Soybeans	7,900	1,438	2,202	2,202	18.2	27.9	27.9	11	37	26	15	34	24
Tobacco	3,635	3,446	3,446	3,446	94.8	94.8	94.8	138	252	303	80	146	176
Vegetables	27,597	7,051	7,051	7,051	25.5	25.5	25.5	228	240	243	65	68	69
Potatoes	3,399	1,907	1,907	1,907	56.1	56.1	56.1	45	94	98	47	99	103
Sweet potatoes	185	154	154	154	83.2	83.2	83.2	3	5	5	39	65	65
Popcorn	323	310	310	310	96.0	96.0	96.0	5	7	5	32	45	32
Nursery and greenhouse	517	406	325	325	78.5	62.9	62.9	21	16	16	103	98	98
Small fruit	298	191	158	58	64.1	53.0	19.5	5	3	1	52	38	21
Tree fruit	8,827	2,630	2,464	2,464	29.8	27.9	27.9	53	7	7	40	6	6
Intertilled crops	224,487	155,971	156,455	156,355	69.5	69.7	69.6	2,425	4,923	3,884	31	63	50
Wheat	18,435	16,553	16,553	16,553	89.8	89.8	89.8	128	304	193	15	37	23
Rye	490	283	283	283	57.8	57.8	57.8	1	5	3	7	35	22
Buckwheat	184	100	100	100	54.3	54.3	54.3	---	---	---	4	14	13
Oats	20,796	18,107	18,107	18,107	87.1	87.1	87.1	127	303	272	14	33	30
Barley	3,223	2,932	2,932	2,932	91.0	91.0	91.0	18	54	49	12	37	33
Close-growing crops	43,128	37,975	37,975	37,975	88.1	88.1	88.1	274	666	517	14	35	27
Tame hay and cropland pasture	717,903	18,881	59,111	58,524	2.6	8.2	8.2	347	2,240	1,725	38	76	59
Improved permanent pasture	1,221,757	13,430	28,392	20,857	1.1	2.3	1.7	278	815	527	41	57	51
Hay and pasture	1,939,660	32,311	87,503	79,381	1.7	4.5	4.1	625	3,055	2,252	39	70	57
Total	2,207,275	226,257	281,933	273,711	10.3	12.8	12.4	3,324	8,644	6,653	29	61	49
ASR-23, PORTION IN:													
Kentucky:													
Corn	128,474	83,297	83,297	83,297	64.8	64.8	64.8	1,024	1,820	955	25	44	23
Sorghum	2,088	422	422	422	20.2	20.2	20.2	8	15	14	38	71	66
Soybeans	6,881	---	214	214	---	3.1	3.1	---	7	7	---	65	65
Cowpeas	67	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	18,954	18,954	18,954	18,954	100.0	100.0	100.0	1,197	2,052	2,491	126	217	263
Vegetables	19,308	4,800	4,800	4,800	24.9	24.9	24.9	99	163	163	41	68	68
Potatoes	4,121	897	897	897	21.8	21.8	21.8	19	33	33	42	74	74
Popcorn	53	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	41	---	---	---	---	---	---	---	---	---	---	---	---
Small fruit	325	76	76	76	23.4	23.4	23.4	2	2	2	53	53	53
Tree fruit	5,303	577	---	---	10.9	---	---	12	---	---	42	---	---
Miscellaneous	3,434	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	189,049	109,023	108,660	108,660	57.7	57.5	57.5	2,361	4,092	3,665	43	75	67
Wheat	770	490	490	490	63.6	63.6	63.6	7	15	10	29	61	41
Rye	149	---	---	---	---	---	---	---	---	---	---	---	---
Oats	1,400	---	---	---	---	---	---	---	---	---	---	---	---
Barley	182	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,501	490	490	490	19.6	19.6	19.6	7	15	10	29	61	41
Tame hay and cropland pasture	557,224	47,554	47,554	47,554	8.5	8.5	8.5	404	1,974	1,454	17	83	61
Improved permanent pasture	239,975	11,193	11,193	11,193	4.7	4.7	4.7	80	413	413	14	74	74
Hay and pasture	797,199	58,747	58,747	58,747	7.4	7.4	7.4	484	2,387	1,867	16	81	64
Total	988,749	168,260	167,897	167,897	17.0	17.0	17.0	2,852	6,494	5,542	34	77	66
Tennessee:													
Corn	47,377	38,666	38,666	38,666	81.6	81.6	81.6	628	841	837	32	44	43
Sorghum	1,937	787	787	787	40.6	40.6	40.6	5	10	10	13	29	29
Soybeans	5,066	1,400	2,000	2,000	27.6	39.5	39.5	6	35	35	9	35	35
Cowpeas	132	40	40	40	30.3	30.3	30.3	---	1	1	10	25	25
Cotton	254	240	240	240	94.5	94.5	94.5	6	5	5	50	42	42
Tobacco	429	425	425	425	99.1	99.1	99.1	19	38	44	89	179	207
Vegetables	8,714	6,000	6,000	6,000	68.9	68.9	68.9	109	144	118	36	48	39
Potatoes	1,320	1,250	1,250	1,250	94.7	94.7	94.7	21	45	42	34	72	67
Sweet potatoes	254	200	200	200	78.7	78.7	78.7	5	8	8	50	80	80
Popcorn	21	15	15	15	71.4	71.4	71.4	---	---	---	13	27	27
Nursery and greenhouse	151	120	120	120	79.5	79.5	79.5	2	4	3	33	67	50
Small fruit	436	330	330	330	75.7	75.7	75.7	4	8	4	24	48	24
Tree fruit	1,622	480	480	480	29.6	29.6	29.6	3	7	5	13	29	21
Intertilled crops	67,713	49,953	50,553	50,553	73.8	74.7	74.7	808	1,146	1,112	32	45	44

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	2,500	1,999	1,999	1,999	80.0	80.0	80.0	33	35	35	33	35	35
Rye	109	40	40	40	36.7	36.7	36.7	---	1	1	20	35	35
Oats	4,207	2,100	2,100	2,100	49.9	49.9	49.9	28	32	32	27	30	30
Barley	911	360	360	360	39.5	39.5	39.5	5	6	6	28	33	33
Close-growing crops	7,727	4,499	4,499	4,499	58.2	58.2	58.2	66	74	74	29	33	33
Tame hay and cropland pasture	175,568	30,534	41,439	39,258	17.4	23.6	22.4	460	959	839	30	46	43
Improved permanent pasture	17,414	5,248	7,122	6,747	30.1	40.9	38.7	60	172	155	23	48	46
Hay and pasture	192,982	35,782	48,561	46,005	18.5	25.2	23.8	520	1,131	994	29	47	43
Total	268,422	90,234	103,613	101,057	33.6	38.6	37.6	1,394	2,351	2,180	31	45	43
Virginia:													
Corn	17,148	14,060	14,060	14,060	82.0	82.0	82.0	366	604	581	52	86	83
Sorghum	198	178	178	178	89.9	89.9	89.9	7	8	8	79	90	90
Soybeans	136	---	68	68	---	50.0	50.0	---	1	1	---	29	88
Cowpeas	15	---	9	9	---	60.0	60.0	---	1	1	---	133	133
Tobacco	2,103	2,103	2,103	2,103	100.0	100.0	100.0	134	204	282	127	194	268
Vegetables	5,140	1,476	1,476	1,476	28.7	28.7	28.7	40	66	45	54	89	61
Potatoes	778	584	584	584	75.1	75.1	75.1	14	28	28	48	96	96
Sweet potatoes	102	50	50	50	49.0	49.0	49.0	1	1	1	24	52	52
Nursery and greenhouse	8	6	6	6	75.0	75.0	75.0	---	---	---	33	67	33
Small fruit	46	24	24	24	52.2	52.2	52.2	1	1	1	42	92	42
Tree fruit	2,327	930	930	930	40.0	40.0	40.0	37	46	46	80	99	99
Intertilled crops	28,081	19,411	19,488	19,488	69.3	69.6	69.6	600	960	996	62	99	102
Wheat	2,081	2,081	2,081	2,081	100.0	100.0	100.0	31	77	67	30	74	64
Rye	85	34	34	34	40.0	40.0	40.0	1	2	1	47	94	53
Oats	1,667	834	834	834	50.0	50.0	50.0	15	42	28	36	101	67
Barley	164	131	131	131	79.9	79.9	79.9	2	6	4	31	92	61
Close-growing crops	3,997	3,080	3,080	3,080	77.1	77.1	77.1	49	127	100	32	82	65
Tame hay and cropland pasture	77,016	12,744	12,744	12,744	16.5	16.5	16.5	68	494	522	11	78	82
Improved permanent pasture	153,475	5,205	5,205	5,205	3.4	3.4	3.4	129	138	128	50	53	49
Hay and pasture	230,491	17,949	17,949	17,949	7.8	7.8	7.8	197	632	650	22	70	72
Total	262,489	40,440	40,517	40,517	15.4	15.4	15.4	846	1,719	1,746	42	85	86
West Virginia:													
Corn	8,078	3,864	3,864	3,864	47.8	47.8	47.8	52	86	70	27	45	36
Soybeans	332	12	116	116	3.6	34.9	34.9	---	2	1	33	34	17
Tobacco	95	81	81	81	85.3	85.3	85.3	3	6	5	74	148	123
Vegetables	5,321	704	704	704	13.2	13.2	13.2	19	27	20	54	77	57
Potatoes	1,241	537	537	537	43.3	43.3	43.3	18	22	24	67	82	89
Sweet potatoes	49	34	34	34	69.4	69.4	69.4	1	1	1	41	59	59
Nursery and greenhouse	288	153	38	38	53.1	13.2	13.2	7	1	1	92	53	53
Small fruit	99	43	22	21	43.4	22.2	21.2	1	---	---	47	27	38
Tree fruit	2,888	144	36	36	5.0	1.2	1.2	3	---	---	42	22	17
Miscellaneous	271	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	18,662	5,572	5,432	5,431	29.9	29.1	29.1	104	145	122	37	53	45
Wheat	335	213	213	213	63.6	63.6	63.6	3	6	3	28	56	28
Rye	20	2	2	2	10.0	10.0	10.0	---	---	---	18	50	32
Buckwheat	159	64	64	64	40.3	40.3	40.3	---	1	1	9	28	16
Oats	1,083	795	795	795	73.4	73.4	73.4	8	21	13	20	53	33
Barley	16	12	12	12	75.0	75.0	75.0	---	---	---	17	47	30
Close-growing crops	1,613	1,086	1,086	1,086	67.3	67.3	67.3	11	28	17	20	52	31
Tame hay and cropland pasture	91,260	4,493	8,089	8,089	4.9	8.9	8.9	57	263	196	25	65	48
Improved permanent pasture	39,509	850	2,126	1,063	2.2	5.4	2.7	11	53	23	26	50	43
Hay and pasture	130,769	5,344	10,215	9,152	4.1	7.8	7.0	68	316	219	25	62	48
Total	151,044	12,002	16,733	15,669	7.9	11.1	10.4	183	489	358	30	58	46
Total:													
Corn	201,077	139,887	139,887	139,887	69.6	69.6	69.6	2,070	3,351	2,443	30	48	35
Sorghum	4,223	1,387	1,387	1,387	32.8	32.8	32.8	20	33	32	29	48	46
Soybeans	12,415	1,412	2,398	2,398	11.4	19.3	19.3	6	45	46	8	38	38
Cowpeas	214	40	49	49	18.7	22.9	22.9	---	2	2	10	45	45
Cotton	254	240	240	240	94.5	94.5	94.5	6	5	5	50	42	42
Tobacco	21,581	21,563	21,563	21,563	99.9	99.9	99.9	1,353	2,300	2,822	125	213	262
Vegetables	38,483	12,980	12,980	12,980	33.7	33.7	33.7	267	400	346	41	62	53
Potatoes	7,865	3,552	3,552	3,552	45.2	45.2	45.2	79	138	137	44	78	77
Popcorn	74	15	15	15	20.3	20.3	20.3	---	---	---	13	27	27
Nursery and greenhouse	488	279	164	164	57.2	33.6	33.6	9	5	4	65	61	49
Small fruit	906	473	452	451	52.2	49.9	49.8	8	11	7	34	49	31
Tree fruit	12,140	2,131	1,446	1,446	17.6	11.9	11.9	55	53	51	52	73	71
Miscellaneous	3,705	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	303,425	183,959	184,133	184,132	60.6	60.7	60.7	3,873	6,343	5,895	42	69	64

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	5,686	4,783	4,783	4,783	84.1	84.1	84.1	74	133	115	31	56	48
Rye	363	76	76	76	20.9	20.9	20.9	1	3	2	26	79	53
Buckwheat	159	64	64	64	40.3	40.3	40.3	---	1	1	9	28	16
Oats	8,357	3,729	3,729	3,729	44.6	44.6	44.6	51	95	73	27	51	39
Barley	1,273	503	503	503	39.5	39.5	39.5	7	12	10	28	48	40
Close-growing crops	15,838	9,155	9,155	9,155	57.8	57.8	57.8	133	244	201	29	53	44
Tame hay and cropland pasture	901,068	95,326	109,826	107,645	10.6	12.2	11.9	989	3,690	3,011	21	67	56
Improved permanent pasture	450,373	22,496	25,646	24,208	5.0	5.7	5.4	280	776	719	25	61	59
Hay and pasture	1,351,441	117,822	135,472	131,853	8.7	10.0	9.8	1,269	4,466	3,730	22	66	57
Total	1,670,704	310,936	328,760	325,140	18.6	19.7	19.5	5,275	11,053	9,826	34	67	60
ASR-24, PORTION IN:													
Tennessee:													
Corn	182,313	153,567	153,567	153,567	84.2	84.2	84.2	2,952	2,815	2,638	38	37	34
Sorghum	7,194	3,600	3,600	3,600	50.0	50.0	50.0	23	54	45	13	30	25
Soybeans	16,373	3,885	5,550	5,550	23.7	33.9	33.9	13	116	116	7	42	42
Cowpeas	662	160	160	160	24.2	24.2	24.2	1	2	2	13	25	25
Cotton	1,503	1,430	1,430	1,430	95.1	95.1	95.1	26	31	28	36	43	39
Tobacco	30,958	30,887	30,887	30,887	99.8	99.8	99.8	1,250	2,627	2,737	81	170	177
Vegetables	37,135	15,150	15,150	15,150	40.8	40.8	40.8	272	528	500	36	70	66
Potatoes	2,149	1,700	1,700	1,700	79.1	79.1	79.1	37	74	54	44	87	64
Sweet potatoes	1,065	850	850	850	79.8	79.8	79.8	15	30	27	35	71	64
Popcorn	76	58	58	58	76.3	76.3	76.3	---	1	1	14	24	24
Nursery and greenhouse	1,096	700	700	700	63.9	63.9	63.9	13	26	22	37	74	63
Small fruit	1,162	400	400	400	34.4	34.4	34.4	3	6	6	15	30	30
Tree fruit	4,120	1,000	1,000	1,000	24.3	24.3	24.3	9	18	13	18	36	26
Intertilled crops	285,806	213,387	215,052	215,052	74.7	75.2	75.2	4,614	6,328	6,189	43	59	58
Wheat	43,696	38,231	38,231	38,231	87.5	87.5	87.5	466	691	467	24	36	24
Rye	1,318	660	660	660	50.1	50.1	50.1	8	9	9	24	27	27
Oats	44,412	28,800	28,800	28,800	64.8	64.8	64.8	372	552	396	26	38	28
Barley	5,695	3,650	3,650	3,650	64.1	64.1	64.1	53	60	60	29	33	33
Close-growing crops	95,121	71,341	71,341	71,341	75.0	75.0	75.0	899	1,312	932	25	37	26
Tame hay and cropland pasture	1,256,032	140,562	222,556	222,556	11.2	17.7	17.7	2,749	5,254	5,458	39	47	49
Improved permanent pasture	429,828	24,381	46,324	46,324	5.7	10.8	10.8	331	1,141	1,206	27	49	52
Hay and pasture	1,685,860	164,943	268,880	268,880	9.8	15.9	15.9	3,080	6,395	6,664	37	48	50
Total	2,066,787	449,671	555,273	555,273	21.8	26.9	26.9	8,593	14,035	13,785	38	51	50
Virginia:													
Corn	52,457	43,414	43,414	43,414	82.8	82.8	82.8	1,114	1,262	1,239	51	58	57
Sorghum	357	179	179	179	50.1	50.1	50.1	6	6	6	67	67	67
Soybeans	683	171	171	171	25.0	25.0	25.0	1	6	6	12	70	70
Cowpeas	7	---	2	2	---	28.6	28.6	---	---	---	---	200	100
Tobacco	6,864	6,864	6,864	6,864	100.0	100.0	100.0	399	569	815	116	166	237
Vegetables	12,384	7,095	7,095	7,095	57.3	57.3	57.3	168	323	304	47	91	86
Potatoes	849	679	679	679	80.0	80.0	80.0	25	49	49	74	144	144
Sweet potatoes	49	25	25	25	51.0	51.0	51.0	---	1	3	2	80	240
Nursery and greenhouse	369	290	290	290	78.6	78.6	78.6	5	10	8	34	69	55
Small fruit	64	54	54	54	84.4	84.4	84.4	1	2	2	30	56	56
Tree fruit	4,596	2,298	2,298	2,298	50.0	50.0	50.0	71	126	71	62	110	62
Miscellaneous	1,654	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	80,333	61,069	61,071	61,071	76.0	76.0	76.0	1,790	2,351	2,503	59	77	82
Wheat	9,857	8,960	8,960	8,960	90.9	90.9	90.9	108	216	214	24	48	48
Rye	930	372	372	372	40.0	40.0	40.0	5	12	11	27	65	59
Oats	6,683	4,678	4,678	4,678	70.0	70.0	70.0	84	155	154	36	66	66
Barley	1,945	1,362	1,362	1,362	70.0	70.0	70.0	28	49	48	41	72	70
Close-growing crops	19,415	15,372	15,372	15,372	79.2	79.2	79.2	225	432	427	29	56	56
Tame hay and cropland pasture	301,050	59,895	59,895	59,895	19.9	19.9	19.9	296	1,973	1,878	10	66	63
Improved permanent pasture	570,928	30,991	30,991	30,991	5.4	5.4	5.4	271	1,241	1,251	17	80	81
Hay and pasture	871,978	90,886	90,886	90,886	10.4	10.4	10.4	567	3,214	3,129	12	71	69
Total	971,726	167,327	167,329	167,329	17.2	17.2	17.2	2,582	6,000	6,059	31	72	72
Total:													
Corn	234,770	196,981	196,981	196,981	83.9	83.9	83.9	4,066	4,077	3,877	41	41	39
Sorghum	7,551	3,779	3,779	3,779	50.0	50.0	50.0	29	60	51	15	32	27
Soybeans	17,056	4,056	5,721	5,721	23.8	33.5	33.5	14	122	122	7	43	43
Cowpeas	669	160	162	162	24.2	24.2	24.2	1	2	2	13	25	25
Cotton	1,503	1,430	1,430	1,430	95.1	95.1	95.1	26	31	28	36	43	39
Tobacco	37,822	37,751	37,751	37,751	99.8	99.8	99.8	1,649	3,196	3,552	87	169	188
Vegetables	49,519	22,245	22,245	22,245	44.9	44.9	44.9	440	851	804	40	77	72
Potatoes	2,998	2,379	2,379	2,379	79.4	79.4	79.4	62	123	103	52	103	87
Sweet potatoes	1,114	875	875	875	78.5	78.5	78.5	15	31	30	34	71	69
Popcorn	76	58	58	58	76.3	76.3	76.3	---	1	1	14	24	24

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Nursery and greenhouse	1,465	990	990	990	67.6	67.6	67.6	18	36	30	36	73	61
Small fruit	1,226	454	454	454	37.0	37.0	37.0	4	8	8	18	35	35
Tree fruit	8,716	3,298	3,298	3,298	37.8	37.8	37.8	80	144	84	49	87	51
Miscellaneous	1,654	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	366,139	274,456	276,123	276,123	75.0	75.4	75.4	6,404	8,682	8,692	47	63	63
Wheat	53,553	47,191	47,191	47,191	88.1	88.1	88.1	574	907	681	24	38	29
Rye	2,248	1,032	1,032	1,032	45.9	45.9	45.9	13	21	20	25	41	39
Oats	51,095	33,478	33,478	33,478	65.5	65.5	65.5	456	707	550	27	42	33
Barley	7,640	5,012	5,012	5,012	65.6	65.6	65.6	81	109	108	32	43	43
Close-growing crops	114,536	86,713	86,713	86,713	75.7	75.7	75.7	1,124	1,744	1,359	26	40	31
Tame hay and cropland pasture	1,557,082	200,457	282,451	282,451	12.9	18.1	18.1	3,045	7,227	7,336	30	51	52
Improved permanent pasture	1,000,756	55,372	77,315	77,315	5.5	7.7	7.7	602	2,382	2,457	22	62	64
Hay and pasture	2,557,838	255,829	359,766	359,766	10.0	14.1	14.1	3,647	9,609	9,793	29	53	54
Total	3,038,513	616,998	722,602	722,602	20.3	23.8	23.8	11,175	20,035	19,844	36	55	55
ASR-25, PORTION IN:													
Georgia:													
Corn	30,738	26,408	26,408	26,408	85.9	85.9	85.9	353	468	490	27	35	37
Sorghum	860	197	197	197	22.9	22.9	22.9	3	4	4	30	41	41
Soybeans	1,025	233	233	233	22.7	22.7	22.7	1	4	4	9	34	34
Velvet beans	6	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	231	---	59	59	---	25.5	25.5	---	1	1	---	34	34
Peanuts	31	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	495	495	495	495	100.0	100.0	100.0	7	18	18	28	73	73
Tobacco	40	---	40	40	---	100.0	100.0	---	1	1	---	50	50
Sugarcane	8	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	5,055	3,536	3,536	3,536	70.0	70.0	70.0	37	133	159	21	75	90
Potatoes	391	391	391	391	100.0	100.0	100.0	6	19	21	31	97	107
Sweet potatoes	73	73	73	73	100.0	100.0	100.0	1	4	4	27	110	110
Nursery and greenhouse	35	17	17	17	48.6	48.6	48.6	1	1	1	118	118	118
All fruit	2,624	957	957	957	36.5	36.5	36.5	8	21	18	17	44	38
Intertilled crops	41,612	32,307	32,406	32,406	77.6	77.9	77.9	417	674	721	26	42	44
Wheat	746	182	182	182	24.4	24.4	24.4	2	2	3	22	22	33
Rye	326	93	93	93	28.5	28.5	28.5	1	1	1	22	22	22
Oats	336	84	84	84	25.0	25.0	25.0	1	1	1	24	24	24
Barley	57	---	---	---	---	---	---	---	---	---	---	---	---
Root and grain crops	6	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,471	359	359	359	24.4	24.4	24.4	4	4	5	22	22	28
Tame hay and cropland pasture	31,683	9,438	9,438	9,438	29.8	29.8	29.8	227	316	341	48	67	72
Improved permanent pasture	51,020	10,732	10,732	10,732	21.0	21.0	21.0	207	175	175	39	33	33
Hay and pasture	82,703	20,170	20,170	20,170	24.4	24.4	24.4	434	491	516	43	49	51
Total	125,786	52,836	52,935	52,935	42.0	42.1	42.1	855	1,169	1,242	32	44	47
North Carolina:													
Corn	89,602	77,916	77,916	77,916	87.0	87.0	87.0	3,428	1,558	1,714	88	40	44
Sorghum	2,994	2,694	2,694	2,694	90.0	90.0	90.0	54	40	40	40	30	30
Soybeans	11,421	571	6,853	6,853	5.0	60.0	60.0	1	69	103	4	20	30
Cowpeas	450	22	270	270	4.9	60.0	60.0	---	3	4	5	22	30
Peanuts	60	---	39	60	---	65.0	100.0	---	1	3	---	30	100
Cotton	420	420	357	399	100.0	85.0	95.0	6	7	9	29	39	45
Tobacco	11,609	11,495	11,495	11,495	99.0	99.0	99.0	460	828	920	80	144	160
Vegetables	32,034	30,959	30,959	30,959	99.6	96.6	96.6	774	1,548	1,548	50	100	100
Potatoes	6,164	5,856	5,856	5,856	95.0	95.0	95.0	351	351	351	120	120	120
Sweet potatoes	302	287	287	287	95.0	95.0	95.0	6	17	17	42	118	118
Nursery and greenhouse	1,765	1,765	1,765	1,765	100.0	100.0	100.0	44	26	26	50	29	29
Small fruit	399	359	359	359	90.0	90.0	90.0	18	8	8	100	45	45
Tree fruit	17,663	16,780	8,832	8,832	95.0	50.0	50.0	336	110	110	40	25	25
Intertilled crops	174,883	149,124	147,682	147,745	85.3	84.4	84.5	5,478	4,566	4,853	73	62	66
Wheat	10,197	9,993	9,993	9,993	98.0	98.0	98.0	200	175	175	40	35	35
Rye	2,682	1,341	805	805	50.0	30.0	30.0	7	8	12	10	20	30
Oats	8,694	8,520	8,520	8,520	98.0	98.0	98.0	170	149	149	40	35	35
Barley	1,777	1,741	1,741	1,741	98.0	98.0	98.0	35	30	30	40	34	34
Close-growing crops	23,350	21,595	21,059	21,059	92.6	90.2	90.2	412	362	366	38	34	35
Tame hay and cropland pasture	346,074	108,615	108,615	108,615	31.4	31.4	31.4	109	3,150	3,747	2	58	69
Improved permanent pasture	398,911	56,506	56,506	56,506	14.2	14.2	14.2	57	1,640	1,949	2	58	69
Hay and pasture	744,985	165,121	165,121	165,121	22.2	22.2	22.2	166	4,790	5,696	2	58	69
Total	943,218	335,840	333,862	333,925	35.6	35.4	35.4	6,056	9,718	10,915	36	58	65

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total:													
Corn	120,340	104,324	104,324	104,324	86.7	86.7	86.7	3,781	2,026	2,204	72	39	42
Sorghum	3,854	2,891	2,891	2,891	75.0	75.0	75.0	57	44	44	39	30	30
Soybeans	12,446	804	7,086	7,086	6.5	56.9	56.9	2	73	107	5	21	30
Velvet beans	6	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	681	22	329	329	3.2	48.3	48.3	---	4	5	5	24	30
Peanuts	91	---	49	70	---	53.8	76.9	---	1	3	---	24	86
Cotton	915	915	852	894	100.0	93.1	97.7	13	25	27	28	59	60
Tobacco	11,649	11,495	11,535	11,535	98.7	99.0	99.0	460	829	921	80	144	160
Sugar cane	8	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	37,089	34,495	34,495	34,495	93.0	93.0	93.0	811	1,681	1,707	47	97	99
Potatoes	6,555	6,247	6,247	6,247	95.3	95.3	95.3	357	370	372	114	118	119
Sweet potatoes	375	360	360	360	96.0	96.0	96.0	7	21	21	39	117	117
Nursery and greenhouse	1,800	1,782	1,782	1,782	99.0	99.0	99.0	45	27	27	51	30	30
All fruit	20,686	18,096	10,148	10,148	87.5	49.1	49.1	362	139	136	40	27	27
Intertilled crops	216,495	181,431	180,088	180,151	83.8	83.2	83.2	5,895	5,240	5,574	65	58	62
Wheat	10,943	10,175	10,175	10,175	93.0	93.0	93.0	202	177	177	40	35	35
Rye	3,008	1,434	898	898	47.7	30.0	30.0	8	9	13	11	20	29
Oats	9,030	8,604	8,604	8,604	95.3	95.3	95.3	171	150	150	40	35	35
Barley	1,834	1,741	1,741	1,741	94.9	94.9	94.9	35	30	30	40	34	34
Root and grain crops	6	---	---	---	---	---	---	---	---	---	---	---	---
Close growing crops	24,821	21,954	21,418	21,418	88.4	86.3	86.3	416	366	371	38	34	35
Tame hay and cropland pasture	377,757	118,053	118,053	118,053	31.3	31.3	31.3	336	3,466	4,088	6	59	69
Improved permanent pasture	449,931	67,238	67,238	67,238	14.9	14.9	14.9	264	1,815	2,124	8	54	63
Hay and pasture	827,688	185,291	185,291	185,291	22.4	22.4	22.4	600	5,281	6,212	6	57	67
Total	1,069,004	388,676	385,797	386,860	36.4	36.2	36.2	6,911	10,887	12,157	36	56	63
ASR-26, PORTION IN													
North Carolina:													
Corn	180,298	169,846	169,846	169,846	94.2	94.2	94.2	7,049	2,887	3,227	83	34	38
Sorghum	65,938	59,344	59,344	59,344	90.0	90.0	90.0	1,187	890	890	40	30	30
Soybeans	15,238	762	9,143	9,143	5.0	60.0	60.0	2	91	137	5	20	30
Cowpeas	3,243	162	1,946	1,946	5.0	60.0	60.0	---	19	29	5	20	30
Peanuts	461	---	300	461	---	65.1	100.0	---	4	16	---	27	69
Cotton	83,981	83,981	83,981	83,981	100.0	100.0	100.0	1,134	1,890	1,974	27	45	47
Tobacco	10,100	10,100	10,100	10,100	100.0	100.0	100.0	227	636	727	45	126	144
Vegetables	26,075	24,988	24,988	24,988	95.8	95.8	95.8	769	977	977	62	70	70
Potatoes	435	435	435	435	100.0	100.0	100.0	22	33	33	101	152	152
Sweet potatoes	1,626	1,626	1,626	1,626	100.0	100.0	100.0	33	98	98	41	121	121
Nursery and greenhouse	1,325	1,325	1,325	1,325	100.0	100.0	100.0	66	66	66	100	100	100
Small fruit	470	465	352	352	98.9	74.9	74.9	23	8	8	99	45	45
Tree fruit	8,733	7,860	4,366	4,366	90.0	50.0	50.0	236	55	55	60	25	25
Intertilled crops	397,923	360,894	367,752	367,913	90.7	92.4	92.5	10,748	7,554	8,137	60	41	44
Wheat	141,567	138,736	138,736	138,736	98.0	98.0	98.0	2,775	2,428	2,428	40	35	35
Rye	2,451	1,226	1,226	1,226	50.0	50.0	50.0	18	6	6	29	10	10
Oats	138,660	135,887	135,887	135,887	98.0	98.0	98.0	2,717	2,378	2,378	40	35	35
Barley	31,543	30,912	30,912	30,912	98.0	98.0	98.0	618	541	541	40	35	35
Close-growing crops	314,221	306,761	306,761	306,761	97.6	97.6	97.6	6,128	5,353	5,353	40	35	35
Tame hay and cropland pasture	382,023	142,748	142,748	142,748	37.4	37.4	37.4	143	4,140	4,925	2	58	69
Improved permanent pasture	273,959	62,096	62,096	62,096	22.7	22.7	22.7	62	1,801	2,142	2	58	69
Hay and pasture	655,982	204,844	204,844	204,844	31.2	31.2	31.2	205	5,941	7,067	2	58	69
Total	1,368,126	872,499	879,357	879,518	63.8	64.3	64.3	17,081	18,848	20,557	39	43	47
South Carolina:													
Corn	85,518	80,917	80,000	80,917	94.6	93.5	94.6	1,838	1,737	1,607	45	43	40
Sorghum	16,145	11,302	9,000	9,000	70.0	55.7	55.7	232	162	180	41	36	40
Soybeans	7,306	1,600	3,316	3,316	21.9	45.4	45.4	11	57	64	14	34	39
Cowpeas	6,724	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	331	150	298	298	45.3	90.0	90.0	1	4	6	13	27	40
Cotton	93,988	89,641	89,000	89,641	95.4	94.7	95.4	1,832	2,672	2,372	41	60	53
Tobacco	75	75	75	75	100.0	100.0	100.0	2	2	2	53	53	53
Sugar cane	20	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	14,601	13,871	13,871	13,871	95.0	95.0	95.0	346	744	623	50	107	90
Potatoes	155	153	153	153	98.7	98.7	98.7	7	14	12	92	183	157
Sweet potatoes	1,054	1,043	1,043	1,043	99.0	99.0	99.0	16	43	43	31	82	92
Nursery and greenhouse	570	456	456	456	80.0	80.0	80.0	7	22	22	31	96	96
All fruit	39,908	17,000	19,000	19,000	42.7	47.7	47.7	203	356	421	24	37	44
Intertilled crops	266,295	216,208	216,212	217,770	81.2	81.2	81.8	4,495	5,813	5,357	42	54	49
Wheat	62,914	56,623	56,000	56,000	90.0	89.0	89.0	954	675	749	34	24	27
Rye	657	460	400	400	70.0	60.9	60.9	8	6	7	35	30	35
Oats	70,367	53,061	52,000	52,000	75.4	73.9	73.9	904	634	703	34	24	27
Barley	13,542	9,479	9,400	9,400	70.0	69.4	69.4	161	113	126	34	24	27
Close-growing crops	147,480	119,623	117,800	117,800	81.1	79.9	79.9	2,037	1,428	1,585	34	24	27

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	366,280	147,000	147,500	147,000	40.1	40.3	40.1	4,223	3,548	3,936	57	48	54
Improved permanent pasture	209,492	79,000	78,000	78,500	37.7	37.2	37.5	1,804	1,421	1,576	46	36	40
Hay and pasture	575,772	226,000	225,500	225,500	39.3	39.2	39.2	6,027	4,969	5,512	53	44	49
Total	989,547	561,831	559,512	561,070	56.8	56.5	56.7	12,559	12,210	12,454	45	44	44
Total:													
Corn	265,816	250,763	249,846	250,763	94.3	94.0	94.3	8,887	4,624	4,834	71	37	40
Sorghum	82,083	70,646	68,344	68,344	86.1	83.3	83.3	1,419	1,052	1,070	40	31	31
Soybeans	22,544	2,362	12,459	12,459	10.5	55.3	55.3	13	148	201	11	24	32
Cowpeas	9,967	162	1,946	1,946	1.6	19.5	19.5	---	19	29	5	20	30
Peanuts	792	150	598	759	18.9	75.5	95.8	1	8	22	13	27	58
Cotton	177,969	173,622	172,981	173,622	97.6	97.2	97.6	2,966	4,562	4,346	34	53	50
Tobacco	10,175	10,175	10,175	10,175	100.0	100.0	100.0	229	638	729	45	125	143
Sugarcane	20	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	40,676	38,859	38,859	38,859	95.5	95.5	95.5	1,115	1,621	1,500	57	83	77
Potatoes	590	588	588	588	99.7	99.7	99.7	29	47	45	99	160	153
Sweet potatoes	2,680	2,669	2,669	2,669	99.6	99.6	99.6	49	141	146	37	105	109
Nursery and greenhouse	1,895	1,781	1,781	1,781	94.0	94.0	94.0	73	88	88	82	99	99
All fruit	49,011	25,325	23,718	23,718	51.7	48.4	48.4	462	419	484	36	35	41
Intertilled crops	664,218	577,102	583,964	585,683	86.9	87.9	88.2	15,243	13,367	13,494	53	46	46
Wheat	204,481	195,359	194,736	194,736	95.5	95.2	95.2	3,739	3,103	3,177	38	32	33
Rye	3,108	1,686	1,626	1,626	54.2	54.2	54.2	26	12	13	31	15	16
Oats	209,027	188,948	187,887	187,887	90.4	89.9	89.9	3,621	3,012	3,081	38	32	33
Barley	45,085	40,391	40,312	40,312	89.6	89.4	89.4	779	654	667	39	35	33
Close-growing crops	461,701	426,384	424,561	424,561	92.4	92.0	92.0	8,165	6,781	6,938	38	32	33
Tame hay and cropland pasture	748,303	289,748	290,248	289,748	38.7	38.8	38.7	4,366	7,688	8,861	30	53	61
Improved permanent pasture	483,451	141,096	140,096	140,596	29.2	29.0	29.1	1,866	3,222	3,718	26	46	53
Hay and pasture	1,231,754	430,844	430,344	430,344	35.0	34.9	34.9	6,232	10,910	12,579	29	51	58
Total	2,357,673	1,434,330	1,438,869	1,440,588	60.8	61.0	61.1	29,640	31,058	33,011	41	43	46
ASR-27, PORTION IN:													
Georgia:													
Corn	97,619	97,263	97,263	97,263	99.6	99.6	99.6	3,006	2,291	2,406	62	47	49
Sorghum	1,306	873	873	873	66.8	66.8	66.8	15	22	24	34	50	55
Soybeans	6,957	3,433	3,433	3,433	49.3	49.3	49.3	23	58	96	13	34	56
Velvet beans	1,022	---	137	137	---	14.4	14.4	---	1	1	---	15	15
Cowpeas	10,264	3,369	3,369	3,369	32.8	32.8	32.8	9	31	34	5	18	20
Peanuts	8,779	6,739	6,739	6,739	76.8	76.8	76.8	76	163	191	23	48	57
Cotton	32,931	31,618	31,618	31,618	96.0	96.0	96.0	1,024	1,284	1,322	65	81	84
Tobacco	3	---	---	---	---	---	---	---	---	---	---	---	---
Sugarcane	87	48	48	48	55.2	55.2	55.2	1	1	2	42	42	83
Vegetables	9,472	9,472	9,472	9,472	100.0	100.0	100.0	175	531	707	37	112	149
Potatoes	28	28	28	28	100.0	100.0	100.0	1	1	1	71	71	71
Sweet potatoes	1,807	1,807	1,807	1,807	100.0	100.0	100.0	34	164	165	38	182	183
Nursery and greenhouse	163	138	138	138	84.7	84.7	84.7	4	10	5	58	145	72
All fruit	17,258	13,363	13,363	13,363	77.4	77.4	77.4	117	306	813	18	46	122
Intertilled crops	187,696	168,151	168,288	168,288	89.6	89.7	89.7	4,485	4,863	5,767	53	58	69
Wheat	4,878	2,681	2,681	2,681	55.0	55.0	55.0	93	53	58	69	40	43
Rye	1,425	939	939	939	65.9	65.9	65.9	11	5	6	23	11	13
Oats	17,655	14,209	14,209	14,209	80.5	80.5	80.5	491	266	287	69	37	40
Barley	1,018	623	623	623	61.2	61.2	61.2	5	6	7	16	19	22
Root and grain crops	7,355	5,277	5,277	5,277	71.7	71.7	71.7	98	81	87	37	31	33
Close-growing crops	32,331	23,729	23,729	23,729	73.4	73.4	73.4	698	411	445	59	35	38
Tame hay and cropland pasture	73,515	35,881	35,881	35,881	48.8	48.8	48.8	734	721	780	41	40	43
Improved permanent pasture	50,100	16,958	16,958	16,958	33.8	33.8	33.8	226	207	207	27	24	24
Hay and pasture	123,615	52,839	52,839	52,839	42.7	42.7	42.7	960	928	987	36	35	37
Total	343,642	244,719	244,856	244,856	71.2	71.3	71.3	6,143	6,202	7,199	50	51	59
South Carolina:													
Corn	87,010	82,975	82,900	82,975	95.4	95.3	95.4	2,498	1,540	1,910	60	37	46
Sorghum	2,780	2,068	2,000	2,000	74.4	71.9	71.9	27	40	43	27	40	43
Soybeans	40,159	10,900	20,900	20,977	27.1	52.0	52.2	90	234	336	17	22	32
Cowpeas	20,650	---	2,000	2,000	---	9.7	9.7	---	19	21	---	19	21
Peanuts	1,142	250	571	571	21.9	50.0	50.0	7	16	17	56	56	60
Cotton	62,675	60,979	60,900	60,900	97.3	97.2	97.2	1,181	1,810	1,892	39	59	62
Tobacco	946	946	946	946	100.0	100.0	100.0	36	66	84	76	140	178
Sugarcane	16	13	13	13	81.3	81.3	81.3	---	---	---	15	15	15
Vegetables	14,990	14,523	14,523	14,523	96.9	96.9	96.9	344	607	495	47	84	68
Potatoes	51	45	45	45	88.2	88.2	88.2	2	4	3	89	178	133
Sweet potatoes	1,140	1,083	1,083	1,083	95.0	95.0	95.0	15	35	38	28	65	70
Nursery and greenhouse	157	78	78	78	49.7	49.7	49.7	---	1	1	10	26	26
All fruit	8,276	5,700	5,793	5,793	68.9	70.0	70.0	62	86	93	22	30	32
Intertilled crops	239,992	179,560	191,752	191,904	74.8	79.9	80.0	4,262	4,458	4,933	47	46	51

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	18,102	16,291	16,000	16,000	90.0	88.4	88.4	404	213	440	50	27	55
Rye	6,179	4,207	4,000	4,000	68.1	64.7	64.7	113	58	101	54	29	51
Oats	37,443	28,082	27,000	27,000	75.0	72.1	72.1	755	391	675	54	29	50
Barley	3,453	2,371	2,300	2,300	68.7	66.6	66.6	63	33	57	53	29	50
Close-growing crops	65,177	50,951	49,300	49,300	78.2	75.6	75.6	1,335	695	1,273	52	28	52
Tame hay and cropland pasture	92,334	30,000	29,000	25,000	32.5	31.4	27.1	820	566	611	55	39	49
Improved permanent pasture	37,691	12,000	10,000	10,000	31.8	26.5	26.5	384	264	285	64	53	57
Hay and pasture	130,025	42,000	39,000	35,000	32.3	30.0	26.9	1,204	830	896	57	43	51
Total	435,194	272,511	280,052	276,204	62.6	64.4	63.5	6,801	5,983	7,102	50	43	51
Total:													
Corn	184,629	180,238	180,163	180,238	97.6	97.6	97.6	5,504	3,831	4,316	61	43	48
Sorghum	4,086	2,941	2,873	2,873	72.0	70.3	70.3	42	62	67	29	43	47
Soybeans	47,116	14,333	24,333	24,410	30.4	51.6	51.8	113	292	432	16	24	35
Cowpeas	31,936	3,369	5,506	5,506	10.5	17.2	17.2	9	51	56	5	19	20
Peanuts	9,921	6,989	7,310	7,310	70.4	73.7	73.7	83	179	208	24	49	57
Cotton	95,606	92,597	92,518	92,518	96.9	96.8	96.8	2,205	3,094	3,214	48	67	69
Tobacco	949	946	946	946	99.7	99.7	99.7	36	66	84	76	140	178
Sugarcane	103	61	61	61	59.2	59.2	59.2	1	1	2	33	33	66
Vegetables	24,462	23,995	23,995	23,995	98.1	98.1	98.1	519	1,138	1,202	43	95	100
Potatoes	79	73	73	73	92.4	92.4	92.4	3	5	4	82	157	110
Sweet potatoes	2,947	2,890	2,890	2,890	98.1	98.1	98.1	49	199	203	34	138	140
Nursery and greenhouse	320	216	216	216	67.5	67.5	67.5	4	11	6	37	102	56
All fruit	25,534	19,063	19,156	19,156	74.7	75.0	75.0	179	392	906	19	41	95
Intertilled crops	427,688	347,711	360,040	360,192	81.3	84.2	84.2	8,747	9,321	10,700	50	52	59
Wheat	22,980	18,972	18,681	18,681	82.6	81.3	81.3	497	266	498	52	28	53
Rye	7,604	5,146	4,939	4,939	67.7	65.0	65.0	124	63	107	48	26	43
Oats	55,098	42,291	41,209	41,209	76.8	74.8	74.8	1,246	657	962	59	32	47
Barley	4,471	2,994	2,923	2,923	67.0	65.4	65.4	68	39	64	45	27	44
Root and grain crops	7,355	5,277	5,277	5,277	71.7	71.7	71.7	98	81	87	37	31	33
Close-growing crops	97,508	74,680	73,029	73,029	76.6	74.9	74.9	2,033	1,106	1,718	54	30	47
Tame hay and cropland pasture	165,849	65,881	64,881	60,881	39.7	39.1	36.7	1,554	1,287	1,391	47	40	46
Improved permanent pasture	87,791	28,958	26,958	26,958	33.0	30.7	30.7	610	471	492	42	35	37
Hay and pasture	253,640	94,839	91,839	87,839	37.4	36.2	34.6	2,164	1,758	1,883	46	38	43
Total	778,836	517,230	524,908	521,060	66.4	67.4	66.9	12,944	12,185	14,301	50	46	55
ASR-28, PORTION IN:													
Georgia:													
Corn	383,509	376,596	376,596	376,596	98.2	98.2	98.2	10,200	6,649	6,980	54	35	37
Sorghum	7,231	4,513	4,513	4,513	62.4	62.4	62.4	75	56	60	33	25	27
Soybeans	20,698	11,364	11,364	11,364	54.9	54.9	54.9	51	115	127	9	20	22
Velvet beans	1,823	---	509	509	---	27.9	27.9	---	5	4	---	20	16
Cowpeas	24,771	9,281	9,281	9,281	37.5	37.5	37.5	31	107	116	7	23	25
Peanuts	37,013	21,315	21,315	21,315	57.6	57.6	57.6	240	516	604	23	48	57
Cotton	124,180	123,476	123,476	123,476	99.4	99.4	99.4	4,039	3,484	5,378	65	56	87
Tobacco	2,823	2,823	2,823	2,823	100.0	100.0	100.0	48	160	111	34	113	79
Sugarcane	261	143	143	143	54.8	54.8	54.8	2	5	8	28	70	112
Vegetables	14,895	14,895	14,895	14,895	100.0	100.0	100.0	272	799	1,040	37	107	140
Potatoes	52	52	52	52	100.0	100.0	100.0	1	3	4	38	115	154
Sweet potatoes	768	768	768	768	100.0	100.0	100.0	14	42	46	36	109	120
Nursery and greenhouse	64	55	55	55	85.9	85.9	85.9	2	4	2	73	145	73
All fruit	13,565	10,491	10,491	10,401	77.3	77.3	77.3	92	240	319	18	46	61
Intertilled crops	631,653	575,772	576,281	576,281	91.2	91.2	91.2	15,067	12,185	14,799	52	42	51
Wheat	11,524	6,325	6,325	6,325	54.9	54.9	54.9	155	95	102	49	30	32
Rye	9,694	7,013	7,013	7,013	72.3	72.3	72.3	110	58	60	31	17	17
Oats	38,639	32,062	32,062	32,062	83.0	83.0	83.0	610	500	539	38	31	34
Barley	576	240	240	240	41.7	41.7	41.7	2	3	3	17	25	25
Root and grain crops	20,732	16,714	16,714	16,714	80.6	80.6	80.6	289	171	184	35	20	22
Close-growing crops	81,165	62,354	62,354	62,354	76.8	76.8	76.8	1,166	827	888	37	27	28
Tame hay and cropland pasture	168,079	68,923	68,923	68,923	41.0	41.0	41.0	1,287	923	998	37	27	29
Improved permanent pasture	53,731	29,381	29,381	29,381	54.7	54.7	54.7	1,095	592	1,183	75	40	81
Hay and pasture	221,810	98,304	98,304	98,304	44.3	44.3	44.3	2,382	1,515	2,181	48	31	44
Total	934,628	736,430	736,939	736,939	78.8	78.8	78.8	18,615	14,527	17,868	51	39	48
South Carolina:													
Corn	258,735	248,743	248,700	248,743	96.1	96.1	96.1	9,107	4,937	6,355	73	40	51
Sorghum	6,495	2,078	2,000	2,000	32.0	30.8	30.8	32	42	48	31	42	48
Soybeans	297,250	75,000	155,500	155,500	25.2	52.3	52.3	731	1,778	2,716	19	23	35
Cowpeas	39,554	---	1,900	1,900	---	4.8	4.8	---	19	22	---	20	23
Peanuts	7,961	2,456	4,800	4,850	30.9	60.3	60.9	61	139	159	50	58	66
Cotton	241,250	238,175	238,000	238,100	98.7	98.7	98.7	5,449	7,261	8,061	46	61	68
Tobacco	16,478	16,478	16,478	16,478	100.0	100.0	100.0	733	1,177	1,602	89	143	194
Sugarcane	115	104	104	104	90.4	90.4	90.4	3	1	1	58	19	19
Vegetables	33,490	31,815	31,815	31,815	95.0	95.0	95.0	890	1,364	1,181	56	86	74
Potatoes	171	169	169	169	98.8	98.8	98.8	9	13	11	106	154	130

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Sweet potatoes	4,098	4,057	4,057	4,057	99.0	99.0	99.0	67	135	155	33	67	76
Nursery and greenhouse	115	92	92	92	80.0	80.0	80.0	1	1	1	22	22	22
All fruit	9,165	4,000	4,500	4,000	43.6	49.1	43.6	58	69	80	29	31	40
Intertilled crops	914,877	623,167	708,115	707,808	68.1	77.4	77.4	17,141	16,936	20,392	55	48	58
Wheat	53,254	42,555	42,000	42,000	79.9	78.9	78.9	1,244	568	1,255	58	27	60
Rye	8,889	6,350	6,300	6,300	71.4	70.9	70.9	202	91	166	64	29	53
Oats	153,224	107,000	100,000	100,000	69.8	65.3	65.3	3,402	1,530	2,806	64	31	56
Barley	10,957	7,773	7,700	7,700	70.9	70.3	70.3	247	111	203	64	29	53
Close-growing crops	226,324	163,678	156,000	156,000	72.3	68.9	68.9	5,095	2,300	4,430	62	29	57
Tame hay and cropland pasture	175,366	70,000	70,000	65,000	39.9	39.9	37.1	2,330	1,680	2,001	67	48	62
Improved permanent pasture	42,533	14,000	13,000	14,000	32.9	30.6	32.9	478	290	411	68	45	59
Hay and pasture	217,899	84,000	83,000	79,000	38.5	38.1	36.3	2,808	1,970	2,412	67	47	61
Total	1,359,100	870,845	947,115	942,808	64.0	69.7	69.4	25,044	21,206	27,234	58	45	58
Total:													
Corn	642,244	625,339	625,296	625,339	97.4	97.4	97.4	19,307	11,586	13,335	62	37	42
Sorghum	13,726	6,591	6,513	6,513	48.0	47.5	47.5	107	98	108	32	30	33
Soybeans	317,948	86,364	166,864	166,864	27.2	52.5	52.5	782	1,893	2,843	18	23	34
Cowpeas	66,148	9,281	11,690	11,690	14.0	17.7	17.7	31	131	142	7	22	24
Peanuts	44,974	23,771	26,115	26,165	52.9	58.1	58.2	301	655	763	25	50	58
Cotton	365,430	361,651	361,476	361,576	99.0	98.9	98.9	9,488	10,745	13,439	52	59	74
Tobacco	19,301	19,301	19,301	19,301	100.0	100.0	100.0	781	1,337	1,713	81	139	178
Sugarcane	376	247	247	247	65.7	65.7	65.7	5	6	9	40	49	73
Vegetables	48,385	46,710	46,710	46,710	96.5	96.5	96.5	1,162	2,163	2,221	50	93	95
Potatoes	223	221	221	221	99.1	99.1	99.1	10	16	15	90	145	136
Sweet potatoes	4,866	4,825	4,825	4,825	99.2	99.2	99.2	81	177	201	34	73	83
Nursery and greenhouse crops	179	147	147	147	82.1	82.1	82.1	3	5	3	41	68	41
All fruit	22,730	14,491	14,991	14,491	63.8	66.0	63.8	150	309	399	21	41	55
Intertilled crops	1,546,530	1,198,939	1,284,396	1,284,089	77.5	83.1	83.0	32,208	29,121	35,191	54	45	55
Wheat	64,778	48,880	48,325	48,325	75.5	74.6	74.6	1,399	663	1,357	57	27	56
Rye	18,583	13,363	13,313	13,313	71.9	71.6	71.6	312	149	226	47	22	34
Oats	191,863	139,062	132,062	132,062	72.5	68.8	68.8	4,012	2,030	3,345	58	31	51
Barley	11,533	8,013	7,940	7,940	69.5	68.8	68.8	249	114	206	62	29	52
Root grain and crops	20,732	16,714	16,714	16,714	80.6	80.6	80.6	289	171	184	35	20	22
Close-growing crops	307,489	226,032	218,354	218,354	73.5	71.0	71.0	6,261	3,127	5,318	55	29	49
Tame hay and cropland pasture	343,445	138,923	138,923	133,923	40.4	40.4	39.0	3,617	2,603	2,999	52	37	45
Improved permanent pasture	96,264	43,381	42,381	43,381	45.1	44.0	45.1	1,573	882	1,594	73	42	73
Hay and pasture	439,709	182,304	181,304	177,304	41.5	41.2	40.3	5,190	3,485	4,593	57	38	52
Total	2,293,728	1,607,275	1,684,054	1,679,747	70.1	73.4	73.2	43,659	35,733	45,102	54	42	54
ASR-29, PORTION IN:													
Florida:													
Corn	365,500	298,400	298,400	298,400	81.6	81.6	81.6	3,560	3,157	2,703	24	21	18
Soybeans	900	200	200	200	22.2	22.2	22.2	1	5	5	10	50	50
Cowpeas	14,300	10,725	10,725	10,725	75.0	75.0	75.0	49	160	154	9	30	29
Peanuts	57,600	43,200	43,200	43,200	75.0	75.0	75.0	132	803	776	6	37	36
Cotton	13,800	13,800	13,800	13,800	100.0	100.0	100.0	140	257	297	20	37	43
Tobacco	17,200	17,200	17,200	17,200	100.0	100.0	100.0	670	1,409	1,665	78	164	194
Sugarcane	1,100	1,100	1,100	1,100	100.0	100.0	100.0	16	10	19	29	18	35
Vegetables	37,000	37,000	37,000	37,000	100.0	100.0	100.0	1,684	2,294	1,994	91	124	108
Potatoes	900	900	900	900	100.0	100.0	100.0	28	52	38	62	116	84
Sweet potatoes	1,000	950	950	950	95.0	95.0	95.0	39	47	52	82	99	109
Nursery and greenhouse	1,900	1,900	1,900	1,900	100.0	100.0	100.0	164	263	222	173	277	234
Small fruit	100	100	100	100	100.0	100.0	100.0	8	11	10	160	220	200
Tree fruit	26,500	26,500	26,500	26,500	100.0	100.0	100.0	1,285	1,120	1,833	97	85	138
Intertilled crops	537,800	451,975	451,975	451,975	84.0	84.0	84.0	7,776	9,588	9,768	34	42	43
Wheat	3,000	3,000	3,000	3,000	100.0	100.0	100.0	36	37	32	24	25	21
Oats	5,400	5,400	5,400	5,400	100.0	100.0	100.0	66	67	59	24	25	22
Root and grain crops	36,200	18,100	18,100	18,100	50.0	50.0	50.0	219	247	238	24	27	26
Close-growing crops	44,600	26,500	26,500	26,500	59.4	59.4	59.4	321	351	329	24	26	25
Tame hay and cropland pasture	247,500	79,200	79,200	79,200	32.0	32.0	32.0	961	1,080	1,043	24	27	26
Improved permanent pasture	253,000	66,200	66,200	66,200	26.2	26.2	26.2	627	827	808	19	25	24
Hay and pasture	500,500	145,400	145,400	145,400	29.1	29.1	29.1	1,588	1,907	1,851	22	26	25
Total	1,082,900	623,875	623,875	623,875	57.6	57.6	57.6	9,685	11,846	11,948	31	38	38
Georgia:													
Corn	705,211	705,211	705,211	705,211	100.0	100.0	100.0	14,741	14,530	15,252	42	41	43
Sorghum	3,152	2,232	2,232	2,232	70.8	70.8	70.8	38	27	29	34	24	26
Soybeans	17,641	10,522	10,522	10,522	59.6	59.6	59.6	56	213	235	11	40	45
Velvet beans	3,633	---	1,086	1,086	---	29.9	29.9	---	9	13	---	17	24
Cowpeas	8,219	3,320	3,320	3,320	40.4	40.4	40.4	13	46	50	8	28	30
Peanuts	56,101	33,506	33,506	33,506	59.7	59.7	59.7	282	607	712	17	36	42
Cotton	104,019	102,564	102,564	102,564	98.6	98.6	98.6	1,696	2,430	2,501	33	47	49

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tobacco	45,342	45,342	45,342	45,342	100.0	100.0	100.0	1,332	3,362	4,230	59	148	187
Sugarcane	1,096	644	644	644	58.8	58.8	58.8	5	25	30	16	78	93
Vegetables	30,693	30,693	30,693	30,693	100.0	100.0	100.0	561	1,661	2,171	37	108	141
Potatoes	110	110	110	110	100.0	100.0	100.0	3	7	7	55	127	127
Sweet potatoes	4,262	4,262	4,262	4,262	100.0	100.0	100.0	79	231	323	37	108	152
Nursery and greenhouse	3,123	2,635	2,635	2,635	84.4	84.4	84.4	87	206	92	66	156	70
All fruit	20,413	13,376	13,376	13,376	65.5	65.5	65.5	117	306	408	17	46	61
Intertilled crops	1,003,015	954,417	955,503	955,503	95.2	95.3	95.3	19,010	23,660	26,053	40	50	55
Wheat	2,929	1,723	1,723	1,723	58.8	58.8	58.8	44	30	32	51	35	37
Rye	2,769	1,807	1,807	1,807	65.3	65.3	65.3	30	19	19	33	21	21
Oats	17,145	13,297	13,297	13,297	77.6	77.6	77.6	259	290	312	39	44	47
Barley	33	---	---	---	---	---	---	---	---	---	---	---	---
Root and grain crops	28,933	20,684	20,684	20,684	71.5	71.5	71.5	577	325	340	56	30	33
Close-growing crops	51,809	37,511	37,511	37,511	72.4	72.4	72.4	910	654	703	49	35	37
Tame hay and cropland pasture	182,820	98,026	98,026	98,026	53.6	53.6	53.6	2,322	2,135	2,309	47	44	47
Improved permanent pasture	109,793	48,815	48,815	48,815	44.5	44.5	44.5	825	1,194	1,193	34	49	49
Hay and pasture	292,613	146,841	146,841	146,841	50.2	50.2	50.2	3,147	3,329	3,502	43	45	48
Total	1,347,437	1,138,769	1,139,855	1,139,855	84.5	84.6	84.6	23,067	27,643	30,258	41	49	53
Total:													
Corn	1,070,711	1,003,611	1,003,612	1,003,612	93.7	93.7	93.7	18,301	17,687	17,955	36	35	36
Sorghum	3,152	2,232	2,232	2,232	70.8	70.8	70.8	38	27	29	34	24	26
Soybeans	18,541	10,722	10,722	10,722	57.8	57.8	57.8	57	218	240	11	41	45
Velvet beans	3,633	---	1,086	1,086	---	29.9	29.9	---	9	13	---	17	24
Cowpeas	22,519	14,045	14,045	14,045	62.4	62.4	62.4	62	206	204	9	29	29
Peanuts	113,701	76,706	76,706	76,706	67.5	67.5	67.5	414	1,410	1,488	11	37	39
Cotton	117,819	116,364	116,364	116,364	98.8	98.8	98.8	1,836	2,687	2,798	32	46	48
Tobacco	62,542	62,542	62,542	62,542	100.0	100.0	100.0	2,002	4,771	5,895	64	153	189
Sugarcane	2,196	1,744	1,744	1,744	79.4	79.4	79.4	21	35	49	24	40	56
Vegetables	67,693	67,693	67,693	67,693	100.0	100.0	100.0	2,245	3,955	4,165	66	117	123
Potatoes	1,010	1,010	1,010	1,010	100.0	100.0	100.0	31	59	45	61	117	89
Sweet potatoes	5,262	5,212	5,212	5,212	99.0	99.0	99.0	118	278	375	45	107	144
Nursery and greenhouse	5,023	4,535	4,535	4,535	90.3	90.3	90.3	251	469	314	111	207	138
All fruit	47,013	39,976	39,976	39,976	85.0	85.0	85.0	1,410	1,437	2,251	71	72	113
Intertilled crops	1,540,815	1,406,392	1,407,478	1,407,478	91.3	91.3	91.3	26,786	33,248	35,821	38	47	51
Wheat	5,929	4,723	4,723	4,723	79.7	79.7	79.7	80	67	64	34	28	27
Rye	2,769	1,807	1,807	1,807	65.3	65.3	65.3	30	19	19	33	21	21
Oats	22,545	18,697	18,697	18,697	82.9	82.9	82.9	325	357	371	35	38	40
Barley	33	---	---	---	---	---	---	---	---	---	---	---	---
Root and grain crops	65,133	38,784	38,784	38,784	59.5	59.5	59.5	796	562	578	41	29	30
Close-growing crops	96,409	64,011	64,011	64,011	66.4	66.4	66.4	1,231	1,005	1,032	38	31	32
Tame hay and cropland pasture	430,320	177,226	177,226	177,226	41.2	41.2	41.2	3,283	3,215	3,352	37	36	38
Improved permanent pasture	362,793	115,015	115,015	115,015	31.7	31.7	31.7	1,452	2,021	2,001	25	35	35
Hay and pasture	793,113	292,241	292,241	292,241	36.8	36.8	36.8	4,735	5,236	5,353	32	36	37
Total	2,430,337	1,762,644	1,763,730	1,763,730	72.5	72.6	72.6	32,752	39,489	42,206	37	45	48
ASR-30, PORTION IN:													
Florida:													
Corn	26,800	15,500	15,500	15,500	57.8	57.8	57.8	162	151	131	21	19	17
Soybeans	6,900	100	100	100	1.4	1.4	1.4	---	2	2	13	40	40
Cowpeas	4,800	3,600	3,600	3,600	75.0	75.0	75.0	16	53	51	9	29	28
Peanuts	9,100	6,825	6,825	6,825	75.0	75.0	75.0	20	126	122	6	37	36
Sugarcane	47,800	47,800	47,800	47,800	100.0	100.0	100.0	196	355	3,305	8	15	138
Vegetables	291,600	251,600	291,600	291,600	86.3	100.0	100.0	9,732	21,688	19,210	77	149	132
Potatoes	17,000	17,000	17,000	17,000	100.0	100.0	100.0	826	1,537	1,118	97	181	132
Sweet potatoes	800	760	760	760	95.0	95.0	95.0	23	38	41	61	100	108
Nursery and greenhouse	18,000	18,000	18,000	18,000	100.0	100.0	100.0	1,566	2,489	2,102	174	277	234
Small fruit	1,200	1,200	1,200	1,200	100.0	100.0	100.0	94	129	109	157	215	182
Tree fruit	679,800	679,800	679,800	679,800	100.0	100.0	100.0	56,444	24,294	54,211	166	71	159
Intertilled crops	1,103,800	1,042,185	1,082,185	1,082,185	94.4	98.0	98.0	69,079	50,862	80,402	133	94	74
Wheat	200	200	200	200	100.0	100.0	100.0	2	3	2	20	30	20
Oats	700	700	700	700	100.0	100.0	100.0	8	9	7	23	26	20
Root and grain crops	6,000	3,000	3,000	3,000	50.0	50.0	50.0	43	48	47	29	32	31
Close-growing crops	6,900	3,900	3,900	3,900	56.5	56.5	56.5	53	60	56	27	31	29
Tame hay and cropland pasture	662,600	203,000	203,000	203,000	30.6	30.6	30.6	2,874	3,271	3,161	28	32	31
Improved permanent pasture	3,694,500	496,600	496,600	496,600	13.4	13.4	13.4	4,702	6,200	6,055	19	25	24
Hay and pasture	4,357,100	699,600	699,600	699,600	16.1	16.1	16.1	7,576	9,471	9,216	22	27	26
Total	5,467,800	1,745,685	1,785,685	1,785,685	31.9	32.7	32.7	76,708	60,393	89,674	88	68	100

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-31, PORTION IN:													
Alabama:													
Corn	68,525	63,285	63,285	63,285	92.4	92.4	92.4	1,582	1,550	1,350	50	49	43
Sorghum	1,460	730	730	730	50.0	50.0	50.0	14	7	7	38	19	19
Soybeans	93,595	---	72,358	72,358	---	77.3	77.3	---	1,500	1,500	---	41	41
Cowpeas	239	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	776	---	388	388	---	50.0	50.0	---	4	8	---	21	41
Cotton	10,704	10,704	10,704	10,704	100.0	100.0	100.0	344	300	300	64	56	56
Sugarcane	496	496	496	496	100.0	100.0	100.0	13	13	13	52	52	52
Vegetables	8,552	7,055	7,055	7,055	82.5	82.5	82.5	487	493	493	138	140	140
Potatoes	9,802	9,802	9,802	9,802	100.0	100.0	100.0	588	982	982	120	200	200
Sweet potatoes	736	294	294	294	39.9	39.9	39.9	7	7	7	48	48	48
Nursery and greenhouse	3,627	3,627	3,627	3,627	100.0	100.0	100.0	112	222	222	62	122	122
Small fruit	10	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruit	20,014	4,000	4,000	4,000	20.0	20.0	20.0	100	100	100	50	50	50
Intertilled crops	218,536	99,993	172,739	172,739	45.8	79.0	79.0	3,247	5,178	4,982	65	60	58
Wheat	9,542	3,817	3,817	3,817	40.0	40.0	40.0	76	38	38	40	20	20
Oats	11,127	4,451	4,451	4,451	40.0	40.0	40.0	90	45	45	40	20	20
Close-growing crops	20,669	8,268	8,268	8,268	40.0	40.0	40.0	166	83	83	40	20	20
Tame hay and cropland pasture	60,390	32,344	32,344	32,344	53.6	53.6	53.6	178	178	178	11	11	11
Improved permanent pasture	59,092	25,663	25,663	25,663	43.4	43.4	43.4	179	436	256	14	34	20
Hay and pasture	119,482	58,007	58,007	58,007	48.5	48.5	48.5	357	614	434	12	21	15
Total	358,687	166,268	239,014	239,014	46.4	66.6	66.6	3,770	5,875	5,499	39	49	46
Florida:													
Corn	100,700	78,800	78,800	78,800	78.3	78.3	78.3	1,066	1,085	929	27	28	24
Soybeans	25,100	20,200	20,200	20,200	80.5	80.5	80.5	131	452	436	13	45	43
Cowpeas	3,900	2,925	2,925	2,925	75.0	75.0	75.0	13	44	43	9	30	29
Peanuts	18,400	13,800	13,800	13,800	75.0	75.0	75.0	41	257	248	6	37	36
Cotton	9,700	9,700	9,700	9,700	100.0	100.0	100.0	98	181	210	20	37	43
Tobacco	600	600	600	600	100.0	100.0	100.0	14	51	54	47	170	180
Sugarcane	300	300	300	300	100.0	100.0	100.0	5	4	6	33	27	40
Vegetables	16,700	16,700	16,700	16,700	100.0	100.0	100.0	760	1,035	903	91	124	108
Potatoes	19,200	19,200	19,200	19,200	100.0	100.0	100.0	1,001	1,838	1,337	104	191	139
Sweet potatoes	300	285	285	285	95.0	95.0	95.0	9	14	15	63	98	105
Nursery and greenhouse	1,100	1,100	1,100	1,100	100.0	100.0	100.0	97	151	126	176	275	229
Small fruit	200	200	200	200	100.0	100.0	100.0	15	21	18	150	210	180
Tree fruit	22,100	22,100	22,100	22,100	100.0	100.0	100.0	1,428	863	1,681	129	78	152
Intertilled crops	218,300	185,910	185,910	185,910	85.2	85.2	85.2	4,678	5,996	6,006	50	65	65
Wheat	6,600	6,600	6,600	6,600	100.0	100.0	100.0	80	82	71	24	25	22
Oats	5,200	5,200	5,200	5,200	100.0	100.0	100.0	63	64	56	24	25	22
Root and grain crops	8,800	4,400	4,400	4,400	50.0	50.0	50.0	69	77	74	31	35	34
Close-growing crops	20,600	16,200	16,200	16,200	78.6	78.6	78.6	212	223	201	26	28	25
Tame hay and cropland pasture	121,100	37,200	37,200	37,200	30.7	30.7	30.7	583	646	624	31	35	34
Improved permanent pasture	174,100	52,900	52,900	52,900	30.4	30.4	30.4	501	660	647	19	25	24
Hay and pasture	295,200	90,100	90,100	90,100	30.5	30.5	30.5	1,084	1,306	1,271	24	29	28
Total	534,100	292,210	292,210	292,210	54.7	54.7	54.7	5,974	7,525	7,478	41	52	51
Louisiana:													
Corn	42,078	35,933	31,166	31,166	85.4	74.1	74.1	843	494	367	47	32	24
Sorghum	1,342	408	395	395	30.4	29.4	29.4	8	6	6	39	30	30
Soybeans	2,822	605	672	672	21.4	23.8	23.8	4	16	16	13	48	48
Cowpeas	2,089	444	522	522	21.3	25.0	25.0	2	9	9	9	34	34
Peanuts	126	37	44	44	29.4	34.9	34.9	---	---	---	---	7	24	24
Cotton	6,679	5,758	5,405	5,405	86.2	80.9	80.9	165	100	65	57	37	24
Sugarcane	4,808	4,375	---	---	91.0	---	---	197	---	---	90	---	---
Vegetables	12,361	6,557	6,424	6,424	53.0	52.0	52.0	215	275	139	66	86	43
Potatoes	531	190	186	186	35.8	35.0	35.0	5	6	4	53	65	43
Sweet potatoes	4,901	2,083	2,328	2,328	42.5	47.5	47.5	25	74	49	24	64	42
Nursery and greenhouse	2,893	2,604	2,604	2,604	90.0	90.0	90.0	130	101	101	100	78	78
Small fruit	4,914	4,335	4,423	4,335	88.2	90.0	88.2	132	267	132	61	121	61
Tree fruit	22,565	6,905	7,217	7,519	30.6	32.0	33.3	230	173	268	67	48	71
Intertilled crops	108,109	70,234	61,386	61,600	65.0	56.8	56.8	1,956	1,521	1,156	56	50	38
Wheat	13	10	10	10	76.9	76.9	76.9	---	---	---	61	32	32
Rice	690	669	400	400	97.0	58.0	58.0	9	5	3	27	25	15
Oats	4,390	2,325	2,253	2,253	53.0	51.3	51.3	71	36	36	61	32	32
Close-growing crops	5,093	3,004	2,663	2,663	59.0	52.3	52.3	80	41	39	53	31	29
Tame hay and cropland pasture	274,610	46,742	45,282	45,282	17.0	16.5	16.5	1,241	876	803	53	39	35
Improved permanent pasture	223,122	35,196	34,454	34,454	15.8	15.4	15.4	889	722	648	51	42	38
Hay and pasture	497,732	81,938	79,736	79,736	16.5	16.0	16.0	2,130	1,598	1,451	52	40	36
Total	610,934	155,176	143,785	143,999	25.4	23.5	23.6	4,166	3,160	2,646	54	44	37

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Mississippi:													
Corn	60,885	53,700	53,700	53,700	88.2	88.2	88.2	1,745	644	537	65	24	20
Sorghum	1,082	1,082	1,082	1,082	100.0	100.0	100.0	22	11	11	41	20	20
Soybeans	3,773	1,750	1,750	1,750	46.4	46.4	46.4	2	18	18	2	21	21
Cowpeas	566	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	147	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	4,613	4,181	4,181	4,181	90.6	90.6	90.6	125	84	84	60	40	40
Sugarcane	188	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	7,766	7,566	7,566	7,566	97.4	97.4	97.4	264	303	282	70	80	75
Potatoes	156	156	156	156	100.0	100.0	100.0	5	5	4	64	64	51
Sweet potatoes	694	694	694	694	100.0	100.0	100.0	14	17	17	40	49	49
Nursery and greenhouse	637	637	637	637	100.0	100.0	100.0	19	25	25	60	78	78
Small fruit	14	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruit	76,912	46,181	46,181	46,181	60.0	60.0	60.0	1,628	692	1,388	71	30	60
Intertilled crops	157,433	115,947	115,947	115,947	73.6	73.6	73.6	3,824	1,799	2,366	66	31	41
Wheat	96	96	96	96	100.0	100.0	100.0	2	1	1	42	21	21
Oats	2,012	2,012	2,012	2,012	100.0	100.0	100.0	40	15	15	40	15	15
Close-growing crops	2,108	2,108	2,108	2,108	100.0	100.0	100.0	42	16	16	40	15	15
Tame hay and cropland pasture	122,639	46,049	46,049	46,049	37.5	37.5	37.5	115	691	461	5	30	20
Improved permanent pasture	63,286	---	31,629	31,629	---	50.0	50.0	---	712	95	---	45	6
Hay and pasture	185,925	46,049	77,678	77,678	24.8	41.8	41.8	115	1,403	556	5	36	14
Total	345,466	164,104	195,733	195,733	47.5	56.7	56.7	3,981	3,218	2,938	49	33	30
Total:													
Corn	272,188	231,718	226,951	226,951	85.1	83.4	83.4	5,236	3,773	3,183	38	33	28
Sorghum	3,884	2,220	2,207	2,207	57.2	56.8	56.8	44	24	24	40	22	22
Soybeans	125,290	22,555	94,980	94,980	18.0	75.8	75.8	137	1,986	1,970	12	42	41
Cowpeas	6,794	3,369	3,447	3,447	49.6	50.7	50.7	15	53	52	9	31	30
Peanuts	19,449	13,837	14,232	14,232	71.1	73.2	73.2	41	261	256	6	37	36
Cotton	31,696	20,343	29,990	29,990	95.7	94.6	94.6	732	665	659	48	44	44
Tobacco	600	600	600	600	100.0	100.0	100.0	14	51	54	47	170	180
Sugarcane	5,792	5,171	796	796	89.3	13.7	13.7	215	17	19	83	43	48
Vegetables	45,379	37,878	37,745	37,745	83.5	83.2	83.2	1,726	2,106	1,817	91	112	96
Potatoes	29,689	29,348	29,344	29,344	98.9	98.8	98.8	1,599	2,831	2,327	109	193	159
Sweet potatoes	6,631	3,356	3,601	3,601	50.6	54.3	54.3	55	112	88	33	62	49
Nursery and greenhouse	8,257	7,968	7,968	7,968	96.5	96.5	96.5	358	499	474	90	125	119
Small fruit	5,138	4,535	4,623	4,535	88.3	90.0	88.3	147	288	150	65	125	66
Tree fruit	141,591	79,186	79,498	79,800	55.9	56.1	56.4	3,386	1,828	3,437	86	46	86
Intertilled crops	702,378	472,084	535,982	536,196	67.2	76.3	76.3	13,705	14,494	14,510	58	54	54
Wheat	16,251	10,523	10,523	10,523	64.8	64.8	64.8	158	121	110	30	23	21
Rice	690	669	400	400	97.0	58.0	58.0	9	5	3	27	25	15
Oats	22,729	13,988	13,916	13,916	61.5	61.2	61.2	264	160	152	38	23	22
Root and grain crops	8,800	4,400	4,400	4,400	50.0	50.0	50.0	69	77	74	31	35	34
Close-growing crops	48,470	29,580	29,239	29,239	61.0	60.3	60.3	500	363	339	34	25	23
Tame hay and cropland pasture	578,739	162,335	160,875	160,875	28.0	27.8	27.8	2,117	2,391	2,060	26	30	26
Improved permanent pasture	519,600	113,759	144,646	144,646	21.9	27.8	27.8	1,569	2,530	1,646	28	35	23
Hay and pasture	1,098,339	276,094	305,521	305,521	25.1	27.8	27.8	3,686	4,921	3,712	27	32	24
Total	1,849,187	777,758	870,742	870,956	42.1	47.1	47.1	17,891	19,778	18,561	46	45	43
ASR-32, PORTION IN:													
Alabama:													
Corn	586,078	558,985	558,985	558,985	95.4	95.4	95.4	9,700	9,000	8,100	35	32	29
Sorghum	4,447	2,224	2,224	2,224	50.0	50.0	50.0	44	22	22	40	20	20
Soybeans	3,504	---	3,504	3,504	---	100.0	100.0	---	95	95	---	54	54
Cowpeas	3,304	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	196,253	---	147,190	147,190	---	75.0	75.0	---	1,386	2,796	---	19	38
Cotton	145,576	142,970	142,970	142,970	98.2	98.2	98.2	3,911	3,718	3,718	55	52	52
Sugarcane	682	682	682	682	100.0	100.0	100.0	18	18	18	53	53	53
Vegetables	21,624	15,199	15,199	15,199	70.3	70.3	70.3	1,073	1,067	1,067	141	140	140
Potatoes	100	100	100	100	100.0	100.0	100.0	6	10	10	120	200	200
Sweet potatoes	1,656	1,325	1,325	1,325	80.0	80.0	80.0	33	33	33	50	50	50
Nursery and greenhouse	42	42	42	42	100.0	100.0	100.0	1	2	2	48	95	95
Small fruit	106	106	106	106	100.0	100.0	100.0	5	5	5	94	94	94
Tree fruit	16,730	13,384	13,384	13,384	80.0	80.0	80.0	335	335	335	50	50	50
Intertilled crops	980,102	735,017	885,711	885,711	75.0	90.4	90.4	15,126	15,691	16,201	41	35	37
Wheat	1,777	711	711	711	40.0	40.0	40.0	14	7	7	39	20	20
Oats	10,081	4,032	4,032	4,032	40.0	40.0	40.0	80	40	40	40	20	20
Close-growing crops	11,858	4,743	4,743	4,743	40.0	40.0	40.0	94	47	47	40	20	20
Tame hay and cropland pasture	207,678	64,126	64,126	64,126	30.9	30.9	30.9	706	672	672	22	21	21
Improved permanent pasture	300,436	65,928	65,928	65,928	21.9	21.9	21.9	461	1,020	659	14	31	20
Hay and pasture	508,114	130,054	130,054	130,054	25.6	25.6	25.6	1,167	1,692	1,331	18	26	20
Total	1,500,074	869,814	1,020,508	1,020,508	58.0	68.0	68.0	16,387	17,430	17,579	38	34	34

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Georgia:													
Corn	792,324	770,170	770,170	770,170	97.2	97.2	97.2	21,953	16,625	17,446	57	43	45
Sorghum	17,148	12,180	12,180	12,180	71.0	71.0	71.0	203	151	162	33	25	27
Soybeans	21,130	8,929	8,929	8,929	42.3	42.3	42.3	48	182	200	11	41	45
Velvet beans	3,446	---	831	831	---	24.1	24.1	---	8	7	---	19	17
Cowpeas	17,526	6,384	6,384	6,384	36.4	36.4	36.4	30	104	112	9	33	35
Peanuts	384,185	284,724	284,724	284,724	74.1	74.1	74.1	1,201	5,161	6,048	8	36	42
Cotton	172,386	168,510	168,510	168,510	97.8	97.8	97.8	4,299	5,515	6,555	51	65	78
Tobacco	12,343	12,343	12,343	12,343	100.0	100.0	100.0	302	1,090	810	49	177	131
Sugarcane	1,436	906	906	906	63.1	63.1	63.1	24	42	75	53	93	166
Vegetables	40,205	40,205	40,205	40,205	100.0	100.0	100.0	740	2,227	2,947	37	111	147
Potatoes	66	66	66	66	100.0	100.0	100.0	2	3	4	61	91	121
Sweet potatoes	4,806	4,806	4,806	4,806	100.0	100.0	100.0	89	260	437	37	108	182
Nursery and greenhouse	5,623	4,802	4,802	4,802	85.4	85.4	85.4	158	374	166	66	156	69
All fruit	99,726	70,658	70,658	70,658	70.9	70.9	70.9	619	1,619	2,151	18	46	61
Intertilled crops	1,572,350	1,384,683	1,385,514	1,385,514	88.1	88.1	88.1	29,668	33,361	37,120	43	48	54
Wheat	20,365	11,213	11,213	11,213	55.1	55.1	55.1	241	224	242	43	40	43
Rye	6,439	4,838	4,838	4,838	75.1	75.1	75.1	103	60	62	43	25	26
Oats	70,869	58,641	58,641	58,641	83.5	83.5	83.5	1,455	1,189	1,280	50	41	44
Barley	2,176	897	897	897	41.2	41.2	41.2	10	12	13	22	27	29
Root and grain crops	42,333	12,319	12,319	12,319	29.1	29.1	29.1	463	220	237	75	36	38
Close-growing crops	141,582	87,908	87,908	87,908	62.1	62.1	62.1	2,272	1,705	1,834	52	39	42
Tame hay and cropland pasture	317,779	182,935	182,935	182,935	57.6	57.6	57.6	5,082	4,901	5,300	56	54	58
Improved permanent pasture	288,803	126,418	126,418	126,418	43.8	43.8	43.8	2,997	1,805	1,802	47	29	29
Hay and pasture	606,582	309,353	309,353	309,353	51.0	51.0	51.0	8,079	6,706	7,102	52	43	46
Total	2,320,514	1,781,944	1,782,775	1,782,775	76.8	76.8	76.8	40,019	41,772	46,056	45	47	52
Total:													
Corn	1,378,402	1,329,155	1,329,155	1,329,555	96.4	96.4	96.4	31,653	25,625	25,546	48	39	38
Sorghum	21,595	14,404	14,404	14,404	66.7	66.7	66.7	247	173	184	34	24	26
Soybeans	24,634	8,929	12,433	12,433	36.2	50.5	50.5	48	277	295	11	45	47
Velvet beans	3,446	---	831	831	---	24.1	24.1	---	8	7	---	19	17
Cowpeas	20,830	6,384	6,384	6,384	30.6	30.6	30.6	30	104	112	9	33	35
Peanuts	580,438	284,724	431,914	431,914	49.1	74.4	74.4	1,201	6,547	8,844	8	30	41
Cotton	317,962	311,480	311,480	311,480	98.0	98.0	98.0	8,210	9,233	10,273	53	59	66
Tobacco	12,343	12,343	12,343	12,343	100.0	100.0	100.0	302	1,090	810	49	177	131
Sugarcane	2,118	1,588	1,588	1,588	75.0	75.0	75.0	42	60	93	53	76	117
Vegetables	61,829	55,404	55,404	55,404	89.6	89.6	89.6	1,813	3,294	4,014	65	119	145
Potatoes	166	166	166	166	100.0	100.0	100.0	8	13	14	96	157	169
Sweet potatoes	6,462	6,131	6,131	6,131	94.9	94.9	94.9	122	293	470	40	96	153
Nursery and greenhouse	5,665	4,844	4,844	4,844	85.5	85.5	85.5	159	376	168	66	155	69
All fruit	116,562	84,148	84,148	84,148	72.2	72.2	72.2	959	1,959	2,491	23	47	59
Intertilled crops	2,552,452	2,119,700	2,271,225	2,271,225	83.0	89.0	89.0	44,794	49,052	53,321	42	43	47
Wheat	22,142	11,924	11,924	11,924	53.9	53.9	53.9	255	231	249	43	39	42
Rye	6,439	4,838	4,838	4,838	75.1	75.1	75.1	103	60	62	43	25	26
Oats	80,350	62,673	62,673	62,673	78.0	78.0	78.0	1,535	1,229	1,320	49	39	42
Barley	2,176	897	897	897	41.2	41.2	41.2	10	12	13	22	27	29
Root and grain crops	42,333	12,319	12,319	12,319	29.1	29.1	29.1	463	220	237	75	36	38
Close-growing crops	153,440	92,651	92,651	92,651	60.4	60.4	60.4	2,366	1,752	1,881	51	38	41
Tame hay and cropland pasture	525,457	247,061	247,061	247,061	47.0	47.0	47.0	5,788	5,573	5,972	47	45	48
Improved permanent pasture	589,239	192,346	192,346	192,346	32.6	32.6	32.6	3,458	2,825	2,461	36	29	26
Hay and pasture	1,114,696	439,407	439,407	439,407	39.4	39.4	39.4	9,246	8,398	8,433	42	38	38
Total	3,820,588	2,651,758	2,803,283	2,803,283	69.4	73.4	73.4	56,406	59,202	63,635	43	42	45
ASR-33, PORTION IN:													
Alabama:													
Corn	69,795	66,841	66,841	66,841	95.8	95.8	95.8	1,036	1,010	902	31	30	27
Sorghum	3,666	1,833	1,833	1,833	50.0	50.0	50.0	36	18	18	39	20	20
Soybeans	1,893	---	900	900	---	47.5	47.5	---	14	14	---	31	31
Cowpeas	1,274	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	377	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	29,279	29,279	29,279	29,279	100.0	100.0	100.0	820	820	820	56	56	56
Sugarcane	62	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	5,921	3,928	3,928	3,928	66.3	66.3	66.3	274	274	274	140	140	140
Potatoes	76	76	76	76	100.0	100.0	100.0	4	8	8	105	211	211
Sweet potatoes	474	474	474	474	100.0	100.0	100.0	12	12	12	51	51	51
Nursery and greenhouse	292	292	292	292	100.0	100.0	100.0	7	14	14	48	96	96
Small fruit	12	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruit	3,716	929	929	929	25.0	25.0	25.0	24	24	24	52	52	52
Intertilled crops	116,837	103,652	104,552	104,552	88.7	89.5	89.5	2,213	2,194	2,086	43	42	40
Wheat	901	451	451	451	50.1	50.1	50.1	9	4	4	40	18	18
Oats	3,035	1,518	1,518	1,518	50.0	50.0	50.0	30	15	15	40	20	20
Close-growing crops	3,936	1,969	1,969	1,969	50.0	50.0	50.0	39	19	19	40	19	19

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	136,918	32,704	32,704	32,704	23.9	23.9	23.9	360	360	360	22	22	22
Improved permanent pasture	131,861	25,365	25,365	25,365	19.2	19.2	19.2	177	431	253	14	34	20
Hay and pasture	268,779	58,069	58,069	58,069	21.6	21.6	21.6	537	791	613	18	27	21
Total	389,552	163,690	164,590	164,590	42.0	42.3	42.3	2,789	3,004	2,718	34	37	33
Georgia:													
Corn	235,540	219,734	219,734	219,734	93.3	93.3	93.3	5,324	4,205	4,750	48	38	43
Sorghum	16,785	10,231	10,231	10,231	61.0	61.0	61.0	153	210	225	30	41	44
Soybeans	9,026	---	4,110	4,110	---	45.5	45.5	---	68	89	---	33	43
Velvet beans	817	---	110	110	---	13.5	13.5	---	1	1	---	18	18
Cowpeas	13,542	3,797	3,797	3,797	28.0	28.0	28.0	10	36	39	5	19	21
Peanuts	677	334	334	334	49.3	49.3	49.3	3	7	8	18	42	48
Cotton	164,100	163,422	163,422	163,422	99.6	99.6	99.6	2,702	5,531	5,693	33	68	70
Tobacco	38	---	38	38	---	100.0	100.0	---	1	1	---	53	53
Sugarcane	184	101	101	101	54.9	54.9	54.9	1	2	4	20	40	79
Vegetables	35,804	35,804	35,804	35,804	100.0	100.0	100.0	382	1,592	1,958	21	89	109
Potatoes	308	308	308	308	100.0	100.0	100.0	5	15	17	32	97	110
Sweet potatoes	1,840	1,840	1,840	1,840	100.0	100.0	100.0	18	79	89	20	86	97
Nursery and greenhouse	1,007	848	848	848	84.2	84.2	84.2	28	67	88	66	158	208
All fruit	35,210	23,265	23,265	23,265	66.1	66.1	66.1	195	511	453	17	44	39
Intertilled crops	514,878	459,684	463,942	463,942	89.3	90.1	90.1	8,821	12,325	13,415	38	53	58
Wheat	46,982	25,587	25,587	25,587	54.5	54.5	54.5	540	416	448	42	33	35
Rye	2,330	1,421	1,421	1,421	61.0	61.0	61.0	17	9	9	24	13	13
Oats	78,866	43,808	43,808	43,808	55.5	55.5	55.5	912	821	883	42	37	40
Barley	5,481	3,348	3,348	3,348	61.1	61.1	61.1	30	41	47	18	24	28
Root or grain crop	14,898	12,358	12,358	12,358	83.0	83.0	83.0	365	294	316	59	48	51
Close-growing crops	148,557	86,522	86,522	86,522	58.2	58.2	58.2	1,864	1,581	1,703	43	37	39
Tame hay and cropland pasture	693,552	232,193	232,193	232,193	33.5	33.5	33.5	7,400	7,256	7,847	64	62	68
Improved permanent pasture	629,448	141,777	141,777	141,777	22.5	22.5	22.5	2,185	2,313	2,309	31	33	33
Hay and pasture	1,323,000	373,970	373,970	373,970	28.3	28.3	28.3	9,585	9,569	10,156	51	51	54
Total	1,986,435	920,176	924,434	924,434	46.3	46.5	46.5	20,270	23,475	25,274	44	51	55
South Carolina:													
Corn	34,439	33,500	33,000	33,500	97.3	95.8	97.3	842	732	781	50	44	47
Sorghum	6,729	4,037	3,500	3,500	60.0	52.0	52.0	92	58	75	46	33	43
Soybeans	10,865	2,000	4,300	4,310	18.4	39.6	39.7	28	79	101	14	37	47
Cowpeas	3,573	---	170	179	---	4.8	5.0	---	2	3	---	24	34
Peanuts	136	---	60	75	---	44.1	55.1	---	1	2	---	33	53
Cotton	29,201	28,945	28,700	28,900	99.1	98.3	99.0	655	879	901	45	61	62
Tobacco	32	32	32	32	100.0	100.0	100.0	1	1	1	63	63	63
Sugarcane	6	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	3,306	3,140	3,140	3,140	95.0	95.0	95.0	87	171	166	55	109	106
Potatoes	38	37	37	37	97.4	97.4	97.4	1	4	3	54	216	162
Sweet potatoes	322	306	306	306	95.0	95.0	95.0	5	14	17	33	92	111
Nursery and greenhouse	22	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	9,144	3,500	4,000	4,000	38.3	43.7	43.7	51	83	114	29	42	57
Intertilled crops	97,813	75,497	77,245	77,979	77.2	79.0	79.7	1,762	2,024	2,164	47	52	56
Wheat	14,687	12,218	11,000	11,500	83.2	74.9	78.3	248	160	206	41	29	36
Rye	808	590	590	590	73.0	73.0	73.0	11	7	9	37	24	31
Oats	31,305	21,781	19,000	19,500	69.6	60.7	62.3	411	266	339	38	28	35
Barley	3,516	2,567	2,000	2,000	73.0	56.9	56.9	47	32	40	37	32	40
Close-growing crops	50,316	37,156	32,590	33,590	73.8	64.8	66.8	717	465	594	39	29	35
Tame hay and cropland pasture	134,828	45,000	44,000	40,000	33.4	32.6	29.7	1,476	1,140	1,461	66	52	73
Improved permanent pasture	79,336	20,000	18,000	19,000	25.2	22.7	23.9	647	466	597	65	52	63
Hay and pasture	214,164	65,000	62,000	59,000	30.4	28.9	27.5	2,123	1,606	2,058	65	52	70
Total	362,293	177,653	171,835	170,569	49.0	47.4	47.1	4,602	4,095	4,816	52	48	56
Total:													
Corn	339,774	320,075	319,575	320,075	94.2	94.1	94.2	7,202	5,947	6,433	45	37	40
Sorghum	27,180	16,101	15,564	15,564	59.2	57.3	57.3	281	286	318	35	37	41
Soybeans	21,784	2,000	9,310	9,320	9.2	42.7	42.8	28	161	204	14	35	44
Cowpeas	19,206	3,797	4,077	4,086	19.8	21.2	21.3	10	39	43	5	19	21
Peanuts	1,190	334	394	409	28.1	33.1	34.4	3	8	10	18	41	49
Cotton	222,580	221,646	221,401	221,601	99.6	99.5	99.6	4,177	7,230	7,414	38	65	67
Tobacco	70	32	70	70	45.7	100.0	100.0	1	2	2	63	57	57
Sugarcane	252	101	101	101	40.1	40.1	40.1	1	2	4	20	40	79
Vegetables	45,031	42,872	42,872	42,872	95.2	95.2	95.2	743	2,037	2,398	35	95	112
Potatoes	422	421	421	421	99.8	99.8	99.8	10	27	28	48	128	133
Sweet potatoes	2,636	2,620	2,620	2,620	99.4	99.4	99.4	35	105	118	27	80	90
Nursery and greenhouse	1,321	1,140	1,140	1,140	86.3	86.3	86.3	35	81	102	61	142	179
All fruit	48,082	27,694	28,194	28,194	57.6	58.6	58.6	270	618	591	19	44	42
Intertilled crops	729,528	638,833	645,739	646,473	87.6	88.5	88.6	12,796	16,543	17,665	40	51	55

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	62,570	38,256	37,038	37,538	61.1	59.2	60.0	797	580	658	42	31	35
Rye	3,138	2,011	2,011	2,011	64.1	64.1	64.1	28	16	18	28	16	18
Oats	113,206	67,107	64,326	64,826	59.3	56.8	57.3	1,353	1,102	1,237	40	34	38
Barley	8,997	5,915	5,348	5,348	65.7	59.4	59.4	77	73	87	26	27	33
Root or grain crop	14,898	12,358	12,358	12,358	83.0	83.0	83.0	365	294	316	59	48	51
Close-growing crops	202,809	125,647	121,081	122,081	62.0	59.7	60.2	2,620	2,065	2,316	42	34	38
Tame hay and cropland pasture	965,298	309,897	308,897	304,897	32.1	32.0	31.6	9,236	8,756	9,668	60	57	63
Improved permanent pasture	840,645	187,142	185,142	186,142	22.3	22.0	22.1	3,009	3,210	3,159	32	35	34
Hay and pasture	1,805,943	497,039	494,039	491,039	27.5	27.4	27.2	12,245	11,966	12,827	49	48	52
Total	2,738,280	1,261,519	1,260,859	1,259,593	46.1	46.0	46.0	27,661	30,574	32,808	44	48	52
ASR-34, PORTION IN:													
Alabama:													
Corn	147,519	147,166	147,166	147,166	99.8	99.8	99.8	2,279	2,279	1,890	31	31	26
Sorghum	6,623	3,974	3,974	3,974	60.0	60.0	60.0	100	70	70	50	35	35
Soybeans	7,080	---	3,665	3,665	---	51.8	51.8	---	40	40	---	22	22
Cowpeas	2,324	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	1,805	---	542	542	---	30.0	30.0	---	9	9	---	33	33
Cotton	63,781	62,922	62,922	62,922	98.7	98.7	98.7	1,670	1,670	1,670	53	53	53
Sugarcane	87	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	10,932	7,986	7,986	7,986	73.1	73.1	73.1	558	558	558	140	140	140
Potatoes	268	268	268	268	100.0	100.0	100.0	16	26	26	119	194	194
Sweet potatoes	560	560	560	560	100.0	100.0	100.0	14	14	14	50	50	50
Nursery and greenhouse	562	562	562	562	100.0	100.0	100.0	16	33	33	57	117	117
Small fruit	73	73	73	73	100.0	100.0	100.0	3	3	3	82	82	82
Tree fruit	4,739	1,185	1,185	1,185	25.0	25.0	25.0	29	29	29	49	49	49
Intertilled crops	246,353	224,696	228,903	228,903	91.2	92.9	92.9	4,685	4,731	4,342	42	41	38
Wheat	3,157	1,579	1,579	1,579	50.0	50.0	50.0	30	15	15	38	19	19
Oats	8,406	4,203	4,203	4,203	50.0	50.0	50.0	84	42	42	40	20	20
Close-growing crops	11,563	5,782	5,782	5,782	50.0	50.0	50.0	114	57	57	39	20	20
Tame hay and cropland pasture	167,318	43,988	43,988	43,988	26.3	26.3	26.3	440	440	440	20	20	20
Improved permanent pasture	145,075	24,568	24,568	24,568	16.9	16.9	16.9	171	417	245	14	34	20
Hay and pasture	312,393	68,556	68,556	68,556	21.9	21.9	21.9	611	857	685	18	25	20
Total	570,309	299,034	303,241	303,241	52.4	53.2	53.2	5,410	5,645	5,084	36	37	34
Georgia:													
Corn	74,246	64,922	64,922	64,922	87.4	87.4	87.4	860	1,146	1,203	26	35	37
Sorghum	4,086	1,588	1,588	1,588	38.9	38.9	38.9	22	26	28	28	33	35
Soybeans	5,579	2,011	2,011	2,011	36.0	36.0	36.0	7	27	30	7	27	30
Velvet beans	21	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	864	288	288	288	33.3	33.3	33.3	1	3	3	7	21	21
Peanuts	58	---	28	28	---	48.3	48.3	---	1	2	---	71	143
Cotton	40,541	36,523	36,523	36,523	90.1	90.1	90.1	472	1,236	1,274	26	68	70
Tobacco	21	---	---	---	---	---	---	---	---	---	---	---	---
Sugarcane	1	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	5,793	5,723	5,723	5,723	98.8	98.8	98.8	56	246	287	20	86	100
Potatoes	224	224	224	224	100.0	100.0	100.0	3	11	12	27	98	107
Sweet potatoes	246	246	246	246	100.0	100.0	100.0	2	11	12	16	89	98
Nursery and greenhouse	88	75	75	75	85.2	85.2	85.2	3	6	3	80	160	80
All fruit	2,509	1,696	1,696	1,696	67.6	67.6	67.6	14	38	34	17	45	40
Intertilled crops	134,177	113,296	113,324	113,324	84.4	84.4	84.4	1,440	2,751	2,888	25	49	51
Wheat	7,034	4,274	4,274	4,274	60.8	60.8	60.8	51	64	69	24	30	32
Rye	232	141	141	141	60.8	60.8	60.8	2	1	1	28	14	14
Oats	10,121	5,602	5,602	5,602	55.4	55.4	55.4	60	70	75	21	25	27
Barley	346	196	196	196	56.6	56.6	56.6	1	2	2	10	20	20
Root or grain crops	608	369	369	369	60.7	60.7	60.7	8	9	10	43	49	54
Close-growing crops	18,341	10,582	10,582	10,582	57.7	57.7	57.7	122	146	157	23	28	30
Tame hay and cropland pasture	120,640	41,016	41,016	41,016	34.0	34.0	34.0	990	1,373	1,485	48	67	72
Improved permanent pasture	142,983	26,569	26,569	26,569	18.6	18.6	18.6	385	434	433	29	33	33
Hay and pasture	263,623	67,585	67,585	67,585	25.6	25.6	25.6	1,375	1,807	1,918	41	53	57
Total	416,241	191,463	191,491	191,491	46.0	46.0	46.0	2,937	4,704	4,963	31	49	52
Total:													
Corn	221,765	212,088	212,088	212,088	95.6	95.6	95.6	3,139	3,425	3,093	30	32	29
Sorghum	10,709	5,562	5,562	5,562	51.9	51.9	51.9	122	96	98	44	35	35
Soybeans	12,659	2,011	5,676	5,676	15.9	44.8	44.8	7	67	70	7	24	25
Velvet beans	21	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	3,188	288	288	288	9.0	9.0	9.0	1	3	3	7	21	21
Peanuts	1,863	---	570	570	---	30.6	30.6	---	10	11	---	35	39
Cotton	104,322	99,445	99,445	99,445	95.3	95.3	95.3	2,142	2,906	2,944	43	58	59
Tobacco	21	---	---	---	---	---	---	---	---	---	---	---	---
Sugar cane	88	---	---	---	---	---	---	---	---	---	---	---	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Vegetables	16,725	13,709	13,709	13,709	82.0	82.0	82.0	614	804	845	90	117	123
Potatoes	492	492	492	492	100.0	100.0	100.0	19	37	38	77	150	154
Sweet potatoes	806	806	806	806	100.0	100.0	100.0	16	25	26	40	62	65
Nursery and greenhouse	650	637	637	637	98.0	98.0	98.0	19	39	36	60	122	113
All fruit	7,321	2,954	2,954	2,954	40.3	40.3	40.3	46	70	66	31	47	45
Intertilled crops	380,630	337,992	342,227	342,227	88.8	89.9	89.9	6,125	7,482	7,230	36	44	42
Wheat	10,191	5,853	5,853	5,853	57.4	57.4	57.4	81	79	84	28	27	29
Rye	232	141	141	141	60.8	60.8	60.8	2	1	1	28	14	14
Oats	18,527	9,805	9,805	9,805	52.9	52.9	52.9	144	112	117	29	23	24
Barley	346	196	196	196	56.6	56.6	56.6	1	2	2	10	20	20
Root and grain crops	608	369	369	369	60.7	60.7	60.7	8	9	10	43	49	54
Close-growing crops	29,904	16,364	16,364	16,364	54.7	54.7	54.7	236	203	214	29	25	26
Tame hay and cropland pasture	287,958	85,004	85,004	85,004	29.5	29.5	29.5	1,430	1,813	1,925	34	43	45
Improved permanent pasture	288,058	51,137	51,137	51,137	17.8	17.8	17.8	556	851	678	22	33	27
Hay and pasture	576,016	136,141	136,141	136,141	23.6	23.6	23.6	1,986	2,664	2,603	29	39	38
Total	986,550	490,497	494,732	494,732	49.7	50.1	50.1	8,347	10,349	10,047	34	42	41
ASR-35, PORTION IN:													
Kentucky:													
Corn	188,848	171,843	171,843	171,843	91.0	91.0	91.0	3,071	2,730	1,274	36	32	15
Sorghum	4,519	3,269	3,269	3,269	72.3	72.3	72.3	44	63	68	27	39	42
Soybeans	6,828	---	760	760	---	11.1	11.1	---	14	15	---	37	39
Cowpeas	201	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	22,592	22,395	22,395	22,395	99.1	99.1	99.1	1,417	2,574	2,675	127	230	239
Vegetables	13,021	11,591	11,591	11,591	89.0	89.0	89.0	154	215	233	27	37	40
Potatoes	788	614	614	614	77.9	77.9	77.9	8	11	12	26	36	39
Popcorn	91	71	71	71	78.0	78.0	78.0	1	1	1	28	28	28
Nursery and greenhouse	8	---	---	---	---	---	---	---	---	---	---	---	---
Small fruit	344	287	287	287	83.4	83.4	83.4	4	5	6	28	35	42
Tree fruit	1,739	678	---	---	39.0	---	---	9	---	---	27	---	---
Intertilled crops	238,979	210,748	210,830	210,830	88.2	88.2	88.2	4,708	5,613	4,284	45	53	41
Wheat	9,111	6,325	6,325	6,325	69.4	69.4	69.4	91	152	100	29	48	32
Rye	580	---	32	32	---	5.5	5.5	---	1	1	---	63	63
Oats	7,771	87	87	87	1.1	1.1	1.1	1	2	2	23	46	46
Barley	8,711	1,938	1,938	1,938	22.2	22.2	22.2	26	36	40	27	37	41
Close-growing crops	26,173	8,350	8,382	8,382	32.0	32.0	32.0	118	191	143	28	46	34
Tame hay and cropland pasture	735,745	102,812	102,812	102,812	14.0	14.0	14.0	772	3,134	2,360	15	61	46
Improved permanent pasture	137,813	18,736	18,736	18,736	13.6	13.6	13.6	145	563	526	15	60	56
Hay and pasture	873,558	121,548	121,548	121,548	13.9	13.9	13.9	917	3,697	2,886	15	61	47
Total	1,138,710	340,646	340,760	340,760	29.9	29.9	29.9	5,743	9,501	7,313	34	56	43
Tennessee:													
Corn	309,089	265,771	265,771	265,771	86.0	86.0	86.0	3,211	4,393	4,278	24	33	32
Sorghum	13,413	6,850	6,850	6,850	51.1	51.1	51.1	41	93	82	12	27	24
Soybeans	24,564	6,020	8,600	8,600	24.5	35.0	35.0	24	192	192	8	45	45
Cowpeas	1,429	300	300	300	21.0	21.0	21.0	1	4	4	7	27	27
Cotton	21,913	21,000	21,000	21,000	95.8	95.8	95.8	521	495	510	50	47	49
Tobacco	11,706	11,261	11,261	11,261	96.2	96.2	96.2	363	756	759	64	134	135
Vegetables	17,688	4,300	4,300	4,300	24.3	24.3	24.3	42	70	48	20	33	22
Potatoes	1,418	1,201	1,201	1,201	84.7	84.7	84.7	18	28	28	30	47	47
Sweet potatoes	633	570	570	570	90.0	90.0	90.0	10	17	17	35	60	60
Popcorn	716	500	500	500	69.8	69.8	69.8	3	6	6	12	24	24
Nursery and greenhouse	5,207	4,000	4,000	4,000	76.8	76.8	76.8	32	56	44	16	28	22
Small fruit	1,249	500	500	500	40.0	40.0	40.0	3	4	4	12	16	16
Tree fruit	2,798	1,100	1,100	1,100	39.3	39.3	39.3	7	11	8	13	20	15
Intertilled crops	411,823	323,373	325,953	325,953	78.5	79.1	79.1	4,276	6,125	5,980	26	38	37
Wheat	24,363	20,185	20,185	20,185	82.9	82.9	82.9	307	372	352	30	37	35
Rye	3,554	2,000	2,000	2,000	56.3	56.3	56.3	23	19	19	23	19	19
Oats	22,122	16,600	16,600	16,600	75.0	75.0	75.0	237	251	203	29	30	24
Barley	7,260	5,450	5,450	5,450	75.1	75.1	75.1	75	67	67	28	25	25
Close-growing crops	57,299	44,235	44,235	44,235	77.2	77.2	77.2	642	709	641	29	32	29
Tame hay and cropland pasture	745,731	99,770	135,403	128,276	13.4	18.2	17.2	1,089	2,673	2,613	22	39	41
Improved permanent pasture	272,036	21,776	29,554	27,998	8.0	10.9	10.3	205	598	545	19	40	39
Hay and pasture	1,017,767	121,546	164,957	156,274	11.9	16.2	15.4	1,294	3,271	3,158	21	40	40
Total	1,486,889	489,154	535,145	526,462	32.9	36.0	35.4	6,212	10,105	9,779	25	38	37

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total:													
Corn	497,937	437,614	437,614	437,614	87.9	87.9	87.9	6,282	7,123	5,552	29	33	25
Sorghum	17,932	10,119	10,119	10,119	56.4	56.4	56.4	85	156	150	17	31	30
Soybeans	31,392	6,020	9,360	9,360	19.2	29.8	29.8	24	206	207	8	44	44
Cowpeas	1,630	300	300	300	19.4	19.4	19.4	1	4	4	7	27	27
Cotton	21,913	21,000	21,000	21,000	95.8	95.8	95.8	521	495	510	50	47	49
Tobacco	34,298	33,656	33,656	33,656	98.1	98.1	98.1	1,780	3,330	3,434	106	198	204
Vegetables	30,709	15,891	15,891	15,891	51.7	51.7	51.7	196	285	281	25	36	35
Potatoes	2,839	2,385	2,385	2,385	84.0	84.0	84.0	36	50	57	30	47	48
Popcorn	807	571	571	571	70.8	70.8	70.8	4	7	7	14	25	25
Nursery and greenhouse	5,215	4,000	4,000	4,000	76.7	76.7	76.7	32	56	44	16	28	22
Small fruits	1,593	787	787	787	49.4	49.4	49.4	7	9	10	18	23	25
Tree fruits	4,537	1,778	1,100	1,100	39.2	24.2	24.2	16	11	8	18	20	15
Intertilled crops	650,802	534,121	536,783	536,783	82.1	82.5	82.5	8,984	11,738	10,264	34	44	38
Wheat	33,474	26,510	26,510	26,510	79.2	79.2	79.2	398	524	452	30	40	34
Rye	4,134	2,032	2,032	2,032	49.2	49.2	49.2	23	20	20	23	20	20
Oats	29,893	16,687	16,687	16,687	55.8	55.8	55.8	238	253	205	29	30	25
Barley	15,971	7,388	7,388	7,388	46.3	46.3	46.3	101	103	107	27	28	29
Close-growing crops	83,472	52,585	52,617	52,617	63.0	63.0	63.0	760	900	784	29	34	30
Tame hay and cropland pasture	1,481,476	202,582	238,215	231,088	13.7	16.1	15.6	1,861	5,807	4,973	18	49	43
Improved permanent pasture	409,849	40,512	48,290	46,734	9.9	11.8	11.4	350	1,161	1,071	17	48	46
Hay and pasture	1,891,325	243,094	286,505	277,822	12.9	15.1	14.7	2,211	6,968	6,044	18	49	44
Total	2,625,599	829,800	875,905	867,222	31.6	33.4	33.0	11,955	19,606	17,092	29	45	39
ASR-36, PORTION IN:													
Kentucky:													
Corn	283,118	194,177	194,177	194,177	68.6	68.6	68.6	4,095	4,094	3,185	42	42	33
Sorghum	6,143	2,905	2,905	2,905	47.3	47.3	47.3	56	68	65	39	47	45
Soybeans	8,858	---	646	646	---	7.3	7.3	---	14	14	---	43	43
Cowpeas	94	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	102,028	100,970	100,970	100,970	99.0	99.0	99.0	7,140	6,887	14,735	141	136	292
Vegetables	20,775	12,113	12,113	12,113	58.3	58.3	58.3	230	275	270	38	45	45
Potatoes	698	357	357	357	51.1	51.1	51.1	7	8	8	39	45	45
Popcorn	349	178	178	178	51.0	51.0	51.0	3	4	4	34	45	45
Nursery and greenhouse	1,069	740	740	740	69.2	69.2	69.2	14	16	16	38	43	43
Small fruits	320	175	175	175	54.7	54.7	54.7	3	4	4	34	46	46
Tree fruits	2,006	512	---	---	25.5	---	---	9	---	---	35	---	---
Miscellaneous	31,056	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	456,514	312,127	312,261	312,261	68.4	68.4	68.4	11,557	11,370	18,301	74	73	117
Wheat	23,205	9,676	9,676	9,676	41.7	41.7	41.7	100	112	82	21	23	17
Rye	6,837	247	247	247	3.6	3.6	3.6	5	5	5	40	40	40
Oats	10,822	79	79	79	0.7	0.7	0.7	1	2	2	25	51	51
Barley	9,500	1,385	1,385	1,385	14.6	14.6	14.6	29	33	32	42	48	46
Close-growing crops	50,364	11,387	11,387	11,387	22.6	22.6	22.6	135	152	121	24	27	21
Tame hay and cropland pasture	2,400,675	105,870	105,870	105,870	4.4	4.4	4.4	1,568	2,655	3,038	30	50	57
Improved permanent pasture	881,504	31,780	31,780	31,780	3.6	3.6	3.6	342	638	863	22	40	54
Hay and pasture	3,282,179	137,650	137,650	137,650	4.2	4.2	4.2	1,910	3,293	3,901	28	48	57
Total	3,789,057	461,164	461,298	461,298	12.2	12.2	12.2	13,602	14,815	22,323	59	64	97
ASR-37, PORTION IN:													
Indiana:													
Corn	481,599	455,368	455,368	455,368	94.6	94.6	94.6	7,741	9,097	9,790	34	40	43
Sorghum	3,733	3,456	3,456	3,456	92.6	92.6	92.6	53	62	62	31	36	36
Soybeans	115,273	17,124	42,810	42,810	14.9	37.1	37.1	86	664	728	10	31	34
Tobacco	6,111	6,050	6,050	6,050	99.0	99.0	99.0	272	545	817	90	180	270
Vegetables	21,474	17,557	17,557	17,557	81.8	81.8	81.8	372	512	512	42	58	58
Potatoes	663	643	643	643	97.0	97.0	97.0	16	32	32	50	100	100
Popcorn	2,070	1,967	1,967	1,967	95.0	95.0	95.0	30	34	34	31	35	35
Nursery and greenhouse	660	660	660	660	100.0	100.0	100.0	48	42	42	145	127	127
Small fruits	615	597	597	597	97.1	97.1	97.1	16	34	34	54	114	114
Tree fruits	3,082	1,079	1,079	1,079	35.0	35.0	35.0	89	30	30	165	56	56
Intertilled crops	635,280	504,501	530,187	530,187	79.4	83.5	83.5	8,723	11,052	12,081	35	42	46
Wheat	102,681	97,288	97,288	97,288	94.7	94.7	94.7	1,556	1,994	2,092	32	41	43
Rye	6,056	606	606	606	10.0	10.0	10.0	1	4	4	3	13	13
Oats	58,194	39,444	39,444	39,444	67.8	67.8	67.8	357	586	586	18	30	30
Barley	16,027	15,226	15,226	15,226	95.0	95.0	95.0	190	228	228	25	30	30
Close-growing crops	182,958	152,564	152,564	152,564	83.4	83.4	83.4	2,104	2,812	2,910	28	37	38
Tame hay and cropland pasture	672,562	20,775	69,249	69,249	3.1	10.3	10.3	450	1,800	2,008	43	52	58
Improved permanent pasture	406,741	16,537	16,537	16,537	4.1	4.1	4.1	124	488	488	15	59	59
Hay and pasture	1,079,303	37,312	85,786	85,786	3.5	7.9	7.9	574	2,288	2,496	31	53	58
Total	1,897,541	694,377	768,537	768,537	36.6	40.5	40.5	11,401	16,152	17,487	33	42	46

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Kentucky:													
Corn	382,887	336,111	336,111	336,111	87.8	87.8	87.8	4,095	5,460	3,822	24	32	23
Sorghum	6,591	5,169	5,169	5,169	78.4	78.4	78.4	95	124	130	37	48	50
Soybeans	61,682	---	7,320	7,320	---	11.9	11.9	---	179	188	---	49	51
Cowpeas	213	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	25,062	25,062	25,062	25,062	100.0	100.0	100.0	1,706	3,125	2,383	136	249	190
Vegetables	17,431	16,550	16,550	16,550	94.9	94.9	94.9	301	401	418	36	48	51
Potatoes	1,045	867	867	867	83.0	83.0	83.0	13	20	20	30	46	46
Popcorn	782	695	695	695	88.9	88.9	88.9	10	16	16	29	46	46
Nursery and greenhouse	666	666	666	666	100.0	100.0	100.0	10	16	16	30	48	48
Small fruits	241	215	215	215	89.2	89.2	89.2	3	5	5	28	47	47
Tree fruits	2,197	913	---	---	41.6	---	---	13	---	---	28	---	---
Miscellaneous	4,574	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	503,371	386,248	392,655	392,655	76.7	78.0	78.0	6,246	9,346	6,998	32	48	36
Wheat	31,111	24,519	24,519	24,519	78.8	78.8	78.8	275	453	230	22	37	19
Rye	1,136	68	68	68	6.0	6.0	6.0	1	2	2	29	59	59
Oats	11,026	131	131	131	1.2	1.2	1.2	2	3	3	31	46	46
Barley	14,387	3,414	3,414	3,414	23.7	23.7	23.7	70	80	82	41	47	48
Close-growing crops	57,660	28,132	28,132	28,132	48.8	48.8	48.8	348	538	317	25	38	23
Tame hay and cropland pasture	1,199,885	93,492	93,492	93,492	7.8	7.8	7.8	1,235	3,126	2,559	26	67	55
Improved permanent pasture	218,990	27,370	27,370	27,370	12.5	12.5	12.5	164	826	826	12	60	60
Hay and pasture	1,418,875	120,862	120,862	120,862	8.5	8.5	8.5	1,399	3,952	3,385	23	65	56
Total	1,979,906	535,242	541,649	541,649	27.0	27.4	27.4	7,993	13,836	10,700	30	51	40
Ohio:													
Corn	240,050	223,710	223,710	223,710	93.2	93.2	93.2	3,770	6,112	5,214	34	55	47
Soybeans	33,263	8,623	10,779	10,779	25.9	32.4	32.4	41	192	160	10	36	30
Tobacco	6,984	6,984	6,984	6,984	100.0	100.0	100.0	240	488	729	69	140	209
Vegetables	7,276	2,586	2,586	2,586	35.5	35.5	35.5	99	99	99	77	77	77
Potatoes	248	166	166	166	66.9	66.9	66.9	2	10	10	24	120	120
Sweet potatoes	26	26	26	26	100.0	100.0	100.0	---	2	2	30	154	154
Popcorn	5	4	4	4	80.0	80.0	80.0	---	---	---	30	48	31
Nursery and greenhouse	709	603	603	603	85.0	85.0	85.0	30	30	30	100	100	100
Small fruits	75	45	45	9	60.0	60.0	12.0	1	1	---	44	44	10
Tree fruits	2,205	551	551	551	25.0	25.0	25.0	11	1	1	40	4	4
Miscellaneous	12,576	3,144	3,144	3,144	25.0	25.0	25.0	16	50	50	10	32	32
Intertilled crops	303,417	246,442	248,598	248,562	81.2	81.9	81.9	4,210	6,985	6,295	34	56	51
Wheat	67,629	67,039	67,039	67,039	99.1	99.1	99.1	554	1,198	825	17	36	25
Rye	1,501	675	675	675	45.0	45.0	45.0	3	14	7	9	41	21
Buckwheat	122	43	43	43	35.2	35.2	35.2	---	---	---	3	12	12
Oats	25,057	14,299	14,299	14,299	57.1	57.1	57.1	100	236	217	14	33	30
Barley	3,823	2,905	2,905	2,905	76.0	76.0	76.0	17	51	49	12	35	34
Close-growing crops	98,132	84,961	84,961	84,961	86.6	86.6	86.6	674	1,499	1,098	16	35	26
Tame hay and cropland pasture	391,901	1,805	22,558	22,107	0.5	5.8	5.6	41	708	678	45	63	61
Improved permanent pasture	151,223	2,570	4,626	4,626	1.7	3.1	3.1	91	128	134	71	55	58
Hay and pasture	543,124	4,375	27,184	26,733	0.8	5.0	4.9	132	836	812	60	62	61
Total	944,673	335,778	360,743	360,256	35.5	38.2	38.1	5,016	9,320	8,205	30	52	46
Total:													
Corn	1,104,536	1,015,189	1,015,189	1,015,189	91.9	91.9	91.9	15,606	20,669	18,826	31	41	37
Sorghum	10,324	8,625	8,625	8,625	83.5	83.5	83.5	148	186	192	34	43	45
Soybeans	210,218	25,747	60,909	60,909	12.2	29.0	29.0	127	1,035	1,076	10	34	35
Cowpeas	213	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	38,157	38,096	38,096	38,096	99.8	99.8	99.8	2,218	4,158	3,929	116	218	206
Vegetables	46,181	36,693	36,693	36,693	79.5	79.5	79.5	772	1,012	1,029	42	55	56
Potatoes	1,982	1,702	1,702	1,702	85.9	85.9	85.9	31	64	64	36	75	75
Popcorn	2,857	2,666	2,666	2,666	93.3	93.3	93.3	40	50	50	30	38	38
Nursery and greenhouse	2,035	1,929	1,929	1,929	94.8	94.8	94.8	88	88	88	91	91	91
Small fruits	931	857	857	821	92.1	92.1	92.1	20	40	39	47	93	95
Tree fruits	7,484	2,543	1,630	1,630	34.0	21.8	21.8	113	31	31	89	38	38
Miscellaneous	17,150	3,144	3,144	3,144	18.3	18.3	18.3	16	50	50	10	32	32
Intertilled crops	1,442,068	1,137,191	1,171,440	1,171,404	78.9	81.2	81.2	19,179	27,383	25,374	34	47	43
Wheat	201,421	188,846	188,846	188,846	93.8	93.8	93.8	2,385	3,645	3,147	25	39	33
Rye	8,693	1,349	1,349	1,349	15.5	15.5	15.5	5	20	13	7	30	19
Buckwheat	122	43	43	43	35.2	35.2	35.2	---	---	---	3	12	12
Oats	94,277	53,874	53,874	53,874	57.1	57.1	57.1	459	825	806	17	31	30
Barley	34,237	21,545	21,545	21,545	62.9	62.9	62.9	277	359	359	26	33	33
Close-growing crops	338,750	265,657	265,657	265,657	78.4	78.4	78.4	3,126	4,849	4,325	24	37	33
Tame hay and cropland pasture	2,264,348	116,072	185,299	184,848	5.1	8.2	8.2	1,726	5,634	5,245	30	61	57
Improved permanent pasture	776,954	46,477	48,533	48,533	6.0	6.2	6.2	379	1,442	1,448	16	59	60
Hay and pasture	3,041,302	162,549	233,832	233,381	5.3	7.7	7.7	2,105	7,076	6,693	26	61	57
Total	4,822,120	1,565,397	1,670,929	1,670,442	32.5	34.7	34.6	24,410	39,308	36,392	31	47	44

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-38, PORTION IN:													
Indiana:													
Corn	2,337,186	2,263,153	2,263,153	2,263,153	96.8	96.8	96.8	39,932	48,648	56,641	35	43	50
Sorghum	6,150	5,966	5,966	5,966	97.0	97.0	97.0	78	89	101	26	30	34
Soybeans	990,543	155,302	388,255	388,255	15.7	39.2	39.2	582	5,435	5,824	7	28	30
Tobacco	172	172	172	172	100.0	100.0	100.0	8	15	23	93	174	267
Vegetables	44,531	40,747	40,747	40,747	91.5	91.5	91.5	986	1,153	1,153	48	57	57
Potatoes	355	344	344	344	96.9	96.9	96.9	10	18	18	58	105	105
Popcorn	7,805	7,571	7,571	7,571	97.0	97.0	97.0	121	140	151	32	37	40
Nursery and greenhouse	1,721	1,721	1,721	1,721	100.0	100.0	100.0	154	137	137	179	159	159
Small fruits	354	343	343	343	96.9	96.9	96.9	9	20	20	52	117	117
Tree fruits	4,682	3,746	3,746	3,746	80.0	80.0	80.0	300	112	112	160	60	60
Miscellaneous	10,856	2,714	2,714	2,714	25.0	25.0	25.0	14	52	52	10	38	38
Intertilled crops	3,404,355	2,481,779	2,714,732	2,714,732	72.9	79.7	79.7	42,194	55,819	64,232	34	41	47
Wheat	504,120	488,876	488,876	488,876	97.0	97.0	97.0	7,333	9,778	10,266	30	40	42
Rye	18,102	1,810	1,810	1,810	10.0	10.0	10.0	3	11	11	3	12	12
Oats	474,804	325,238	325,238	325,238	68.5	68.5	68.5	2,840	4,588	4,599	17	28	28
Barley	8,960	7,168	7,168	7,168	80.0	80.0	80.0	115	125	125	32	35	35
Seed crops	12,029	1,203	1,203	1,203	10.0	10.0	10.0	6	21	21	10	35	35
Close-growing crops	1,018,015	824,295	824,295	824,295	81.0	81.0	81.0	10,297	14,523	15,022	25	35	36
Tame hay and cropland pasture	1,179,300	26,846	89,486	89,486	2.3	7.6	7.6	492	2,192	2,506	37	49	56
Improved permanent pasture	370,555	18,344	18,344	18,344	5.0	5.0	5.0	64	358	312	7	39	34
Hay and pasture	1,549,856	45,190	107,830	107,830	2.9	7.0	7.0	556	2,550	2,818	25	47	52
Total	5,972,226	3,351,264	3,646,857	3,646,857	56.1	61.1	61.1	53,047	72,892	82,072	32	40	45
Ohio:													
Corn	1,090,024	1,052,139	1,052,139	1,052,139	96.5	96.5	96.5	17,705	25,230	19,598	34	48	37
Soybeans	284,296	73,394	91,743	91,743	25.8	32.3	32.3	272	1,398	1,054	7	30	23
Tobacco	3,704	3,704	3,704	3,704	100.0	100.0	100.0	128	259	387	69	140	209
Vegetables	19,049	10,207	10,207	10,207	53.6	53.6	53.6	396	396	396	78	78	78
Potatoes	2,127	1,739	1,739	1,739	81.8	81.8	81.8	26	104	104	30	120	120
Sweet potatoes	11	11	11	11	100.0	100.0	100.0	---	---	---	30	120	120
Popcorn	2,159	2,100	2,100	2,100	97.3	97.3	97.3	32	50	33	30	48	31
Nursery and greenhouse	3,282	2,954	2,954	2,954	90.0	90.0	90.0	146	146	146	99	99	99
Small fruits	299	220	220	44	73.6	73.6	14.7	6	6	---	55	55	10
Tree fruits	3,801	1,710	1,710	1,710	45.0	45.0	45.0	34	4	4	40	5	5
Miscellaneous	17,975	5,932	5,932	5,932	33.0	33.0	33.0	30	95	95	10	32	32
Intertilled crops	1,426,727	1,154,110	1,172,459	1,172,283	80.9	82.2	82.2	18,775	27,688	21,817	33	47	37
Wheat	351,141	348,523	348,523	348,523	99.3	99.3	99.3	3,048	5,687	4,696	17	33	27
Rye	5,850	3,744	3,744	3,744	64.0	64.0	64.0	19	75	38	10	40	20
Buckwheat	71	38	38	38	53.5	53.5	53.5	---	---	---	3	12	12
Oats	231,084	171,438	171,438	171,438	74.2	74.2	74.2	1,200	2,831	2,608	14	33	30
Barley	15,380	14,150	14,150	14,150	92.0	92.0	92.0	87	250	241	12	35	34
Close-growing crops	603,526	537,893	537,893	537,893	89.1	89.1	89.1	4,354	8,843	7,583	16	33	28
Tame hay and cropland pasture	788,999	4,660	58,256	57,091	0.6	7.4	7.2	107	1,800	1,722	46	62	60
Improved permanent pasture	340,366	8,650	15,570	15,570	2.5	4.6	4.6	272	347	344	63	45	44
Hay and pasture	1,129,365	13,310	73,826	72,661	1.2	6.5	6.4	379	2,147	2,066	57	58	57
Total	3,159,618	1,705,313	1,784,178	1,782,837	54.0	56.5	56.4	23,508	38,678	31,466	28	43	35
Total:													
Corn	3,427,210	3,315,292	3,315,292	3,315,292	96.7	96.7	96.7	57,637	73,878	76,239	35	45	46
Sorghum	6,150	5,966	5,966	5,966	97.0	97.0	97.0	78	89	101	26	30	34
Soybeans	1,274,839	228,696	479,998	479,998	17.9	37.7	37.7	854	6,833	6,878	7	28	29
Tobacco	3,876	3,876	3,876	3,876	100.0	100.0	100.0	136	274	410	70	141	212
Vegetables	63,580	50,954	50,954	50,954	80.1	80.1	80.1	1,382	1,549	1,549	54	61	61
Potatoes	2,482	2,083	2,083	2,083	83.9	83.9	83.9	36	122	122	35	117	117
Sweet potatoes	11	11	11	11	100.0	100.0	100.0	---	---	---	30	120	120
Popcorn	9,964	9,671	9,671	9,671	97.1	97.1	97.1	153	190	184	32	39	38
Nursery and greenhouse	5,003	4,675	4,675	4,675	93.4	93.4	93.4	300	283	283	128	121	121
Small fruits	653	563	563	387	86.2	86.2	59.3	15	26	20	53	92	103
Tree fruits	8,483	5,456	5,456	5,456	64.3	64.3	64.3	334	116	116	122	43	43
Miscellaneous	40,860	9,849	9,849	9,849	24.1	24.1	24.1	50	168	168	10	34	34
Intertilled crops	4,843,111	3,637,092	3,888,394	3,888,218	75.1	80.3	80.3	60,975	83,528	86,070	34	43	44
Wheat	855,261	837,399	837,399	837,399	97.9	97.9	97.9	10,381	15,465	14,962	25	37	36
Rye	23,952	5,554	5,554	5,554	23.2	23.2	23.2	22	86	49	8	31	18
Buckwheat	71	38	38	38	53.5	53.5	53.5	---	---	---	3	12	12
Oats	705,888	496,676	496,676	496,676	70.4	70.4	70.4	4,040	7,419	7,207	16	30	29
Barley	24,340	21,318	21,318	21,318	87.6	87.6	87.6	202	375	366	19	35	34
Close-growing crops	1,609,512	1,360,985	1,360,985	1,360,985	84.6	84.6	84.6	14,645	23,345	22,584	22	34	33

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	1,968,299	31,506	147,742	146,577	1.6	7.5	7.4	599	3,992	4,228	38	54	58
Improved permanent pasture	710,922	26,994	33,914	33,914	3.8	4.8	4.8	336	705	656	25	42	39
Hay and pasture	2,679,221	58,500	181,656	180,491	2.2	6.8	6.7	935	4,697	4,884	32	52	54
Total	9,131,844	5,056,577	5,431,035	5,429,694	55.4	59.5	59.5	76,555	111,570	113,538	30	41	42
ASR-39, PORTION IN:													
Indiana:													
Corn	1,192,877	1,123,953	1,123,953	1,123,953	94.2	94.2	94.2	20,594	20,804	26,413	37	37	47
Sorghum	2,465	2,317	2,317	2,317	94.0	94.0	94.0	45	46	52	39	40	45
Soybeans	577,288	96,984	242,461	242,461	16.8	42.0	42.0	377	3,420	3,664	8	28	30
Vegetables	19,364	17,842	17,842	17,842	92.1	92.1	92.1	574	727	802	64	81	90
Potatoes	3,916	3,877	3,877	3,877	99.0	99.0	99.0	52	207	345	27	107	178
Popcorn	13,419	12,614	12,614	12,614	94.0	94.0	94.0	233	240	271	37	38	43
Mint	7,960	7,721	7,721	7,721	97.0	97.0	97.0	39	147	147	10	38	38
Nursery and greenhouse	838	838	838	838	100.0	100.0	100.0	75	66	66	179	158	158
Small fruits	281	273	273	273	97.2	97.2	97.2	8	18	25	59	132	183
Tree fruits	2,603	911	911	911	35.0	35.0	35.0	73	36	55	160	79	121
Miscellaneous	5,936	1,484	1,484	1,484	25.0	25.0	25.0	7	28	28	9	38	38
Intertilled crops	1,826,947	1,268,814	1,414,291	1,414,291	69.4	77.4	77.4	22,077	25,739	31,868	35	36	45
Wheat	266,622	252,371	252,371	252,371	94.7	94.7	94.7	4,416	4,950	5,202	35	39	41
Rye	17,620	1,762	1,762	1,762	10.0	10.0	10.0	3	11	11	3	12	12
Oats	247,851	167,347	167,347	167,347	67.5	67.5	67.5	1,457	3,373	3,485	17	40	42
Barley	7,219	6,859	6,859	6,859	95.0	95.0	95.0	110	123	123	32	36	36
Seed crops	6,424	321	321	321	5.0	5.0	5.0	2	6	6	12	37	37
Close-growing crops	545,736	428,660	428,660	428,660	78.5	78.5	78.5	5,988	8,463	8,827	28	39	41
Tame hay and cropland pasture	671,078	23,933	79,776	79,776	3.6	11.9	11.9	199	2,025	2,105	17	51	53
Improved permanent pasture	143,871	11,340	11,340	11,340	7.9	7.9	7.9	62	193	244	11	34	43
Hay and pasture	814,949	35,273	91,116	91,116	4.3	11.2	11.2	261	2,218	2,349	15	49	52
Total	3,187,632	1,732,747	1,934,067	1,934,067	54.4	60.7	60.7	28,326	36,420	43,044	33	38	45
Michigan:													
Corn	540,485	472,289	472,289	472,289	87.4	87.4	87.4	6,628	9,210	8,276	28	39	35
Soybeans	79,957	15,192	15,991	15,991	19.0	20.0	20.0	7	280	272	1	35	34
Dry beans	986	655	690	690	66.4	70.0	70.0	3	12	12	9	35	35
Sugar beets	1,278	973	973	973	76.1	76.1	76.1	22	52	44	45	107	90
Vegetables	13,092	8,415	8,415	8,415	64.3	64.3	64.3	198	263	285	47	63	68
Potatoes	2,252	1,576	1,576	1,576	70.0	70.0	70.0	41	74	74	52	94	94
Popcorn	3,948	3,356	3,356	3,356	85.0	85.0	85.0	49	60	60	29	36	36
Mint	765	757	757	757	99.0	99.0	99.0	11	21	36	29	55	95
Nursery and greenhouse	1,541	1,526	1,526	1,526	99.0	99.0	99.0	15	15	15	20	20	20
Small fruits	847	551	496	496	65.1	58.6	58.6	13	7	7	47	28	28
Tree fruits	8,768	4,384	3,507	3,507	50.0	40.0	40.0	72	53	53	33	30	30
Miscellaneous	15,849	3,170	3,170	3,170	20.0	20.0	20.0	32	67	63	20	42	40
Intertilled crops	669,768	512,844	512,746	512,746	76.6	76.6	76.6	7,091	10,114	9,197	28	39	36
Wheat	189,397	177,893	177,893	177,893	93.9	93.9	93.9	1,601	3,914	3,825	18	44	43
Rye	5,491	3,569	3,569	3,569	65.0	65.0	65.0	20	62	62	11	35	35
Buckwheat	368	221	221	221	60.1	60.1	60.1	1	4	4	9	36	36
Oats	150,316	97,404	108,227	108,227	64.8	72.0	72.0	758	2,056	1,948	16	38	36
Barley	21,335	13,644	15,160	15,160	64.0	71.1	71.1	106	273	273	16	36	36
Wild hay	213	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	367,120	292,731	305,070	305,070	79.7	83.1	83.1	2,486	6,309	6,112	17	41	40
Tame hay and cropland pasture	430,033	18,535	20,594	18,535	4.3	4.8	4.3	247	453	412	27	44	44
Improved permanent pasture	118,747	2,821	2,508	2,508	2.4	2.1	2.1	31	55	49	22	44	39
Hay and pasture	548,780	21,356	23,102	21,043	3.9	4.2	3.8	278	508	461	26	44	44
Total	1,585,668	826,931	840,918	838,859	52.2	53.0	52.9	9,855	16,931	15,770	24	40	38
Ohio:													
Corn	1,375,720	1,295,740	1,295,740	1,295,740	94.2	94.2	94.2	20,497	28,256	24,046	32	44	37
Soybeans	930,971	122,091	152,613	152,613	13.1	16.4	16.4	453	2,171	1,899	7	28	25
Sugar beets	18,902	18,902	18,902	18,902	100.0	100.0	100.0	527	568	568	56	60	60
Vegetables	34,573	21,468	21,468	21,468	62.1	62.1	62.1	845	845	845	79	79	79
Potatoes	2,058	1,498	1,498	1,498	72.8	72.8	72.8	22	90	90	29	120	120
Sweet potatoes	2	2	2	2	100.0	100.0	100.0	---	---	---	30	120	120
Popcorn	10,472	9,923	9,923	9,923	94.8	94.8	94.8	149	238	156	30	48	31
Nursery and greenhouse	730	643	643	643	88.1	88.1	88.1	32	32	32	100	100	100
Small fruits	259	180	180	36	69.5	69.5	13.9	4	4	---	44	44	10
Tree fruits	6,253	2,189	2,189	2,189	35.0	35.0	35.0	44	5	5	40	5	5
Miscellaneous	78,135	21,976	21,976	21,976	28.1	28.1	28.1	112	355	355	10	32	32
Intertilled crops	2,458,075	1,494,612	1,525,134	1,524,990	60.8	62.0	62.0	22,685	32,564	27,996	30	43	37
Wheat	452,217	442,273	442,273	442,273	97.8	97.8	97.8	3,867	6,873	6,131	17	31	28
Rye	9,327	5,130	5,130	5,130	55.0	55.0	55.0	27	105	52	11	41	20
Buckwheat	497	199	199	199	40.0	40.0	40.0	---	1	1	3	10	10
Oats	475,409	319,167	319,167	319,167	67.1	67.1	67.1	2,234	5,270	4,855	14	33	30
Barley	13,556	11,523	11,523	11,523	85.0	85.0	85.0	71	204	196	12	35	34
Close-growing crops	951,006	778,292	778,292	778,292	81.8	81.8	81.8	6,199	12,453	11,235	16	32	29

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	764,798	5,593	69,905	68,507	0.7	9.1	9.0	128	1,800	1,963	46	51	57
Improved permanent pasture	185,035	6,389	11,498	11,498	3.5	6.2	6.2	213	247	269	67	43	47
Hay and pasture	949,833	11,982	81,403	80,005	1.3	8.6	8.4	341	2,047	2,232	57	50	56
Total	4,358,914	2,284,886	2,384,829	2,383,287	52.4	54.7	54.7	29,225	47,064	41,463	26	39	35
Total:													
Corn	3,109,082	2,891,982	2,891,982	2,891,982	93.0	93.0	93.0	47,719	58,270	58,735	33	40	41
Sorghum	2,465	2,317	2,317	2,317	94.0	94.0	94.0	45	46	52	39	40	45
Soybeans	1,588,216	234,267	411,065	411,065	14.8	25.9	25.9	837	5,871	5,835	7	29	28
Dry beans	986	655	690	690	66.4	70.0	70.0	3	12	12	9	35	35
Sugar beets	20,180	19,875	19,875	19,875	98.5	98.5	98.5	549	620	612	55	62	62
Vegetables	67,029	47,725	47,725	47,725	71.2	71.2	71.2	1,617	1,835	1,932	68	77	81
Potatoes	8,226	6,951	6,951	6,951	84.5	84.5	84.5	115	371	509	33	107	146
Sweet potatoes	2	2	2	2	100.0	100.0	100.0	---	---	---	30	120	120
Popcorn	27,839	25,893	25,893	25,893	93.0	93.0	93.0	431	538	487	33	42	38
Mint	8,725	8,478	8,478	8,478	97.2	97.2	97.2	50	168	183	12	40	43
Nursery and greenhouse	3,109	3,007	3,007	3,007	96.7	96.7	96.7	122	113	113	81	75	75
Small fruits	1,387	1,004	949	805	72.4	68.4	58.0	25	29	32	50	61	80
Tree fruits	17,624	7,484	6,607	6,607	42.5	37.5	37.5	189	94	113	51	28	34
Miscellaneous	106,344	26,951	26,951	26,951	25.3	25.3	25.3	153	456	452	11	34	34
Intertilled crops	4,961,214	3,276,591	3,452,492	3,452,348	66.0	69.6	69.6	51,855	68,423	69,067	32	40	40
Wheat	908,236	872,537	872,537	872,537	96.1	96.1	96.1	9,884	15,737	15,158	23	36	35
Rye	32,438	10,461	10,461	10,461	32.2	32.2	32.2	50	178	125	10	34	24
Buckwheat	865	420	420	420	48.6	48.6	48.6	1	5	5	5	24	24
Oats	873,576	583,918	594,741	594,741	66.8	68.1	68.1	4,449	10,699	10,288	15	36	35
Barley	42,110	32,026	33,542	33,542	76.1	79.7	79.7	287	600	592	18	36	35
Wild hay	213	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,857,438	1,499,362	1,511,701	1,511,701	80.7	81.4	81.4	14,671	27,219	26,168	20	36	35
Tame hay and cropland pasture	1,865,909	48,061	170,275	166,818	2.5	9.1	8.9	574	4,278	4,480	24	50	54
Improved permanent pasture	447,653	20,550	25,346	25,346	4.6	5.7	5.7	306	495	562	30	39	44
Hay and pasture	2,313,562	68,611	195,621	192,164	3.0	8.5	8.3	880	4,773	5,042	26	49	52
Total	9,132,214	4,844,564	5,159,814	5,156,213	53.0	56.5	56.5	67,406	100,415	100,277	28	39	39
ASR-40, PORTION IN:													
Michigan:													
Corn	1,045,423	957,526	957,526	957,526	91.6	91.6	91.6	12,927	19,148	16,757	27	40	35
Soybeans	138,080	78,706	82,848	82,848	57.0	60.0	60.0	332	1,367	1,284	8	33	31
Dry beans	485,970	364,720	383,916	383,916	75.0	79.0	79.0	1,536	6,527	6,143	8	34	32
Sugar beets	69,467	68,766	68,766	68,766	99.0	99.0	99.0	1,582	3,713	3,094	46	108	90
Vegetables	75,980	56,985	56,985	56,985	75.0	75.0	75.0	1,471	1,764	1,977	52	62	69
Potatoes	23,592	23,120	23,120	23,120	98.0	98.0	98.0	855	1,514	1,572	74	131	136
Popcorn	288	288	288	288	100.0	100.0	100.0	4	5	5	28	35	35
Mint	4,832	4,784	4,784	4,784	99.0	99.0	99.0	72	132	227	30	55	95
Nursery and greenhouse	5,752	5,694	5,694	5,694	99.0	99.0	99.0	77	77	77	27	27	27
Small fruits	1,833	1,192	1,073	1,073	65.0	58.5	58.5	27	21	21	45	39	39
Tree fruits	25,281	16,433	13,146	13,146	65.0	52.0	52.0	371	197	197	33	30	30
Miscellaneous	24,283	7,042	7,042	7,042	29.0	29.0	29.0	70	148	141	20	42	40
Intertilled crops	1,900,781	1,585,256	1,605,188	1,605,188	83.4	84.4	84.4	19,224	34,613	31,495	24	43	39
Wheat	708,782	665,772	665,772	665,772	93.9	93.9	93.9	5,992	14,647	13,981	18	44	42
Rye	20,971	15,728	15,728	15,728	75.0	75.0	75.0	79	267	267	10	34	34
Buckwheat	4,485	2,691	2,691	2,691	60.0	60.0	60.0	13	46	46	10	34	34
Oats	455,335	367,611	408,457	408,457	80.7	89.7	89.7	2,451	7,556	7,352	13	37	36
Barley	43,154	31,847	35,386	35,386	73.8	82.0	82.0	230	655	637	14	37	36
Wild hay	3,302	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,2.0,029	1,083,649	1,128,034	1,128,034	87.7	91.3	91.3	8,765	23,171	22,283	16	41	40
Tame hay and cropland pasture	1,455,160	135,994	151,105	135,994	9.3	10.4	9.3	1,738	3,400	2,947	26	45	43
Improved permanent pasture	287,358	13,037	11,589	11,589	4.5	4.0	4.0	145	254	232	22	44	40
Hay and pasture	1,742,518	149,031	162,694	147,583	8.6	9.3	8.5	1,883	3,654	3,179	25	45	43
Total	4,879,328	2,817,936	2,895,916	2,880,805	57.8	59.4	59.1	29,872	61,438	56,957	21	42	40
Ohio:													
Corn	26,693	26,693	26,693	26,693	100.0	100.0	100.0	546	763	647	41	57	48
Soybeans	28,285	6,308	7,885	7,885	22.3	27.9	27.9	21	97	83	7	25	21
Sugar beets	1,356	1,356	1,356	1,356	100.0	100.0	100.0	38	41	41	56	60	60
Vegetables	5,132	3,649	3,649	3,649	71.1	71.1	71.1	145	145	145	79	79	79
Potatoes	591	325	325	325	55.0	55.0	55.0	5	20	20	31	123	123
Popcorn	111	94	94	94	84.7	84.7	84.7	1	2	1	21	43	21
Nursery and greenhouse	314	236	236	236	75.2	75.2	75.2	12	12	12	102	102	102
Small fruits	43	26	26	5	60.5	60.5	11.6	---	---	---	50	50	10
Tree fruits	695	199	199	199	28.6	28.6	28.6	4	---	---	40	5	5
Miscellaneous	783	175	175	175	22.3	22.3	22.3	1	3	3	11	34	34
Intertilled crops	64,003	39,061	40,638	40,617	61.0	63.5	63.5	773	1,083	952	40	53	47

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	7,106	7,106	7,106	7,106	100.0	100.0	100.0	67	110	93	19	31	26
Rye	402	121	121	121	32.6	32.6	32.6	---	2	1	10	33	17
Buckwheat	49	15	15	15	30.6	30.6	30.6	---	---	---	3	12	12
Oats	6,428	2,883	2,883	2,883	44.9	44.9	44.9	20	48	43	14	33	30
Barley	122	85	85	85	69.7	69.7	69.7	---	1	1	12	24	24
Close-growing crops	14,107	10,210	10,210	10,210	72.4	72.4	72.4	87	161	138	17	32	27
Tame hay and cropland pasture	6,094	102	1,280	1,254	1.7	21.0	20.6	3	41	43	59	64	69
Improved permanent pasture	557	40	72	72	7.2	12.9	12.9	1	1	2	50	28	56
Hay and pasture	6,651	142	1,352	1,326	2.1	20.3	19.9	4	42	45	56	62	68
Total	84,761	49,413	52,200	52,153	58.3	61.6	61.5	864	1,286	1,135	35	49	44
Total:													
Corn	1,072,116	984,219	984,219	984,219	91.8	91.8	91.8	13,473	19,911	17,404	27	40	35
Soybeans	166,365	85,014	90,733	90,733	51.1	54.5	54.5	353	1,464	1,367	8	32	30
Dry beans	485,970	364,720	383,916	383,916	75.0	79.0	79.0	1,536	6,527	6,143	8	34	32
Sugar beets	70,823	70,122	70,122	70,122	99.0	99.0	99.0	1,620	3,754	3,135	46	107	89
Vegetables	81,112	60,634	60,634	60,634	74.8	74.8	74.8	1,616	1,909	2,122	53	63	70
Potatoes	24,183	23,445	23,445	23,445	96.9	96.9	96.9	860	1,534	1,592	73	131	136
Popcorn	399	382	382	382	95.7	95.7	95.7	5	7	6	26	37	31
Mint	4,832	4,784	4,784	4,784	99.0	99.0	99.0	72	132	227	30	55	95
Nursery and greenhouse	6,066	5,930	5,930	5,930	97.8	97.8	97.8	89	89	89	30	30	30
Small fruits	1,876	1,218	1,099	1,078	64.9	58.6	57.5	27	21	21	44	38	39
Tree fruits	25,976	16,632	13,345	13,345	64.0	51.4	51.4	275	197	197	33	30	30
Miscellaneous	25,066	7,217	7,217	7,217	28.8	28.8	28.8	71	151	144	20	42	40
Intertilled crops	1,964,784	1,624,317	1,645,826	1,645,805	82.7	83.8	83.8	19,997	35,696	32,447	25	43	39
Wheat	715,888	672,878	672,878	672,878	94.0	94.0	94.0	6,059	14,757	14,074	18	44	42
Rye	21,373	15,849	15,849	15,849	74.2	74.2	74.2	79	269	268	10	34	34
Buckwheat	4,534	2,706	2,706	2,706	59.7	59.7	59.7	13	46	46	10	34	34
Oats	461,763	370,494	411,340	411,340	80.2	89.1	89.1	2,471	7,604	7,395	13	37	36
Barley	43,276	31,932	35,471	35,471	73.8	82.0	82.0	230	656	638	14	37	36
Wild hay	3,302	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,250,136	1,093,859	1,138,244	1,138,244	87.5	91.0	91.0	8,852	23,332	22,421	16	41	39
Tame hay and cropland pasture	1,461,254	136,096	152,385	137,248	9.3	10.4	9.4	1,741	3,441	2,990	26	45	44
Improved permanent pasture	287,915	13,077	11,661	11,661	4.5	4.1	4.1	146	255	234	22	44	40
Hay and pasture	1,749,169	149,173	164,046	148,909	8.5	9.4	8.5	1,887	3,696	3,224	25	45	43
Total	4,964,089	2,867,349	2,948,116	2,932,958	57.8	59.4	59.1	30,736	62,724	58,092	21	43	40
ASR-41, PORTION IN:													
Michigan:													
Corn	257,314	213,837	213,837	213,837	83.1	83.1	83.1	3,101	4,063	3,956	29	38	37
Soybeans	9,982	4,172	4,392	4,392	41.8	44.0	44.0	18	70	70	9	32	32
Dry beans	2,586	1,720	1,810	1,810	66.5	70.0	70.0	8	33	33	9	36	36
Vegetables	42,197	30,920	30,920	30,920	73.3	73.3	73.3	1,105	1,215	1,464	71	79	95
Potatoes	5,053	4,777	4,777	4,777	94.5	94.5	94.5	201	339	389	84	142	163
Popcorn	1,165	1,107	1,107	1,107	95.0	95.0	95.0	15	20	20	27	36	36
Mint	239	237	237	237	99.2	99.2	99.2	4	7	11	34	59	93
Nursery and greenhouse	5,256	4,993	4,993	4,993	95.0	95.0	95.0	137	137	137	55	55	55
Small fruits	17,207	11,185	10,066	10,066	65.0	58.5	58.5	336	252	280	60	50	56
Tree fruits	154,424	100,376	80,301	80,301	65.0	52.0	52.0	3,112	2,258	2,258	62	56	56
Miscellaneous	6,634	1,924	1,924	1,924	29.0	29.0	29.0	19	38	38	20	40	40
Intertilled crops	502,057	375,248	354,364	354,364	74.7	70.6	70.6	8,056	8,432	8,656	43	48	49
Wheat	111,746	92,628	92,628	92,628	82.9	82.9	82.9	834	1,992	1,992	18	43	43
Rye	11,426	7,998	7,998	7,998	70.0	70.0	70.0	44	140	140	11	35	35
Buckwheat	683	410	410	410	60.0	60.0	60.0	2	7	7	10	34	34
Oats	91,704	63,639	70,710	70,710	69.4	77.1	77.1	460	1,343	1,310	14	38	37
Barley	11,919	8,045	8,939	8,939	67.5	75.0	75.0	72	170	170	18	38	38
Wild hay	1,375	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	228,853	172,720	180,685	180,685	75.5	79.0	79.0	1,412	3,652	3,619	16	40	40
Tame hay and cropland pasture	426,293	30,812	34,235	30,812	7.2	8.0	7.2	411	736	685	27	43	44
Improved permanent pasture	109,497	2,938	2,612	2,612	2.7	2.4	2.4	42	72	65	29	55	50
Hay and pasture	535,790	33,750	36,847	33,424	6.3	6.9	6.2	453	808	750	27	44	45
Total	1,266,700	581,718	571,896	568,473	45.9	45.1	44.9	9,921	12,892	13,025	34	45	46
ASR-42, PORTION IN:													
Illinois:													
Corn	392,659	159,401	270,982	270,982	40.6	69.0	69.0	4,758	6,195	8,997	60	46	66
Sorghum	2,361	708	1,204	1,204	30.0	51.0	51.0	11	30	12	31	50	20
Soybeans	229,868	18,814	31,985	31,985	8.2	13.9	13.9	47	959	1,279	5	60	80
Vegetables	2,449	1,568	1,568	1,568	64.0	64.0	64.0	21	62	37	27	79	47
Potatoes	23	21	21	21	91.3	91.3	91.3	---	1	1	41	95	95
Sweet potatoes	8	6	6	6	75.0	75.0	75.0	---	---	---	15	100	100
Popcorn	7,679	2,953	4,985	4,985	38.5	64.9	64.9	79	126	126	54	51	51

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Nursery and greenhouse	51	16	16	16	31.4	31.4	31.4	1	1	1	125	125	125
Small fruits	61	61	61	61	100.0	100.0	100.0	1	---	---	33	100	100
Tree fruits	675	675	675	675	100.0	100.0	100.0	21	5	5	62	15	15
Intertilled crops	635,834	184,223	311,503	311,503	29.0	49.0	49.0	4,939	7,379	10,458	54	47	67
Wheat	125,346	51,678	87,853	87,853	41.2	70.1	70.1	588	2,644	3,165	23	60	72
Rye	7,154	429	729	729	6.0	10.2	10.2	6	18	24	28	49	66
Oats	7,788	350	596	596	4.5	7.7	7.7	3	23	21	17	77	70
Barley	7,837	1,368	2,326	2,326	17.5	29.7	29.7	11	70	70	16	60	60
Seed crops	10,193	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	158,318	53,825	91,504	91,504	34.0	57.8	57.8	608	2,755	3,280	23	60	72
Tame hay and cropland pasture	179,800	---	12,073	12,073	---	6.7	6.7	---	182	530	---	30	88
Improved permanent pasture	49,391	---	1,143	1,143	---	2.3	2.3	---	17	47	---	30	82
Hay and pasture	229,191	---	13,216	13,216	---	5.8	5.8	---	199	577	---	30	87
Total	1,023,343	238,048	416,223	416,223	23.3	40.7	40.7	5,547	10,333	14,315	47	50	69
Indiana:													
Corn	727,307	631,624	631,624	631,624	86.8	86.8	86.8	11,352	14,534	16,213	36	46	51
Sorghum	13,123	9,186	9,186	9,186	70.0	70.0	70.0	138	165	174	30	36	38
Soybeans	421,945	28,917	72,292	72,292	6.9	17.1	17.1	72	795	868	5	22	24
Tobacco	390	378	378	378	96.9	96.9	96.9	17	34	51	90	180	270
Vegetables	14,425	9,231	9,231	9,231	64.0	64.0	64.0	401	258	262	87	56	57
Potatoes	374	337	337	337	90.1	90.1	90.1	13	14	21	77	83	125
Popcorn	3,496	2,867	2,867	2,867	82.0	82.0	82.0	43	52	56	30	36	39
Nursery and greenhouse	1,311	1,180	1,180	1,180	90.0	90.0	90.0	106	94	94	180	159	159
Small fruits	172	158	158	158	91.9	91.9	91.9	5	11	11	63	139	139
Tree fruits	4,930	1,380	1,380	1,380	28.0	28.0	28.0	110	52	52	159	75	75
Intertilled crops	1,187,473	685,258	728,633	728,633	57.7	61.4	61.4	12,257	16,009	17,802	36	44	49
Wheat	222,509	199,412	199,412	199,412	89.6	89.6	89.6	2,991	3,988	4,188	30	40	42
Rye	16,630	1,663	1,663	1,663	10.0	10.0	10.0	3	13	13	4	16	16
Oats	27,891	14,848	14,848	14,848	53.2	53.2	53.2	111	282	282	15	38	38
Barley	16,139	13,718	13,718	13,718	85.0	85.0	85.0	192	247	247	28	36	36
Close-growing crops	283,169	229,641	229,641	229,641	81.1	81.1	81.1	3,297	4,530	4,730	29	39	41
Tame hay and cropland pasture	399,002	14,632	36,580	36,580	3.7	9.2	9.2	311	860	969	43	47	53
Improved permanent pasture	176,914	10,372	10,372	10,372	5.9	5.9	5.9	67	197	197	13	38	38
Hay and pasture	575,916	25,004	46,952	46,952	4.3	8.2	8.2	378	1,057	1,166	30	45	50
Total	2,046,558	939,903	1,005,226	1,005,226	45.9	49.1	49.1	15,932	21,596	23,698	34	43	47
Kentucky:													
Corn	223,229	183,308	183,308	183,308	82.1	82.1	82.1	2,252	2,275	1,752	25	25	19
Sorghum	1,979	1,145	1,145	1,145	57.9	57.9	57.9	26	13	16	45	23	28
Soybeans	93,075	---	8,287	8,287	---	8.9	8.9	---	100	117	---	24	28
Cowpeas	30	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	8,050	7,760	7,760	7,760	96.4	96.4	96.4	339	578	593	87	149	153
Vegetables	3,068	2,185	2,185	2,185	71.2	71.2	71.2	53	27	33	49	25	30
Potatoes	134	82	82	82	61.2	61.2	61.2	1	1	1	24	24	24
Popcorn	36	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	30	25	---	---	83.3	---	---	1	---	---	80	---	---
Small fruits	28	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	742	231	---	---	31.1	---	---	5	---	---	43	---	---
Miscellaneous	2,466	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	332,867	194,736	202,767	202,767	58.5	60.9	60.9	2,677	2,994	2,512	27	30	25
Wheat	21,734	17,295	17,295	17,295	79.6	79.6	79.6	150	211	131	17	24	15
Rye	1,410	62	62	62	44.0	44.0	44.0	1	1	1	32	32	32
Oats	1,033	---	---	---	---	---	---	---	---	---	---	---	---
Barley	4,537	808	808	808	17.8	17.8	17.8	19	9	11	47	22	27
Close-growing crops	28,714	18,165	18,165	18,615	63.3	63.3	63.3	170	221	143	19	24	16
Tame hay and cropland pasture	281,559	25,492	25,492	25,492	9.1	9.1	9.1	156	656	620	12	51	49
Improved permanent pasture	31,866	6,560	6,560	6,560	20.6	20.6	20.6	38	188	188	12	57	57
Hay and pasture	313,425	32,052	32,052	32,052	10.2	10.2	10.2	194	844	808	12	53	50
Total	675,006	244,953	252,984	252,984	36.3	37.5	37.5	3,041	4,059	3,463	25	32	27
Total:													
Corn	1,343,195	974,333	1,085,914	1,085,914	72.5	80.8	80.8	18,362	23,004	26,962	38	42	50
Sorghum	17,463	11,039	11,535	11,535	63.2	66.1	66.1	175	208	202	32	36	35
Soybeans	744,888	47,731	112,564	112,564	6.4	15.1	15.1	119	1,854	2,264	5	33	40
Cowpeas	30	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	8,440	8,138	8,138	8,138	96.4	96.4	96.4	355	612	644	87	150	158
Vegetables	19,942	12,984	12,984	12,984	65.1	65.1	65.1	475	347	332	73	53	51
Potatoes	539	446	446	446	82.7	82.7	82.7	14	16	23	63	72	103
Popcorn	11,211	5,820	7,852	7,852	51.9	70.0	70.0	122	178	182	42	45	46
Nursery and greenhouse	1,392	1,221	1,196	1,196	87.7	85.9	85.9	108	95	95	177	159	159

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Small fruits	261	219	219	219	83.9	83.9	83.9	6	11	11	55	100	100
Tree fruits	6,347	2,286	2,055	2,055	36.0	32.4	32.4	136	57	57	119	55	55
Miscellaneous	2,466	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	2,156,174	1,064,217	1,242,903	1,242,903	49.4	57.6	57.6	19,873	26,382	30,772	37	42	50
Wheat	369,589	268,385	304,560	304,560	72.6	82.4	82.4	3,729	6,843	7,484	28	45	49
Rye	25,194	2,154	2,454	2,454	8.5	9.7	9.7	10	32	38	9	26	31
Oats	36,712	15,198	15,444	15,444	41.4	42.1	42.1	114	305	303	15	39	39
Barley	28,513	15,894	16,852	16,852	55.7	59.1	59.1	222	326	328	28	39	39
Seed crops	10,193	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	470,201	301,631	339,310	339,310	64.1	72.2	72.2	4,075	7,506	8,153	27	44	48
Tame hay and cropland pasture	860,361	40,124	74,145	74,145	4.7	8.6	8.6	467	1,698	2,119	23	46	57
Improved permanent pasture	258,171	16,932	18,075	18,075	6.6	7.0	7.0	105	402	432	12	44	48
Hay and pasture	1,118,532	57,056	92,220	92,220	5.1	8.2	8.2	572	2,100	2,551	20	46	55
Total	3,744,907	1,422,904	1,674,433	1,674,433	38.0	44.7	44.7	24,520	35,988	41,476	34	43	50
ASR-43, PORTION IN:													
Kentucky:													
Corn	443,175	393,807	393,807	393,807	88.9	88.9	88.9	5,937	6,370	4,936	30	32	25
Sorghum	20,066	17,320	17,320	17,320	86.3	86.3	86.3	212	368	354	24	42	41
Soybeans	45,246	---	6,470	6,470	---	14.3	14.3	---	144	138	---	45	43
Cowpeas	368	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	8,462	8,427	8,427	8,427	99.6	99.6	99.6	107	186	183	25	44	43
Tobacco	34,995	34,995	34,995	34,995	100.0	100.0	100.0	1,832	3,526	4,385	105	202	251
Vegetables	13,154	11,839	11,839	11,839	90.0	90.0	90.0	153	260	246	26	44	42
Potatoes	770	716	716	716	93.0	93.0	93.0	8	15	15	22	42	42
Popcorn	10,420	9,685	9,685	9,685	92.9	82.9	92.9	104	207	193	21	43	40
Nursery and greenhouse	272	272	272	272	100.0	100.0	100.0	3	6	6	22	44	44
Small fruits	584	581	581	581	99.5	99.5	99.5	6	12	12	21	41	41
Tree fruits	4,939	2,296	---	---	46.5	---	---	35	---	---	22	---	---
Miscellaneous	31,175	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	613,626	479,938	484,112	484,112	78.2	78.9	78.9	8,387	11,094	10,468	35	46	43
Wheat	72,407	69,569	69,569	69,569	96.1	96.1	96.1	720	1,414	1,038	21	41	30
Rye	1,832	122	122	122	6.7	6.7	6.7	1	3	3	16	49	49
Oats	19,301	965	965	965	5.0	5.0	5.0	10	20	20	21	41	41
Barley	29,937	8,981	8,981	8,981	30.0	30.0	30.0	97	196	182	22	44	41
Close-growing crops	123,477	79,637	79,637	79,637	64.5	64.5	64.5	828	1,633	1,243	21	41	31
Tame hay and cropland pasture	1,036,075	103,914	103,914	103,914	10.0	10.0	10.0	559	3,476	4,990	11	67	96
Improved permanent pasture	118,126	32,224	32,224	32,224	27.3	27.3	27.3	169	1,126	938	10	70	58
Hay and pasture	1,154,201	136,138	136,138	136,138	11.8	11.8	11.8	728	4,602	5,928	11	68	87
Total	1,891,304	695,713	699,887	699,887	36.8	37.0	37.0	9,943	17,329	17,639	29	50	50
Tennessee:													
Corn	83,213	74,463	74,463	74,463	89.5	89.5	89.5	1,546	1,265	1,243	42	34	33
Sorghum	5,848	2,220	2,220	2,220	38.0	38.0	38.0	10	23	23	9	21	21
Soybeans	1,665	420	600	600	25.2	36.0	36.0	2	10	10	10	33	33
Cowpeas	256	50	50	50	19.5	19.5	19.5	---	1	1	4	40	40
Cotton	1	1	1	1	100.0	100.0	100.0	---	---	---	---	---	---
Tobacco	17,693	17,037	17,037	17,037	96.3	96.3	96.3	616	1,191	1,267	72	140	149
Vegetables	4,890	1,360	1,360	1,360	27.8	27.8	27.8	17	26	20	25	38	29
Potatoes	163	130	130	130	79.8	79.8	79.8	2	3	3	31	46	46
Sweet potatoes	134	100	100	100	74.6	74.6	74.6	2	2	2	40	40	40
Popcorn	250	100	100	100	40.0	40.0	40.0	1	2	2	20	40	40
Nursery and greenhouse	61	50	50	50	82.0	82.0	82.0	1	1	1	40	40	40
Small fruits	652	325	325	325	49.8	49.8	49.8	2	6	4	12	31	25
Tree fruits	635	160	160	160	25.2	25.2	25.2	1	2	1	13	25	13
Miscellaneous	11,257	3,953	3,953	3,953	35.1	35.1	35.1	28	84	56	14	42	28
Intertilled crops	126,719	100,369	100,549	100,549	79.2	79.3	79.3	2,228	2,616	2,633	44	52	52
Wheat	28,167	27,086	27,086	27,086	96.2	96.2	96.2	431	427	395	32	32	29
Rye	990	300	300	300	30.3	30.3	30.3	2	4	2	13	27	13
Oats	12,331	6,100	6,100	6,100	49.5	49.5	49.5	85	92	92	28	30	30
Barley	6,286	3,100	3,100	3,100	49.3	49.3	49.3	43	45	24	28	29	15
Close-growing crops	47,774	36,586	36,586	36,586	76.6	76.6	76.6	561	568	513	31	31	28
Tame hay and cropland pasture	278,537	28,806	39,094	37,037	10.3	14.0	13.3	604	922	810	42	47	44
Improved permanent pasture	85,769	7,518	10,203	9,666	8.8	11.9	11.3	66	206	182	18	40	38
Hay and pasture	364,306	36,324	49,297	46,703	10.0	13.5	12.8	670	1,128	992	37	46	42
Total	538,799	173,279	186,432	183,838	32.2	34.6	34.1	3,459	4,312	4,138	40	46	45
Total:													
Corn	526,389	468,270	468,270	468,270	89.0	89.0	89.0	7,483	7,635	6,179	32	33	26
Sorghum	25,914	19,540	19,540	19,540	75.4	75.4	75.4	222	391	377	23	40	39
Soybeans	46,911	420	7,070	7,070	0.9	15.1	15.1	2	154	148	10	44	42

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Cowpeas	624	50	50	50	8.0	8.0	8.0	---	1	1	4	40	40
Cotton	8,463	8,428	8,428	8,428	99.6	99.6	99.6	107	186	183	25	44	43
Tobacco	52,688	52,032	52,032	52,032	98.8	98.8	98.8	2,448	4,717	5,652	94	181	217
Vegetables	18,044	13,199	13,199	13,199	73.1	73.1	73.1	170	286	266	26	43	40
Potatoes	1,067	946	946	946	88.7	88.7	88.7	12	20	20	25	42	42
Popcorn	10,670	9,785	9,785	9,785	91.7	91.7	91.7	105	209	195	21	43	40
Nursery and greenhouse	333	322	322	322	96.7	96.7	96.7	4	7	7	24	43	43
Small fruits	1,236	906	906	906	73.3	73.3	73.3	8	18	16	17	40	35
Tree fruits	5,574	2,456	160	160	44.1	2.9	2.9	26	2	1	21	25	13
Miscellaneous	42,432	3,953	3,953	3,953	9.3	9.3	9.3	28	84	56	14	42	28
Intertilled crops	740,345	580,307	584,661	584,661	78.4	79.0	79.0	10,615	13,710	13,101	37	47	45
Wheat	100,574	96,655	96,655	96,655	96.1	96.1	96.1	1,151	1,841	1,433	24	38	30
Rye	2,822	422	422	422	15.0	15.0	15.0	3	7	5	14	33	24
Oats	31,632	7,065	7,065	7,065	22.3	22.3	22.3	95	112	112	27	32	32
Barley	36,223	12,081	12,081	12,081	33.4	33.4	33.4	140	241	206	23	40	34
Close-growing crops	171,251	116,223	116,223	116,223	67.9	67.9	67.9	1,389	2,201	1,756	24	38	30
Tame hay and cropland pasture	1,314,612	132,720	143,008	140,951	10.1	10.9	10.7	1,163	4,398	5,800	18	62	82
Improved permanent pasture	203,895	39,742	42,427	41,890	19.5	20.8	20.5	235	1,332	1,120	12	63	53
Hay and pasture	1,518,507	172,462	185,435	182,841	11.4	12.2	12.0	1,398	5,730	6,920	16	62	76
Total	2,430,103	868,992	886,319	883,725	35.8	36.5	36.4	13,402	21,641	21,777	31	49	49
ASR-44, PORTION IN:													
Tennessee:													
Corn	190,244	123,426	74,056	111,083	64.9	38.9	58.4	2,723	1,305	1,807	44	35	33
Sorghum	21,276	4,200	3,780	3,990	19.7	17.8	18.8	53	46	52	25	24	26
Soybeans	8,958	1,350	2,565	2,565	15.1	28.6	28.6	11	48	47	16	37	37
Cowpeas	790	100	190	190	12.7	24.1	24.1	1	2	2	20	21	21
Cotton	19,505	18,500	17,575	18,500	94.8	90.1	94.8	428	376	360	46	43	39
Tobacco	12,034	11,581	11,349	11,581	96.2	94.3	96.2	416	544	742	72	96	128
Vegetables	13,700	4,379	4,379	4,379	32.0	32.0	32.0	66	113	94	30	52	43
Potatoes	441	400	400	400	90.7	90.7	90.7	5	8	8	25	40	40
Sweet potatoes	556	500	500	500	89.9	89.9	89.9	5	8	8	20	32	32
Popcorn	14	10	10	10	71.4	71.4	71.4	---	---	---	28	28	28
Nursery and greenhouse	335	250	250	250	74.6	74.6	74.6	5	7	6	40	56	48
Small fruits	107	20	20	20	18.7	18.7	18.7	---	---	---	20	30	30
Tree fruits	1,320	260	260	260	19.7	19.7	19.7	2	4	3	15	31	23
Intertilled crops	269,280	164,976	115,334	153,728	61.3	42.8	57.1	3,715	2,461	3,129	45	43	41
Wheat	39,655	21,304	16,819	17,940	69.5	54.9	58.5	348	184	232	33	22	26
Rye	3,690	1,425	1,125	1,200	38.6	30.5	32.5	18	14	14	25	25	23
Oats	28,926	13,775	10,875	11,600	47.6	37.6	40.1	215	110	110	31	20	19
Barley	19,104	9,025	7,125	7,600	47.2	37.3	39.8	137	76	76	30	21	20
Close-growing crops	82,375	45,529	35,944	38,340	55.3	43.6	46.5	718	384	432	32	21	23
Tame hay and cropland pasture	993,303	59,670	51,146	76,719	6.0	5.1	7.7	796	1,211	1,980	27	47	52
Improved permanent pasture	406,536	20,534	23,693	28,432	5.1	5.8	7.0	235	543	692	23	46	49
Hay and pasture	1,399,839	80,204	74,839	105,151	5.7	5.3	7.5	1,031	1,754	2,672	26	47	51
Total	1,751,494	290,709	226,117	297,219	16.6	12.9	17.0	5,464	4,599	6,233	38	41	42
ASR-45, PORTION IN:													
Alabama:													
Corn	545,078	529,451	529,851	529,851	97.2	97.2	97.2	9,387	8,800	8,000	35	33	30
Sorghum	14,731	8,839	8,839	8,839	60.0	60.0	60.0	204	112	112	46	25	25
Soybeans	30,881	---	19,488	19,488	---	63.1	63.1	---	366	366	---	38	38
Cowpeas	3,714	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	555	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	313,980	312,873	312,873	312,873	99.6	99.6	99.6	7,820	7,820	7,820	50	50	50
Sugarcane	234	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	26,906	18,300	18,300	18,300	68.0	68.0	68.0	1,202	1,202	1,202	131	131	131
Potatoes	3,650	3,650	3,650	3,650	100.0	100.0	100.0	221	365	365	121	200	200
Sweet potatoes	3,664	3,664	3,664	3,664	100.0	100.0	100.0	99	99	99	54	54	54
Nursery and greenhouse	2,579	2,579	2,579	2,579	100.0	100.0	100.0	77	154	154	60	119	119
Small fruits	520	520	520	520	100.0	100.0	100.0	26	26	26	100	100	100
Tree fruits	4,920	2,460	2,460	2,460	50.0	50.0	50.0	63	63	63	51	51	51
Intertilled crops	951,412	882,736	902,224	902,224	94.8	94.8	94.8	19,099	19,007	18,207	43	42	42
Wheat	26,998	17,550	17,550	17,550	65.0	65.0	65.0	379	242	242	43	28	28
Oats	23,505	14,103	14,103	14,103	60.0	60.0	60.0	282	141	141	40	20	20
Close-growing crops	50,503	31,653	31,653	31,653	62.7	62.7	62.7	661	383	383	42	24	24
Tame hay and cropland pasture	385,359	106,531	106,531	106,531	27.6	27.6	27.6	959	959	959	18	18	18
Improved permanent pasture	267,360	43,659	43,659	43,659	16.3	16.3	16.3	305	742	437	14	34	20
Hay and pasture	652,719	150,190	150,190	150,190	23.0	23.0	23.0	1,264	1,701	1,396	17	23	19
Total	1,654,634	1,064,579	1,084,067	1,084,067	65.5	65.5	65.5	21,024	21,091	19,986	39	39	37

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-46, PORTION IN:													
Alabama:													
Corn	229,937	221,078	221,078	221,078	96.1	96.1	96.1	3,205	3,240	2,946	29	29	27
Sorghum	7,236	3,618	3,618	3,618	50.0	50.0	50.0	72	36	36	40	20	20
Soybeans	3,258	---	2,015	2,015	---	61.8	61.8	---	40	40	---	40	40
Cowpeas	2,392	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	1,445	---	1,012	1,012	---	70.0	70.0	---	15	15	---	30	30
Cotton	105,993	99,939	99,939	99,939	94.3	94.3	94.3	2,500	2,500	2,500	50	50	50
Sugarcane	296	296	296	296	100.0	100.0	100.0	8	8	8	54	54	54
Vegetables	19,520	14,723	14,723	14,723	75.4	75.4	75.4	939	939	939	128	128	128
Potatoes	263	263	263	263	100.0	100.0	100.0	17	26	26	129	198	198
Sweet potatoes	1,297	649	649	649	50.0	50.0	50.0	20	20	20	62	62	62
Nursery and greenhouse	288	288	288	288	100.0	100.0	100.0	8	17	17	56	118	118
Small fruits	181	181	181	181	100.0	100.0	100.0	9	9	9	99	99	99
Tree fruits	14,307	10,015	10,015	10,015	70.0	70.0	70.0	255	255	255	51	51	51
Miscellaneous	3,559	1,780	1,780	1,780	50.0	50.0	50.0	27	54	54	30	61	61
Intertilled crops	389,972	352,830	355,857	355,857	90.5	91.3	91.3	7,060	7,159	6,865	40	40	39
Wheat	2,625	1,313	1,313	1,313	50.0	50.0	50.0	26	13	13	40	20	20
Oats	11,865	5,933	5,933	5,933	50.0	50.0	50.0	122	61	61	41	21	21
Close-growing crops	14,490	7,246	7,246	7,246	50.0	50.0	50.0	148	74	74	41	20	20
Tame hay and cropland pasture	247,768	71,494	71,494	71,494	28.9	28.9	28.9	751	751	751	21	21	21
Improved permanent pasture	257,141	41,998	41,998	41,998	16.3	16.3	16.3	293	713	419	14	34	20
Hay and pasture	504,909	113,492	113,492	113,492	22.5	22.5	22.5	1,044	1,464	1,170	18	26	21
Total	909,371	473,568	476,595	476,595	52.1	52.4	52.4	8,252	8,697	8,109	35	36	34
Mississippi:													
Corn	186,627	163,683	163,683	163,683	87.7	87.7	87.7	4,565	3,455	2,292	56	42	28
Sorghum	4,497	497	497	497	11.1	11.1	11.1	10	5	5	40	20	20
Soybeans	49,488	11,918	11,918	11,918	24.1	24.1	24.1	12	119	119	2	20	20
Cowpeas	1,094	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	484	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	121,793	117,025	117,025	117,025	96.1	96.1	96.1	3,076	2,341	2,341	53	40	40
Sugarcane	23	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	10,845	3,326	3,326	3,326	30.7	30.7	30.7	116	149	146	70	90	88
Potatoes	319	---	---	---	---	---	---	---	---	---	---	---	---
Sweet potatoes	3,092	2,500	2,500	2,500	80.9	80.9	80.9	50	91	93	40	73	74
Nursery and greenhouse	49	49	49	49	100.0	100.0	100.0	2	3	3	82	122	122
Small fruits	32	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,152	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	217	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	379,712	298,998	298,998	298,998	78.7	78.7	78.7	7,831	6,163	4,999	52	41	33
Wheat	149	---	---	---	---	---	---	---	---	---	---	---	---
Rice	14	14	14	14	100.0	100.0	100.0	1	---	---	71	36	36
Oats	1,690	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,853	14	14	14	0.8	0.8	0.8	1	---	---	71	36	36
Tame hay and cropland pasture	134,615	17,792	17,792	17,792	13.2	13.2	13.2	89	369	356	10	41	40
Improved permanent pasture	316,225	---	10,739	10,739	---	3.4	3.4	---	601	547	---	112	102
Hay and pasture	450,840	17,792	28,531	28,531	3.9	6.3	6.3	89	970	903	10	68	63
Total	832,405	316,804	327,543	327,543	38.1	39.3	39.3	7,921	7,133	5,902	50	44	36
Tennessee:													
Corn	260,468	220,227	220,227	220,227	84.6	84.6	84.6	3,393	3,281	3,239	31	30	29
Sorghum	7,016	2,800	2,800	2,800	39.9	39.9	39.9	17	34	34	12	24	24
Soybeans	25,174	9,310	13,300	13,300	37.0	52.8	52.8	47	239	236	10	36	35
Cowpeas	1,507	300	300	300	19.9	19.9	19.9	1	4	2	7	27	13
Cotton	85,320	71,900	71,900	71,900	84.3	84.3	84.3	1,712	1,796	1,962	48	50	55
Tobacco	1,718	1,261	1,261	1,261	73.4	73.4	73.4	35	45	44	56	71	70
Vegetables	9,987	2,550	2,550	2,550	25.5	25.5	25.5	25	39	29	20	31	23
Potatoes	251	200	200	200	79.7	79.7	79.7	3	4	4	30	40	40
Sweet potatoes	1,350	1,250	1,250	1,250	92.6	92.6	92.6	19	31	31	30	50	50
Popcorn	756	575	575	575	76.1	76.1	76.1	2	5	4	7	17	14
Nursery and greenhouse	17	15	15	15	88.2	88.2	88.2	---	---	---	27	40	40
Small fruits	426	100	100	100	23.5	23.5	23.5	---	2	2	12	40	40
Tree fruits	1,102	275	275	275	25.0	25.0	25.0	1	4	3	7	29	22
Miscellaneous	3,881	1,580	1,580	1,580	40.7	40.7	40.7	10	16	14	13	20	18
Intertilled crops	398,973	312,343	316,333	316,333	78.3	79.3	79.3	5,265	5,500	5,604	34	35	35
Wheat	6,965	3,889	3,889	3,889	55.8	55.8	55.8	46	41	41	24	21	21
Rye	179	70	70	70	39.1	39.1	39.1	1	1	1	14	29	29
Oats	3,255	1,600	1,600	1,600	49.2	49.2	49.2	9	22	22	11	28	28
Barley	1,727	850	850	850	49.2	49.2	49.2	6	13	13	14	31	31
Close-growing crops	12,126	6,409	6,409	6,409	52.9	52.9	52.9	62	77	77	19	24	24

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	323,538	26,002	35,289	33,431	8.0	10.9	10.3	325	772	805	25	44	48
Improved permanent pasture	93,343	8,972	12,176	11,535	9.6	13.0	12.4	81	230	218	18	38	38
Hay and pasture	416,881	34,974	47,465	44,966	8.4	11.4	10.8	406	1,002	1,023	23	42	46
Total	827,980	353,726	370,207	367,708	42.7	44.7	44.4	5,733	6,579	6,704	32	36	36
Total:													
Corn	677,032	604,988	604,988	604,988	89.4	89.4	89.4	11,163	9,976	8,477	37	33	28
Sorghum	18,749	6,915	6,915	6,915	36.9	36.9	36.9	99	75	75	29	22	22
Soybeans	77,920	21,228	27,233	27,233	27.2	34.9	34.9	59	398	395	6	29	29
Cowpeas	4,993	300	300	300	6.0	6.0	6.0	1	4	2	7	27	13
Peanuts	1,929	---	1,012	1,012	---	52.5	52.5	---	15	15	---	30	30
Cotton	313,106	288,864	288,864	288,864	92.3	92.3	92.3	7,288	6,637	6,803	50	46	47
Tobacco	1,718	1,261	1,261	1,261	73.4	73.4	73.4	35	45	44	56	71	70
Sugarcane	319	296	296	296	92.8	92.8	92.8	8	8	8	54	54	54
Vegetables	40,352	20,599	20,599	20,599	51.0	51.0	51.0	1,080	1,127	1,114	105	109	108
Potatoes	833	463	463	463	55.6	55.6	55.6	20	30	30	86	130	130
Sweet potatoes	5,739	4,399	4,399	4,399	76.7	76.7	76.7	89	142	144	40	65	65
Popcorn	756	575	575	575	76.1	76.1	76.1	2	5	4	7	17	14
Nursery and greenhouse	354	352	352	352	99.4	99.4	99.4	10	20	20	57	114	114
Small fruits	639	281	281	281	44.0	44.0	44.0	9	11	11	64	78	78
Tree fruits	16,561	10,290	10,290	10,290	62.1	62.1	62.1	256	259	258	50	50	50
Miscellaneous	7,657	3,360	3,360	3,360	43.9	43.9	43.9	37	70	68	22	42	40
Intertilled crops	1,168,657	964,171	971,188	971,188	82.5	83.1	83.1	20,156	18,822	17,468	42	39	36
Wheat	9,739	5,202	5,202	5,202	53.4	53.4	53.4	72	54	54	28	21	21
Rye	179	70	70	70	39.1	39.1	39.1	1	1	1	14	29	29
Rice	14	14	14	14	100.0	100.0	100.0	1	---	---	71	36	36
Oats	16,810	7,533	7,533	7,533	44.8	44.8	44.8	131	83	83	35	22	22
Barley	1,727	850	850	850	49.2	49.2	49.2	6	13	13	14	31	31
Close-growing crops	28,469	13,669	13,669	13,669	48.0	48.0	48.0	211	151	151	31	22	22
Tame hay and cropland pasture	705,921	115,288	124,575	122,717	16.3	17.6	17.4	1,165	1,892	1,912	20	30	31
Improved permanent pasture	666,709	50,970	64,913	64,272	7.6	9.7	9.6	374	1,544	1,184	15	48	37
Hay and pasture	1,372,630	166,258	189,488	186,989	12.1	13.8	13.6	1,539	3,436	3,096	19	36	33
Total	2,569,756	1,144,098	1,174,345	1,171,846	44.5	45.7	45.6	21,906	22,409	20,715	38	38	35
ASR-47, PORTION IN:													
Alabama:													
Corn	176,328	151,543	151,543	151,543	85.9	85.9	85.9	2,582	2,582	2,170	34	34	29
Sorghum	8,398	4,199	4,199	4,199	50.0	50.0	50.0	84	62	62	40	30	30
Soybeans	929	---	673	673	---	72.4	72.4	---	13	13	---	39	39
Cowpeas	2,720	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	5,007	---	3,004	3,004	---	60.0	60.0	---	30	60	---	20	40
Cotton	118,848	118,101	118,101	118,101	99.4	99.4	99.4	2,775	2,775	2,775	47	47	47
Sugarcane	932	932	932	932	100.0	100.0	100.0	23	23	23	49	49	49
Vegetables	11,145	6,334	6,334	6,334	56.8	56.8	56.8	443	443	443	140	140	140
Potatoes	138	138	138	138	100.0	100.0	100.0	6	13	13	87	188	188
Sweet potatoes	2,088	1,044	1,044	1,044	50.0	50.0	50.0	25	25	25	48	48	48
Nursery and greenhouse	73	73	73	73	100.0	100.0	100.0	2	4	4	55	110	110
Small fruits	4	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	9,508	4,754	4,754	4,754	50.0	50.0	50.0	118	118	118	50	50	50
Miscellaneous	1,706	853	853	853	50.0	50.0	50.0	12	24	24	28	56	56
Intertilled crops	337,824	287,971	291,648	291,648	85.2	86.3	86.3	6,070	6,112	5,730	42	42	39
Wheat	1,891	946	946	946	50.0	50.0	50.0	16	8	8	34	17	17
Oats	20,645	10,322	10,322	10,322	50.0	50.0	50.0	200	100	100	39	19	19
Close-growing crops	22,536	11,268	11,268	11,268	50.0	50.0	50.0	216	108	108	38	19	19
Tame hay and cropland pasture	541,107	124,275	124,275	124,275	23.0	23.0	23.0	1,243	1,243	1,243	20	20	20
Improved permanent pasture	1,038,624	141,434	141,434	141,434	13.6	13.6	13.6	990	2,201	1,414	14	31	20
Hay and pasture	1,579,731	265,709	265,709	265,709	16.8	16.8	16.8	2,233	3,444	2,657	17	26	20
Total	1,940,091	564,948	568,625	568,625	29.1	29.3	29.3	8,519	9,664	8,495	30	34	30
Mississippi:													
Corn	104,675	84,161	84,161	84,161	80.4	80.4	80.4	2,861	1,178	1,010	68	28	24
Sorghum	10,588	1,601	1,601	1,601	15.1	15.1	15.1	32	16	16	40	20	20
Soybeans	41,037	5,073	5,073	5,073	12.4	12.4	12.4	5	51	51	2	20	20
Cowpeas	1,386	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	402	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	94,972	94,628	94,628	94,628	99.6	99.6	99.6	3,075	1,893	1,668	65	40	35
Sugarcane	48	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	8,488	7,272	7,272	7,272	85.7	85.7	85.7	255	297	285	70	82	78
Potatoes	123	---	---	---	---	---	---	---	---	---	---	---	---
Sweet potatoes	2,599	2,500	2,500	2,500	96.2	96.2	96.2	50	63	63	40	50	50
Nursery and greenhouse	775	775	775	775	100.0	100.0	100.0	23	31	31	59	80	80

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Small fruits	15	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,409	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	266,517	196,010	196,010	196,010	73.5	73.5	73.5	6,301	3,529	3,124	64	36	32
Wheat	826	750	750	750	90.8	90.8	90.8	19	4	4	51	11	11
Oats	9,682	6,000	6,000	6,000	62.0	62.0	62.0	120	45	45	40	15	15
Close-growing crops	10,508	6,750	6,750	6,750	64.2	64.2	64.2	139	49	49	41	15	15
Tame hay and cropland pasture	236,697	48,312	48,312	48,312	20.4	20.4	20.4	242	966	386	10	40	16
Improved permanent pasture	558,433	---	35,413	35,413	---	6.3	6.3	---	1,062	212	---	60	12
Hay and pasture	795,130	48,312	83,725	83,725	6.1	10.5	10.5	242	2,028	598	10	48	14
Total	1,072,155	251,072	286,485	286,485	23.4	26.7	26.7	6,682	5,606	3,771	53	39	26
Total:													
Corn	281,003	235,704	235,704	235,704	83.9	83.9	83.9	5,443	3,760	3,180	46	32	27
Sorghum	18,986	5,800	5,800	5,800	30.5	30.5	30.5	116	78	78	40	27	27
Soybeans	41,966	5,073	5,746	5,746	12.1	13.7	13.7	5	64	64	2	22	22
Cowpeas	4,106	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	5,409	---	3,004	3,004	---	55.5	55.5	---	30	60	---	20	40
Cotton	213,820	212,729	212,729	212,729	99.5	99.5	99.5	5,850	4,668	4,443	55	44	42
Sugarcane	980	932	932	932	95.1	95.1	95.1	23	23	23	49	49	49
Vegetables	19,633	13,606	13,606	13,606	69.3	69.3	69.3	698	740	728	103	109	107
Potatoes	261	138	138	138	52.9	52.9	52.9	6	13	13	87	188	188
Sweet potatoes	4,687	3,544	3,544	3,544	75.6	75.6	75.6	75	88	88	42	50	50
Nursery and greenhouse	848	848	848	848	100.0	100.0	100.0	25	35	35	59	83	83
Small fruits	19	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	10,917	4,754	4,754	4,754	43.5	43.5	43.5	118	118	118	50	50	50
Miscellaneous	1,706	853	853	853	50.0	50.0	50.0	12	24	24	28	56	56
Intertilled crops	604,341	483,981	487,658	487,658	80.1	80.7	80.7	12,371	9,641	8,854	51	40	36
Wheat	2,717	1,696	1,696	1,696	62.4	62.4	62.4	35	12	12	41	14	14
Oats	30,327	16,322	16,322	16,322	53.8	53.8	53.8	320	145	145	39	18	18
Close-growing crops	33,044	18,018	18,018	18,018	54.5	54.5	54.5	355	157	157	39	17	17
Tame hay and cropland pasture	777,804	172,587	172,587	172,587	22.2	22.2	22.2	1,485	2,209	1,629	17	26	19
Improved permanent pasture	1,597,057	141,434	176,847	176,847	8.9	11.1	11.1	990	3,263	1,626	14	37	18
Hay and pasture	2,374,861	314,021	349,434	349,434	13.2	14.7	14.7	2,475	5,472	3,255	15	31	19
Total	3,012,246	816,020	855,110	855,110	27.1	28.4	28.4	15,201	15,270	12,266	37	36	29
ASR-48, PORTION IN:													
Alabama:													
Corn	42,941	42,793	42,793	42,793	99.7	99.7	99.7	642	642	642	30	30	30
Sorghum	231	231	231	231	100.0	100.0	100.0	2	1	1	17	9	9
Soybeans	2,285	---	1,816	1,816	---	79.5	79.5	---	20	20	---	22	22
Cowpeas	432	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	256	---	128	128	---	50.0	50.0	---	1	2	---	16	31
Cotton	11,262	11,262	11,262	11,262	100.0	100.0	100.0	265	265	265	47	47	47
Sugarcane	202	202	202	202	100.0	100.0	100.0	5	5	5	50	50	50
Vegetables	2,533	1,420	1,420	1,420	56.1	56.1	56.1	98	98	98	138	138	138
Potatoes	40	40	40	40	100.0	100.0	100.0	2	4	4	100	200	200
Sweet potatoes	224	112	112	112	50.0	50.0	50.0	3	3	3	54	54	54
Small fruits	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	744	372	372	372	50.0	50.0	50.0	9	9	9	48	48	48
Intertilled crops	61,151	56,432	58,376	58,376	92.3	95.5	95.5	1,026	1,048	1,049	36	36	36
Wheat	469	235	235	235	50.1	50.1	50.1	5	3	3	43	26	26
Oats	1,217	609	609	609	50.0	50.0	50.0	12	6	6	39	20	20
Close-growing crops	1,686	844	844	844	50.1	50.1	50.1	17	9	9	40	21	21
Tame hay and cropland pasture	45,938	9,132	9,132	9,132	19.9	19.9	19.9	78	78	78	17	17	17
Improved permanent pasture	34,901	6,901	6,901	6,901	19.8	19.8	19.8	48	117	69	14	34	20
Hay and pasture	80,839	16,033	16,033	16,033	19.8	19.8	19.8	126	195	147	16	24	18
Total	143,676	73,309	75,253	75,253	51.0	52.4	52.4	1,169	1,252	1,205	32	33	32
Mississippi:													
Corn	484,326	443,394	443,394	443,394	91.5	91.5	91.5	15,075	6,208	5,321	68	28	24
Sorghum	10,096	4,362	4,362	4,362	43.2	43.2	43.2	87	44	44	40	20	20
Soybeans	17,624	9,011	9,011	9,011	51.1	51.1	51.1	9	90	90	2	20	20
Cowpeas	6,445	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	2,426	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	214,878	210,456	210,456	210,456	97.9	97.9	97.9	6,840	4,209	4,209	65	40	40
Sugarcane	1,682	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	48,012	30,000	30,000	30,000	62.5	62.5	62.5	1,050	1,275	1,125	70	85	75
Potatoes	1,086	800	800	800	73.7	73.7	73.7	28	24	24	70	60	60
Sweet potatoes	5,872	5,500	5,500	5,500	93.7	93.7	93.7	110	138	138	40	50	50

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Nursery and greenhouse	352	350	350	350	99.4	99.4	99.4	11	14	14	63	80	80
Small fruits	67	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	11,696	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	804,562	703,873	703,873	703,873	87.5	87.5	87.5	23,210	12,002	10,965	66	34	31
Wheat	611	600	600	600	98.2	98.2	98.2	15	3	3	50	10	10
Rice	45	45	45	45	100.0	100.0	100.0	1	1	1	44	44	44
Oats	25,843	15,843	15,843	15,843	61.3	61.3	61.3	317	119	119	40	15	15
Close-growing crops	26,499	16,488	16,488	16,488	62.2	62.2	62.2	333	123	123	40	15	15
Tame hay and cropland pasture	966,393	200,164	200,164	200,164	20.7	20.7	20.7	1,001	4,003	3,002	10	40	30
Improved permanent pasture	1,402,323	---	122,045	122,045	---	8.7	8.7	---	3,661	744	---	60	12
Hay and pasture	2,368,716	200,164	322,209	322,209	8.5	13.6	13.6	1,001	7,664	3,746	10	48	23
Total	3,199,777	920,525	1,042,570	1,042,570	28.8	32.6	32.6	24,544	19,789	14,834	53	38	28
Total:													
Corn	527,267	486,187	486,187	486,187	92.2	92.2	92.2	15,717	6,850	5,963	65	28	25
Sorghum	10,327	4,593	4,593	4,593	44.5	44.5	44.5	89	45	45	39	20	20
Soybeans	19,909	9,011	10,827	10,827	45.3	54.4	54.4	9	110	110	2	20	20
Cowpeas	6,877	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	2,682	---	128	128	---	4.8	4.8	---	1	2	---	16	31
Cotton	226,140	221,718	221,718	221,718	98.0	98.0	98.0	7,105	4,474	4,474	64	40	40
Sugarcane	1,884	202	202	202	10.7	10.7	10.7	5	5	5	50	50	50
Vegetables	50,545	31,420	31,420	31,420	62.2	62.2	62.2	1,148	1,373	1,223	73	87	78
Potatoes	1,126	840	840	840	74.6	74.6	74.6	30	28	28	71	67	67
Sweet potatoes	6,096	5,612	5,612	5,612	92.1	92.1	92.1	113	141	141	40	50	50
Nursery and greenhouse	352	350	350	350	99.4	99.4	99.4	11	14	14	63	80	80
Small fruits	68	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	12,440	372	372	372	3.0	3.0	3.0	9	9	9	48	48	48
Intertilled crops	865,713	760,305	762,249	762,249	87.8	88.0	88.0	24,236	13,050	12,014	64	34	32
Wheat	1,080	835	835	835	77.3	77.3	77.3	20	6	6	48	14	14
Rice	45	45	45	45	100.0	100.0	100.0	1	1	1	44	44	44
Oats	27,060	16,452	16,452	16,452	60.8	60.8	60.8	329	125	125	40	15	15
Close-growing crops	28,185	17,332	17,332	17,332	61.5	61.5	61.5	350	132	132	40	15	15
Tame hay and cropland pasture	1,012,331	209,296	209,296	209,296	20.7	20.7	20.7	1,079	4,081	3,080	10	39	29
Improved permanent pasture	1,437,224	6,901	128,946	128,946	0.5	9.0	9.0	48	3,778	813	14	59	13
Hay and pasture	2,449,555	216,197	338,242	338,242	8.8	13.8	13.8	1,127	7,859	3,893	10	46	23
Total	3,343,453	993,834	1,117,823	1,117,823	29.7	33.4	33.4	25,713	21,041	16,039	52	38	29
ASR-49, PORTION IN:													
Mississippi:													
Corn	210,450	180,166	180,166	180,166	85.6	85.6	85.6	7,069	2,162	1,621	78	24	18
Sorghum	13,348	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	114,990	7,649	7,649	7,649	6.7	6.7	6.7	8	77	77	2	20	20
Cowpeas	5,547	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	712	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	273,818	273,818	273,818	273,818	100.0	100.0	100.0	10,409	4,792	4,537	76	35	33
Sugarcane	131	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	14,119	8,119	8,119	8,119	57.5	57.5	57.5	284	334	284	70	82	70
Potatoes	380	---	---	---	---	---	---	---	---	---	---	---	---
Sweet potatoes	2,047	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	4	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	60	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	2,973	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	638,579	469,752	469,752	469,752	73.6	73.6	73.6	17,770	7,365	6,519	76	31	28
Wheat	4,037	4,000	4,000	4,000	99.1	99.1	99.1	100	20	20	50	10	10
Rice	1,769	1,769	1,769	1,769	100.0	100.0	100.0	53	27	26	60	31	29
Oats	27,024	19,336	19,336	19,336	71.6	71.6	71.6	387	145	98	40	15	10
Close-growing crops	32,830	25,105	25,105	25,105	76.5	76.5	76.5	540	192	144	43	15	11
Tame hay and cropland pasture	456,696	46,589	46,589	46,589	10.2	10.2	10.2	117	699	465	5	30	20
Improved permanent pasture	662,135	---	35,425	35,425	---	5.4	5.4	---	531	106	---	30	6
Hay and pasture	1,118,831	46,589	82,014	82,014	4.2	7.3	7.3	117	1,230	572	5	30	14
Total	1,790,240	541,446	576,871	576,871	30.2	32.2	32.2	18,427	8,787	7,235	68	30	25
Tennessee:													
Corn	343,983	257,697	257,697	257,697	74.9	74.9	74.9	5,729	3,613	3,690	44	28	29
Sorghum	13,033	2,470	2,470	2,470	19.0	19.0	19.0	13	28	27	11	23	22
Soybeans	329,221	58,100	83,000	83,000	17.6	25.2	25.2	228	1,305	1,316	8	31	32
Cowpeas	9,373	1,400	1,400	1,400	14.9	14.9	14.9	4	8	8	6	11	11
Cotton	390,647	340,000	340,000	340,000	87.0	87.0	87.0	9,080	7,068	8,208	53	42	48
Tobacco	56	20	20	20	35.7	35.7	35.7	1	1	1	100	100	100
Vegetables	40,263	21,500	21,500	21,500	53.4	53.4	53.4	355	498	426	33	46	40
Potatoes	610	400	400	400	65.6	65.6	65.6	4	6	6	20	30	30

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Sweet potatoes	2,948	2,800	2,800	2,800	95.0	95.0	95.0	62	77	77	44	55	55
Popcorn	198	150	150	150	75.8	75.8	75.8	1	2	2	13	27	27
Nursery and greenhouse	1,217	900	900	900	74.0	74.0	74.0	11	22	16	24	49	36
Small fruits	3,097	1,000	1,000	1,000	32.3	32.3	32.3	11	14	13	22	28	26
Tree fruits	3,036	1,000	1,000	1,000	32.9	32.9	32.9	8	17	13	16	34	26
Miscellaneous	94	50	50	50	53.2	53.2	53.2	---	---	---	8	16	12
Intertilled crops	1,137,776	687,487	712,387	712,387	60.4	62.6	62.6	15,507	12,660	13,803	45	36	39
Wheat	20,420	12,598	12,598	12,598	61.7	61.7	61.7	155	118	118	25	19	19
Rye	338	100	100	100	29.6	29.6	29.6	1	1	1	20	20	20
Oats	10,957	3,500	3,500	3,500	31.9	31.9	31.9	47	37	26	27	21	15
Barley	2,975	1,000	1,000	1,000	33.6	33.6	33.6	12	8	8	24	16	16
Close-growing crops	34,690	17,198	17,198	17,198	49.6	49.6	49.6	215	164	153	25	19	18
Tame hay and cropland pasture	638,616	41,360	56,131	53,176	6.5	8.8	8.3	904	1,075	1,134	44	38	43
Improved permanent pasture	179,850	12,218	16,582	15,710	6.8	9.2	8.7	256	355	367	42	43	47
Hay and pasture	818,466	53,578	72,713	68,886	6.5	8.9	8.4	1,160	1,430	1,501	43	39	44
Total	1,990,932	758,263	802,298	798,471	38.1	40.3	40.1	16,882	14,254	15,457	45	36	39
Total:													
Corn	554,433	437,863	437,863	437,863	79.0	79.0	79.0	12,798	5,775	5,311	58	26	24
Sorghum	26,381	2,470	2,470	2,470	9.4	9.4	9.4	13	28	27	11	23	22
Soybeans	444,211	65,749	90,649	90,649	14.8	20.4	20.4	236	1,383	1,393	7	31	31
Cowpeas	14,920	1,400	1,400	1,400	9.4	9.4	9.4	4	8	8	6	11	11
Peanuts	712	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	664,465	613,818	613,818	613,818	92.4	92.4	92.4	19,489	11,860	12,745	64	39	42
Tobacco	56	20	20	20	35.7	35.7	35.7	1	1	1	100	100	100
Sugarcane	131	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	54,382	29,619	29,619	29,619	54.5	54.5	54.5	639	832	710	43	56	48
Potatoes	990	400	400	400	40.4	40.4	40.4	4	6	6	20	30	30
Sweet potatoes	4,995	2,800	2,800	2,800	56.1	56.1	56.1	62	77	77	44	55	55
Popcorn	198	150	150	150	75.8	75.8	75.8	1	2	2	13	27	27
Nursery and greenhouse	1,221	900	900	900	73.7	73.7	73.7	11	22	16	24	49	36
Small fruits	3,157	1,000	1,000	1,000	31.7	31.7	31.7	11	14	13	22	28	26
Tree fruits	6,009	1,000	1,000	1,000	16.6	16.6	16.6	8	17	13	16	34	26
Miscellaneous	94	50	50	50	53.2	53.2	53.2	---	---	---	8	16	12
Intertilled crops	1,776,355	1,157,239	1,182,139	1,182,139	65.1	66.5	66.5	33,277	20,025	20,322	58	34	34
Wheat	24,457	16,598	16,598	16,598	67.9	67.9	67.9	255	138	138	31	17	17
Rye	338	100	100	100	29.6	29.6	29.6	1	1	1	20	20	20
Rice	1,769	1,769	1,769	1,769	100.0	100.0	100.0	53	27	26	60	31	29
Oats	37,981	22,836	22,836	22,836	60.1	60.1	60.1	434	182	124	38	16	11
Barley	2,975	1,000	1,000	1,000	33.6	33.6	33.6	12	8	8	24	16	16
Close-growing crops	67,520	42,303	42,303	42,303	62.7	62.7	62.7	755	356	297	36	17	14
Tame hay and cropland pasture	1,095,312	87,949	102,720	99,765	8.0	9.4	9.1	1,021	1,774	1,600	23	35	32
Improved permanent pasture	841,985	12,218	52,007	51,135	1.5	6.2	6.1	256	886	473	42	34	19
Hay and pasture	1,937,297	100,167	154,727	150,900	5.2	8.0	7.8	1,277	2,660	2,073	25	34	27
Total	3,781,172	1,299,709	1,379,169	1,375,342	34.4	36.5	36.4	35,309	23,041	22,692	54	33	33
ASR-50, PORTION IN:													
Illinois:													
Corn	706,254	287,810	489,278	518,059	40.8	69.3	73.4	8,564	11,214	17,183	60	46	66
Sorghum	4,319	756	1,285	1,361	17.5	29.8	31.5	11	32	14	29	50	21
Soybeans	709,459	62,792	106,746	113,026	8.8	15.0	15.9	157	3,205	4,521	5	60	80
Vegetables	8,830	5,873	5,873	5,873	66.5	66.5	66.5	91	286	244	31	97	83
Potatoes	262	236	236	236	90.1	90.1	90.1	5	8	8	42	68	68
Sweet potatoes	361	289	289	289	80.1	80.1	80.1	2	8	8	14	55	55
Popcorn	3,049	915	1,829	1,647	30.0	60.0	54.0	24	50	50	52	55	61
Nursery and greenhouse	315	95	95	95	30.2	30.2	30.2	7	7	7	147	147	147
Small fruits	709	709	709	709	100.0	100.0	100.0	18	36	36	51	102	102
Tree fruits	11,278	11,278	11,278	11,278	100.0	100.0	100.0	345	83	83	61	15	15
Intertilled crops	1,444,836	370,753	617,618	652,573	25.7	42.7	45.2	9,224	14,929	22,154	50	48	68
Wheat	256,594	98,926	168,174	178,067	38.6	65.5	69.4	1,123	5,050	6,426	23	60	72
Rye	7,546	377	642	679	5.0	8.5	9.0	6	16	24	32	50	71
Oats	27,845	667	1,134	1,201	2.4	4.1	4.3	5	45	41	15	79	68
Barley	14,040	2,106	3,580	3,791	15.0	25.5	27.0	18	108	114	17	60	60
Seed crops	24,198	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	330,223	102,076	173,530	183,738	30.9	52.5	55.6	1,152	5,219	6,605	23	60	72
Tame hay and cropland pasture	672,174	---	33,350	35,311	---	5.0	5.3	---	504	1,547	---	30	88
Improved permanent pasture	197,165	---	8,861	9,383	---	4.5	4.8	---	134	385	---	30	82
Hay and pasture	869,339	---	42,211	44,694	---	4.9	5.1	---	638	1,932	---	30	86
Total	2,644,398	472,829	833,359	881,005	17.9	31.5	33.3	10,376	20,786	30,691	44	50	70

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-51, PORTION IN:													
Illinois:													
Corn	4,082,334	2,067,428	2,067,428	972,907	50.6	50.6	23.8	55,388	47,479	32,299	54	46	66
Sorghum	5,843	2,980	2,980	1,402	51.0	51.0	24.0	45	75	14	30	50	20
Soybeans	2,159,365	124,891	124,891	58,772	5.8	5.8	2.7	313	3,740	2,357	5	60	80
Vegetables	57,494	48,422	48,422	48,422	84.2	84.2	84.2	519	2,087	1,388	21	86	57
Potatoes	259	233	233	233	90.0	90.0	90.0	5	8	8	43	69	69
Sweet potatoes	30	24	24	24	80.0	80.0	80.0	---	---	---	15	61	61
Popcorn	5,924	2,555	2,558	1,188	43.1	43.1	20.1	68	72	72	53	56	121
Nursery and greenhouse	2,182	916	916	916	42.0	42.0	42.0	63	63	63	138	138	138
Small fruits	304	304	304	304	100.0	100.0	100.0	8	16	16	53	105	105
Tree fruits	1,789	1,789	1,789	1,789	100.0	100.0	100.0	45	9	9	50	10	10
Miscellaneous	1,837	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	6,317,361	2,249,542	2,249,545	1,085,957	35.6	35.6	17.1	56,454	53,549	36,226	50	48	67
Wheat	521,837	369,690	369,690	173,972	70.8	70.8	33.3	4,207	11,132	6,266	23	60	72
Rye	22,870	2,916	2,916	1,372	12.8	12.8	6.0	6	72	42	4	49	61
Oats	855,230	105,984	105,984	49,875	12.4	12.4	5.8	795	4,025	1,744	15	76	70
Barley	5,932	2,017	2,017	949	34.0	34.0	16.0	17	61	29	17	60	61
Seed crops	6,726	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,412,595	480,607	480,607	226,168	34.0	34.0	16.0	5,025	15,290	8,081	21	64	71
Tame hay and cropland pasture	1,049,978	---	95,000	44,706	---	9.0	4.3	---	1,434	1,960	---	30	88
Improved permanent pasture	418,010	---	14,013	6,597	---	3.4	1.6	---	212	270	---	30	82
Hay and pasture	1,467,988	---	109,013	51,303	---	7.4	3.5	---	1,646	2,230	---	30	87
Total	9,197,944	2,730,149	2,839,165	1,363,428	29.7	30.9	14.8	61,479	70,485	46,537	45	50	68
ASR-52, PORTION IN:													
Illinois:													
Corn	579,694	99,667	249,168	149,501	17.2	43.0	25.8	2,949	5,792	4,949	59	46	66
Sorghum	901	99	248	149	11.0	27.5	16.5	2	6	1	40	48	13
Soybeans	175,428	9,465	23,662	14,197	5.4	13.5	8.1	23	707	563	5	60	79
Vegetables	25,366	22,045	22,045	22,045	86.9	86.9	86.9	583	2,493	1,429	53	226	130
Potatoes	96	86	86	86	89.6	89.6	89.6	3	3	3	70	70	70
Sweet potatoes	6	5	5	5	83.3	83.3	83.3	---	---	---	15	61	61
Popcorn	519	89	223	134	17.1	43.0	25.8	2	10	10	45	90	149
Nursery and greenhouse	5,531	2,187	2,187	2,187	39.5	39.5	39.5	149	149	149	136	136	136
Small fruits	65	65	65	65	100.0	100.0	100.0	2	4	4	62	123	123
Tree fruits	590	590	590	590	100.0	100.0	100.0	14	3	3	47	10	10
Intertilled crops	788,196	134,298	298,279	188,959	17.0	37.8	24.0	3,727	9,167	7,111	56	61	75
Wheat	35,497	4,467	20,500	6,700	12.6	57.8	18.9	53	820	222	24	80	66
Rye	2,205	79	198	119	3.6	9.0	5.4	2	5	4	51	50	67
Oats	178,034	5,551	13,878	8,327	3.1	7.8	4.7	41	51	292	15	7	70
Barley	7,773	700	1,749	1,049	9.0	22.5	13.5	6	52	31	17	59	59
Close-growing crops	223,509	10,797	36,325	16,195	4.8	16.3	7.2	102	928	549	19	51	68
Tame hay and cropland pasture	269,955	---	12,487	7,492	---	4.6	2.8	---	187	328	---	30	88
Improved permanent pasture	54,051	---	1,260	756	---	2.3	1.4	---	19	31	---	30	82
Hay and pasture	324,006	---	13,747	8,248	---	4.2	2.5	---	206	359	---	30	87
Total	1,335,711	145,095	348,351	213,402	10.9	26.1	16.0	3,829	10,301	8,019	53	59	75
Indiana:													
Corn	363,581	351,174	351,174	351,174	96.6	96.6	96.6	6,497	7,891	9,682	37	45	55
Sorghum	536	520	520	520	97.0	97.0	97.0	7	8	10	27	31	38
Soybeans	164,086	31,032	77,579	77,579	18.9	47.3	47.3	155	1,241	1,435	10	32	37
Vegetables	7,880	6,853	6,853	6,853	87.0	87.0	87.0	232	232	232	68	68	68
Potatoes	1,483	1,439	1,439	1,439	97.0	97.0	97.0	25	50	89	35	69	124
Popcorn	2,805	2,721	2,721	2,721	97.0	97.0	97.0	45	52	61	33	38	45
Mint	1,531	1,485	1,485	1,485	97.0	97.0	97.0	7	28	28	9	38	38
Nursery and greenhouse	1,749	1,749	1,749	1,749	100.0	100.0	100.0	134	119	119	153	136	136
Small fruits	155	150	150	150	96.8	96.8	96.8	9	3	3	120	40	40
Tree fruits	3,692	3,581	3,581	3,581	97.0	97.0	97.0	278	98	98	155	55	55
Miscellaneous	726	182	182	182	25.1	25.1	25.1	1	3	3	11	33	33
Intertilled crops	548,224	400,886	447,433	447,433	73.1	81.6	81.6	7,390	9,725	11,760	37	43	53
Wheat	100,686	98,174	98,174	98,174	97.5	97.5	97.5	1,571	2,111	2,160	32	43	44
Rye	3,197	480	480	480	15.0	15.0	15.0	1	3	3	4	12	12
Oats	58,095	42,200	42,200	42,200	72.6	72.6	72.6	356	758	795	17	36	38
Barley	3,914	3,836	3,836	3,836	98.0	98.0	98.0	50	65	71	26	34	37
Seed crops	210	21	21	21	10.0	10.0	10.0	---	---	---	10	35	35
Close-growing crops	166,102	144,711	144,711	144,711	87.1	87.1	87.1	1,978	2,937	3,029	27	41	42

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	165,750	8,355	27,851	27,851	5.0	16.8	16.8	279	586	641	67	42	46
Improved permanent pasture	37,685	3,730	3,730	3,730	9.9	9.9	9.9	19	56	91	10	30	49
Hay and pasture	203,435	12,085	31,581	31,581	5.9	15.5	15.5	298	642	732	5	4	5
Total	917,761	557,682	623,725	623,725	60.8	68.0	68.0	9,666	13,304	15,521	35	48	56
Wisconsin:													
Corn	82,038	72,690	72,690	72,690	88.6	88.6	88.6	860	1,555	1,520	24	43	42
Soybeans	13,222	4,360	4,360	4,360	33.0	33.0	33.0	5	45	140	2	21	64
Dry beans	6	---	--	---	---	---	---	---	---	---	---	---	---
Sugar beets	576	518	518	518	90.0	90.0	90.0	13	15	15	50	58	58
Vegetables	8,185	5,782	5,782	5,782	70.6	70.6	70.6	67	230	228	23	80	79
Potatoes	3,847	3,847	3,847	3,847	100.0	100.0	100.0	130	315	415	68	164	216
Nursery and greenhouse	828	600	600	600	72.5	72.5	72.5	15	15	15	50	50	50
Small fruits	132	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,130	600	600	600	53.1	53.1	53.1	7	2	7	23	7	23
Miscellaneous	74	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	110,038	88,397	88,397	88,397	80.3	80.3	80.3	1,097	2,177	2,340	25	49	53
Wheat	12,919	8,392	8,392	8,392	65.0	65.0	65.0	40	80	240	10	19	57
Rye	639	200	200	200	31.3	31.3	31.3	1	2	6	10	20	60
Buckwheat	202	---	---	---	---	---	---	---	---	---	---	---	---
Oats	35,702	18,600	18,600	18,600	52.1	52.1	52.1	20	285	675	2	31	73
Barley	3,150	1,100	1,100	1,100	34.9	34.9	34.9	5	10	30	9	18	55
Flax	130	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	328	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	53,070	28,292	28,292	28,292	53.3	53.3	53.3	66	377	951	5	27	67
Tame hay and cropland pasture	68,426	5,305	5,305	5,305	7.8	7.8	7.8	3	98	290	1	37	109
Improved permanent pasture	13,733	675	675	675	4.9	4.9	4.9	20	10	10	59	30	30
Hay and pasture	82,159	5,980	5,980	5,980	7.3	7.3	7.3	23	108	300	8	36	100
Total	245,267	122,669	122,669	122,669	50.0	50.0	50.0	1,186	2,662	3,591	19	43	59
Total:													
Corn	1,025,313	523,531	673,032	573,365	51.1	65.6	55.9	10,306	15,238	16,151	39	45	56
Sorghum	1,437	619	768	669	43.1	53.4	46.6	9	14	11	29	36	33
Soybeans	352,736	44,857	105,601	96,136	12.7	29.9	27.3	183	1,993	2,138	8	38	44
Dry beans	6	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	576	518	518	518	89.9	89.9	89.9	13	15	15	50	58	58
Vegetables	41,431	34,680	34,680	34,680	83.7	83.7	83.7	882	2,955	1,889	51	170	109
Potatoes	5,426	5,372	5,372	5,372	99.0	99.0	99.0	158	368	507	59	137	189
Sweet potatoes	6	5	5	5	83.3	83.3	83.3	---	---	---	15	61	61
Popcorn	3,324	2,810	2,944	2,855	84.5	88.6	85.9	47	62	71	33	42	50
Mint	1,531	1,485	1,485	1,485	97.0	97.0	97.0	7	28	28	9	38	38
Nursery and greenhouse	8,108	4,536	4,536	4,536	55.9	55.9	55.9	298	283	283	131	125	125
Small fruits	352	215	215	215	61.1	61.1	61.1	11	7	7	102	65	65
Tree fruits	5,412	4,771	4,771	4,771	88.2	88.2	88.2	299	103	108	125	43	45
Miscellaneous	800	182	182	182	22.8	22.8	22.8	1	3	3	11	33	33
Intertilled crops	1,446,458	623,581	834,109	724,789	43.1	57.7	50.1	12,214	21,069	21,211	39	51	59
Wheat	149,102	111,033	127,066	113,266	74.5	85.2	76.0	1,664	3,011	2,622	30	47	46
Rye	6,041	759	878	799	12.6	14.5	13.2	4	10	13	11	23	33
Buckwheat	202	---	---	---	---	---	---	---	---	---	---	---	---
Oats	271,831	66,351	74,678	69,127	24.4	27.5	25.4	417	1,094	1,762	13	29	51
Barley	14,837	5,636	6,685	5,985	38.0	45.1	40.3	61	127	132	22	38	44
Flax	130	---	---	---	---	---	---	---	---	---	---	---	---
Seed crops	210	21	21	21	10.0	10.0	10.0	---	---	---	10	35	35
Wild hay	328	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	442,681	183,800	209,328	189,198	41.5	47.3	42.7	2,146	4,242	4,529	23	41	48
Tame hay and cropland pasture	504,131	13,660	45,643	40,648	2.7	9.1	8.1	282	871	1,259	41	38	62
Improved permanent pasture	105,469	4,405	5,665	5,161	4.2	5.4	4.9	39	85	132	18	30	51
Hay and pasture	609,600	18,065	51,308	45,809	3.0	8.4	7.5	321	956	1,391	36	37	61
Total	2,498,739	825,446	1,094,745	959,796	33.0	43.8	38.4	14,681	26,267	27,131	36	48	57
ASR-53, PORTION IN:													
Wisconsin:													
Corn	1,287,825	1,118,522	1,118,522	1,118,522	86.9	86.9	86.9	9,376	19,645	19,420	17	35	35
Soybeans	11,137	3,769	3,769	3,769	33.8	33.8	33.8	3	30	90	2	16	48
Dry beans	252	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	431	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	5,770	4,039	4,039	4,039	70.0	70.0	70.0	174	40	242	86	20	120
Sugar beets	6,838	6,154	6,154	6,154	90.0	90.0	90.0	154	185	185	50	60	60
Vegetables	193,275	115,961	115,961	115,961	60.0	60.0	60.0	1,121	3,266	3,378	19	56	58
Potatoes	9,058	6,054	6,054	6,054	66.8	66.8	66.8	255	415	510	84	137	168

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Nursery and greenhouse	727	500	500	500	68.8	68.8	68.8	18	14	13	72	56	52
Small fruits	839	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	19,155	13,000	13,000	13,000	67.9	67.9	67.9	145	50	145	22	8	22
Intertilled crops	1,535,307	1,267,999	1,267,999	1,267,999	82.6	82.6	82.6	11,246	23,645	23,983	18	37	38
Wheat	35,846	20,000	20,000	20,000	55.8	55.8	55.8	100	200	600	10	20	60
Rye	6,514	2,000	2,000	2,000	30.7	30.7	30.7	10	20	60	10	20	60
Buckwheat	3,330	---	---	---	---	---	---	---	---	---	---	---	---
Oats	1,101,463	333,270	333,270	333,270	30.3	30.3	30.3	186	4,235	10,015	1	25	60
Barley	28,361	15,000	15,000	15,000	52.9	52.9	52.9	75	150	450	10	20	60
Flax	1,726	500	500	500	29.0	29.0	29.0	2	5	15	8	20	60
Seed crops	16,699	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	15,347	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,209,286	370,770	370,770	370,770	30.7	30.7	30.7	373	4,610	11,140	2	25	60
Tame hay and cropland pasture	2,253,007	164,180	164,180	164,180	7.3	7.3	7.3	25	2,090	6,215	---	25	76
Improved permanent pasture	444,443	13,886	13,886	13,886	3.1	3.1	3.1	220	145	145	32	21	21
Hay and pasture	2,697,450	178,066	178,066	178,066	6.6	6.6	6.6	245	2,235	6,360	3	25	71
Total	5,442,043	1,816,835	1,816,835	1,816,835	33.4	33.4	33.4	11,864	30,490	41,483	13	34	46
ASR-54, PORTION IN:													
Michigan:													
Corn	113,148	88,580	88,580	88,580	78.3	78.3	78.3	930	1,594	1,462	21	36	33
Soybeans	240	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	6,355	3,622	3,813	3,813	57.0	60.0	60.0	15	65	61	8	34	32
Sugar beets	1,244	1,242	1,242	1,242	99.8	99.8	99.8	25	59	50	40	95	81
Vegetables	16,446	9,651	9,651	9,651	58.7	58.7	58.7	215	290	324	45	60	67
Potatoes	15,485	11,217	11,217	11,217	72.4	72.4	72.4	460	802	858	82	143	153
Popcorn	4	---	---	---	---	---	---	---	---	---	---	---	---
Mint	405	385	385	385	95.1	95.1	95.1	6	11	18	31	57	94
Nursery and greenhouse	668	468	468	468	70.1	70.1	70.1	6	6	6	26	26	26
Small fruits	2,315	1,505	1,355	1,355	65.0	58.5	58.5	41	30	30	54	44	44
Tree fruits	12,724	6,362	5,090	5,090	50.0	40.0	40.0	108	76	76	34	30	30
Miscellaneous	7,769	1,554	1,554	1,554	20.0	20.0	20.0	16	33	31	21	42	40
Intertilled crops	176,803	124,586	123,355	123,355	70.5	69.8	69.8	1,822	2,966	2,916	29	48	47
Wheat	65,021	52,150	52,150	52,150	80.2	80.2	80.2	469	1,147	1,095	18	44	42
Rye	7,546	4,528	4,528	4,528	60.0	60.0	60.0	23	77	77	10	34	34
Buckwheat	1,381	690	690	690	50.0	50.0	50.0	3	12	12	9	35	35
Oats	155,077	97,608	108,453	97,608	62.9	69.9	62.9	596	1,844	1,844	12	34	38
Barley	5,629	3,212	3,569	3,212	57.1	63.4	57.1	23	59	59	14	33	37
Wild hay	4,184	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	238,838	158,188	169,390	158,188	66.2	70.9	66.2	1,114	3,139	3,087	14	37	39
Tame hay and cropland pasture	960,637	50,730	56,367	50,730	5.3	5.9	5.3	705	1,296	1,184	28	46	47
Improved permanent pasture	177,016	5,625	5,000	5,000	3.2	2.8	2.8	78	131	119	28	52	48
Hay and pasture	1,137,653	56,355	61,367	55,730	5.0	5.4	4.9	783	1,427	1,303	28	46	47
Total	1,553,294	339,129	354,112	337,273	21.8	22.8	21.7	3,719	7,532	7,306	22	43	43
Minnesota:													
Corn	47,139	32,393	32,393	32,393	68.7	68.7	68.7	179	446	446	11	28	28
Soybeans	2,534	---	321	321	---	12.7	12.7	---	3	9	---	19	56
Dry beans	8	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	10	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	5,220	2,721	2,721	2,721	52.1	52.1	52.1	40	27	27	29	20	20
Potatoes	5,346	3,430	3,430	3,430	64.2	64.2	64.2	136	63	188	79	37	110
Nursery and greenhouse	116	116	116	116	100.0	100.0	100.0	5	5	5	86	86	86
Small fruits	122	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	113	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	60,608	38,660	38,981	38,981	63.8	64.3	64.3	360	544	675	19	28	35
Wheat	14,963	7,482	7,482	7,482	50.0	50.0	50.0	45	135	45	12	36	12
Oats	112,335	10,153	10,153	10,153	9.0	9.0	9.0	51	51	51	10	10	10
Barley	11,723	3,517	3,517	3,517	30.0	30.0	30.0	18	18	18	10	10	10
Other small grain	10,562	2,640	2,640	2,640	25.0	25.0	25.0	11	11	11	8	8	8
Seed crops	25,541	---	10,371	10,371	---	40.6	40.6	---	218	218	---	42	42
Wild hay	29,557	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	204,681	23,792	34,163	34,163	11.6	16.7	16.7	125	433	343	11	25	20
Tame hay and cropland pasture	498,943	2,600	26,943	26,943	0.5	5.4	5.4	26	589	589	20	44	44
Improved permanent pasture	132,026	1,845	1,845	1,845	1.4	1.4	1.4	11	45	22	12	49	24
Hay and pasture	630,969	4,445	28,788	28,788	0.7	4.6	4.6	37	634	611	17	44	42
Total	896,258	66,897	101,932	101,932	7.5	11.4	11.4	522	1,611	1,629	16	32	32

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wisconsin:													
Corn	53,036	45,424	45,424	45,424	85.6	85.6	85.6	370	895	895	16	39	39
Soybeans	3,873	---	344	344	---	8.9	8.9	---	4	10	---	23	58
Dry beans	4	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	6	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	5,179	1,200	1,200	1,200	23.2	23.2	23.2	10	30	35	17	50	58
Potatoes	19,366	18,241	18,241	18,241	94.2	94.2	94.2	839	1,260	1,560	92	138	171
Nursery and greenhouse	251	100	100	100	39.8	39.8	39.8	2	2	2	40	40	40
Small fruits	1,339	500	500	500	37.3	37.3	37.3	5	2	5	20	8	20
Tree fruits	1,136	500	500	500	44.0	44.0	44.0	5	2	5	20	8	20
Intertilled crops	84,190	65,965	66,309	66,309	78.4	78.8	78.8	1,231	2,195	2,512	37	66	76
Wheat	762	200	200	200	26.2	26.2	26.2	1	2	6	10	20	60
Rye	837	400	400	400	47.8	47.8	47.8	2	4	12	10	20	60
Buckwheat	381	---	---	---	---	---	---	---	---	---	---	---	---
Oats	103,866	43,408	43,408	43,408	41.8	41.8	41.8	55	710	1,605	3	33	74
Barley	776	200	200	200	25.8	25.8	25.8	1	2	6	10	20	60
Flax	266	---	---	---	---	---	---	---	---	---	---	---	---
Seed crops	2,734	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	2,884	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	112,506	44,208	44,208	44,208	39.3	39.3	39.3	59	718	1,629	3	32	74
Tame hay and cropland pasture	434,634	31,640	31,640	31,640	7.3	7.3	7.3	---	525	1,575	---	33	100
Improved permanent pasture	149,112	3,590	3,590	3,590	2.4	2.4	2.4	95	65	65	53	36	36
Hay and pasture	583,746	35,230	35,230	35,230	6.0	6.0	6.0	95	590	1,640	5	33	93
Total	780,442	145,403	145,747	145,747	18.6	18.7	18.7	1,385	3,503	5,781	19	48	79
Total:													
Corn	213,323	166,397	166,397	166,397	78.0	78.0	78.0	1,479	2,935	2,803	18	35	34
Soybeans	6,647	344	665	665	5.2	10.0	10.0	---	7	19	---	21	57
Dry beans	6,367	3,622	3,813	3,813	56.9	59.9	59.9	15	65	61	8	34	32
Dry peas	16	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	1,244	1,242	1,242	1,242	99.8	99.8	99.8	25	59	50	40	95	81
Vegetables	26,845	13,572	13,572	13,572	50.6	50.6	50.6	265	347	386	39	51	57
Potatoes	40,197	32,888	32,888	32,888	81.8	81.8	81.8	1,435	2,125	2,606	87	129	158
Popcorn	4	---	---	---	---	---	---	---	---	---	---	---	---
Mint	405	385	385	385	95.1	95.1	95.1	6	11	18	31	57	94
Nursery and greenhouse	1,035	684	684	684	66.1	66.1	66.1	13	13	13	38	38	38
Small fruits	3,776	2,005	1,855	1,855	53.1	49.1	49.1	46	32	35	46	34	38
Tree fruits	13,973	6,862	5,590	5,590	49.1	40.0	40.0	113	78	81	33	28	29
Miscellaneous	7,769	1,554	1,554	1,554	20.0	20.0	20.0	16	33	31	21	42	40
Intertilled crops	321,601	229,211	228,645	228,645	71.4	71.1	71.1	3,413	5,705	6,103	30	50	53
Wheat	80,746	59,832	59,832	59,832	74.1	74.1	74.1	515	1,284	1,146	17	43	38
Rye	8,383	4,928	4,928	4,928	59.8	59.8	59.8	25	81	89	10	33	36
Buckwheat	1,762	690	690	690	39.2	39.2	39.2	3	12	12	9	35	35
Oats	371,278	151,169	162,014	151,169	40.7	43.6	40.7	702	2,605	3,500	9	32	46
Barley	18,128	6,929	7,286	6,929	38.2	40.2	38.2	42	79	83	12	22	24
Flax	266	---	---	---	---	---	---	---	---	---	---	---	---
Other small grain	10,562	2,640	2,640	2,640	25.0	25.0	25.0	11	11	11	8	8	8
Seed crops	28,275	---	10,371	10,371	---	36.7	36.7	---	218	218	---	42	42
Wild hay	36,625	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	556,025	226,188	247,761	236,559	40.7	44.6	42.5	1,298	4,290	5,059	11	35	43
Tame hay and cropland pasture	1,894,214	84,970	114,950	109,313	4.5	6.1	5.8	731	2,410	3,348	17	42	61
Improved permanent pasture	458,154	11,060	10,435	10,435	2.4	2.3	2.3	184	241	206	33	46	39
Hay and pasture	2,352,368	96,030	125,385	119,748	4.1	5.3	5.1	915	2,651	3,554	19	42	59
Total	3,229,994	551,429	601,791	584,952	17.1	18.6	18.1	5,626	12,646	14,716	20	42	50
ASR-55, PORTION IN:													
Wisconsin:													
Corn	387,531	337,961	337,961	337,961	87.2	87.2	87.2	2,680	5,850	5,810	16	35	34
Soybeans	20,074	4,352	4,352	4,352	21.7	21.7	21.7	10	25	80	5	11	37
Dry beans	98	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	121	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	25	17	17	17	68.0	68.0	68.0	1	---	1	118	118	118
Vegetables	36,619	20,983	20,983	20,983	57.3	57.3	57.3	719	817	744	69	78	71
Potatoes	13,716	11,935	11,935	11,935	87.0	87.0	87.0	645	1,060	1,285	108	178	215
Nursery and greenhouse	245	200	200	200	81.6	81.6	81.6	5	5	5	50	50	50
Small fruits	3,111	1,000	1,000	1,000	32.1	32.1	32.1	10	4	10	20	8	20
Tree fruits	1,009	500	500	500	49.6	49.6	49.6	5	2	5	20	8	20
Intertilled crops	462,549	376,948	376,948	376,948	81.5	81.5	81.5	4,075	7,763	7,940	22	41	42
Wheat	3,106	1,000	1,000	1,000	32.2	32.2	32.2	5	10	30	10	20	60
Rye	13,442	5,000	5,000	5,000	37.2	37.2	37.2	25	50	150	10	20	60
Buckwheat	1,748	---	---	---	---	---	---	---	---	---	---	---	---
Oats	445,326	222,403	222,403	222,403	49.9	49.9	49.9	419	3,575	8,247	4	32	74
Barley	1,920	500	500	500	26.0	26.0	26.0	3	5	15	12	20	60
Flax	71	---	---	---	---	---	---	---	---	---	---	---	---
Seed crops	8,336	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	8,410	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	482,359	228,903	228,903	228,903	47.5	47.5	47.5	452	3,640	8,442	4	32	74

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	1,131,336	81,129	81,129	81,129	7.2	7.2	7.2	15	1,030	3,060	---	25	75
Improved permanent pasture	443,872	6,682	6,682	6,682	1.5	1.5	1.5	135	90	90	40	27	27
Hay and pasture	1,575,208	87,811	87,811	87,811	5.6	5.6	5.6	150	1,120	3,150	3	26	72
Total	2,520,116	693,662	693,662	693,662	27.5	27.5	27.5	4,677	12,523	19,532	13	36	56
ASR-56, PORTION IN:													
Minnesota:													
Corn	1,373,155	876,162	876,162	876,162	63.8	63.8	63.8	17,921	12,157	9,769	41	28	22
Soybeans	325,663	2,656	26,558	26,558	0.8	8.2	8.2	3	380	376	2	29	28
Dry beans	206	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	69	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	1,146	---	1,146	1,146	---	100.0	100.0	---	57	29	---	99	51
Vegetables	64,736	46,767	46,767	46,767	72.2	72.2	72.2	523	885	885	22	38	38
Potatoes	5,856	4,970	4,970	4,970	84.9	84.9	84.9	199	209	626	80	84	252
Nursery and greenhouse	2,278	2,278	2,278	2,278	100.0	100.0	100.0	68	68	68	60	60	60
Small fruits	662	132	132	132	19.9	19.9	19.9	1	1	1	15	15	15
Tree fruits	2,878	576	576	576	20.0	20.0	20.0	3	3	3	10	10	10
Intertilled crops	1,776,649	933,541	958,589	958,589	52.5	54.0	54.0	18,718	13,760	11,757	40	29	25
Wheat	46,365	4,637	4,637	4,637	10.0	10.0	10.0	23	93	93	10	40	40
Oats	701,609	19,565	19,565	19,565	2.8	2.8	2.8	60	238	119	6	24	12
Barley	13,948	697	697	697	5.0	5.0	5.0	2	8	4	6	23	11
Other small grain	10,465	209	209	209	2.0	2.0	2.0	1	2	1	10	19	10
Wild hay	73,312	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	845,699	25,108	25,108	25,108	3.0	3.0	3.0	86	341	217	7	27	17
Tame hay and cropland pasture	986,410	16,400	84,358	84,358	1.7	8.6	8.6	164	1,883	1,883	20	45	45
Improved permanent pasture	545,902	14,570	14,570	14,570	2.7	2.7	2.7	62	249	249	9	34	34
Hay and pasture	1,532,312	30,970	98,928	98,928	2.0	6.5	6.5	226	2,132	2,132	15	43	43
Total	4,154,660	989,619	1,082,625	1,082,625	23.8	26.1	26.1	19,030	16,233	14,106	38	30	26
Wisconsin:													
Corn	639,273	550,530	550,530	550,530	86.1	86.1	86.1	4,395	9,330	8,950	16	34	33
Soybeans	46,842	6,340	6,340	6,340	13.5	13.5	13.5	5	52	155	2	16	49
Dry beans	67	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	74	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	7,159	5,011	5,011	5,011	70.0	70.0	70.0	215	50	301	86	20	120
Vegetables	35,677	18,000	18,000	18,000	50.5	50.5	50.5	159	336	356	18	37	40
Potatoes	2,397	1,480	1,480	1,480	61.7	61.7	61.7	70	115	140	95	155	189
Nursery and greenhouse	86	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	977	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,887	1,000	1,000	1,000	53.0	53.0	53.0	10	4	10	20	8	20
Intertilled crops	734,439	582,361	582,361	582,361	79.3	79.3	79.3	4,854	9,887	9,912	17	34	34
Wheat	5,694	3,000	3,000	3,000	52.7	52.7	52.7	15	30	90	10	20	60
Rye	3,606	1,000	1,000	1,000	27.7	27.7	27.7	5	10	30	10	20	60
Buckwheat	788	---	---	---	---	---	---	---	---	---	---	---	---
Oats	484,612	137,375	137,375	137,375	28.3	28.3	28.3	165	2,180	5,055	2	32	74
Barley	3,249	1,500	1,500	1,500	46.2	46.2	46.2	7	15	45	9	20	60
Flax	231	---	---	---	---	---	---	---	---	---	---	---	---
Seed crops	4,962	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	3,198	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	506,340	142,875	142,875	142,875	28.2	28.2	28.2	192	2,235	5,220	3	31	73
Tame hay and cropland pasture	1,280,631	69,529	69,529	69,529	5.4	5.4	5.4	15	965	2,865	---	28	82
Improved permanent pasture	533,069	9,791	9,791	9,791	1.8	1.8	1.8	245	165	165	50	34	34
Hay and pasture	1,813,700	79,320	79,320	79,320	4.4	4.4	4.4	260	1,130	3,030	7	28	76
Total	3,054,479	804,556	804,556	804,556	26.3	26.3	26.3	5,306	13,252	18,162	13	33	45
Total:													
Corn	2,012,428	1,426,692	1,426,692	1,426,692	70.9	70.9	70.9	22,316	21,487	18,719	31	30	26
Soybeans	372,505	8,996	32,898	32,898	2.4	8.8	8.8	8	432	531	2	26	32
Dry beans	273	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	143	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	7,159	5,011	5,011	5,011	70.0	70.0	70.0	215	50	301	86	20	120
Sugar beets	1,146	---	1,146	1,146	---	100.0	100.0	---	57	29	---	99	51
Vegetables	100,413	64,767	64,767	64,767	64.5	64.5	64.5	682	1,221	1,241	21	38	38
Potatoes	8,253	6,450	6,450	6,450	78.2	78.2	78.2	269	324	766	83	100	238
Nursery and greenhouse	2,364	2,278	2,278	2,278	96.4	96.4	96.4	68	68	68	60	60	60
Small fruits	1,639	132	132	132	8.1	8.1	8.1	1	1	1	15	15	15
Tree fruits	4,765	1,576	1,576	1,576	33.1	33.1	33.1	13	7	13	16	9	16
Intertilled crops	2,511,088	1,515,902	1,540,950	1,540,950	60.4	61.4	61.4	23,572	23,647	21,669	31	31	28
Wheat	52,059	7,637	7,637	7,637	14.7	14.7	14.7	38	123	183	10	32	48
Rye	3,606	1,000	1,000	1,000	27.7	27.7	27.7	5	10	30	10	20	60
Buckwheat	788	---	---	---	---	---	---	---	---	---	---	---	---
Oats	1,186,221	156,940	156,940	156,940	13.2	13.2	13.2	225	2,418	5,174	3	31	66
Barley	17,197	2,197	2,197	2,197	12.8	12.8	12.8	9	23	49	8	21	45
Flax	231	---	---	---	---	---	---	---	---	---	---	---	---

Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1958--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Other small grain	10,465	209	209	209	2.0	2.0	2.0	1	2	1	10	19	10
Seed crops	4,962	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	76,510	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,352,039	167,983	167,983	167,983	12.4	12.4	12.4	278	2,576	5,437	3	31	65
Tame hay and cropland pasture	2,267,041	85,929	153,887	153,887	3.8	6.8	6.8	179	2,848	4,748	4	37	62
Improved permanent pasture	1,078,971	24,361	24,361	24,361	2.3	2.3	2.3	307	414	414	25	34	34
Hay and pasture	3,346,012	110,290	178,248	178,248	3.3	5.3	5.3	486	3,262	5,162	9	37	59
Total	7,209,139	1,794,175	1,887,181	1,887,181	24.9	26.2	26.2	24,336	29,485	32,268	27	31	34
ASR-57, PORTION IN:													
Illinois:													
Corn	1,119,884	262,726	437,877	218,938	23.5	39.1	19.6	7,849	10,111	7,287	60	46	67
Sorghum	1,684	328	546	273	19.5	32.4	16.2	5	13	3	30	48	22
Soybeans	92,449	6,114	10,190	5,095	6.6	11.0	5.5	15	308	203	5	60	80
Vegetables	48,797	42,179	42,179	42,179	86.4	86.4	86.4	448	1,658	843	21	79	40
Potatoes	333	300	300	300	90.1	90.1	90.1	5	10	10	33	67	67
Popcorn	3,132	660	1,099	548	21.1	35.1	17.5	18	50	50	55	91	182
Nursery and greenhouse	560	224	224	224	40.0	40.0	40.0	15	15	15	134	134	134
Small fruits	90	90	90	90	100.0	100.0	100.0	2	4	4	44	89	89
Tree fruits	594	594	594	594	100.0	100.0	100.0	15	3	3	51	10	10
Intertilled crops	1,267,523	313,215	493,099	268,241	24.7	38.9	21.2	8,372	12,172	8,418	53	49	63
Wheat	13,172	2,149	3,581	1,790	16.3	27.2	13.6	24	105	64	22	59	72
Rye	2,290	103	172	86	4.5	7.5	3.8	2	5	4	39	58	93
Oats	423,112	10,946	18,243	9,122	2.6	4.3	2.2	82	68	317	15	7	70
Barley	2,689	323	538	269	12.0	20.0	10.0	3	17	8	19	63	59
Close-growing crops	441,263	13,521	22,534	11,267	3.1	5.1	2.6	111	195	393	16	17	70
Tame hay and cropland pasture	613,527	---	20,094	10,047	---	3.3	1.6	---	302	439	---	30	87
Improved permanent pasture	240,635	---	2,545	1,272	---	1.1	0.5	---	39	52	---	31	82
Hay and pasture	854,162	---	22,639	11,319	---	2.7	1.3	---	341	491	---	30	87
Total	2,562,948	326,736	538,272	290,827	12.7	21.0	11.3	8,483	12,708	9,302	52	47	64
Iowa:													
Corn	1,990,152	1,739,282	1,739,282	1,739,282	87.4	87.4	87.4	13,030	30,300	28,700	15	35	33
Sorghum	2,775	971	971	971	35.0	35.0	35.0	6	12	10	12	25	21
Soybeans	229,451	---	12,310	12,310	---	5.4	5.4	---	61	61	---	10	10
Vegetables	14,890	12,440	12,440	12,440	83.5	83.5	83.5	37	62	54	6	10	9
Potatoes	1,070	1,070	1,070	1,070	100.0	100.0	100.0	6	19	30	12	36	56
Popcorn	203	71	71	71	35.0	35.0	35.0	---	---	---	6	10	10
Nursery and greenhouse	526	526	526	526	100.0	100.0	100.0	3	2	2	11	8	8
Small fruits	98	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	903	225	---	---	24.9	---	---	1	---	---	9	---	---
Intertilled crops	2,240,068	1,754,585	1,766,670	1,766,670	78.3	78.9	78.9	13,083	30,456	28,857	15	34	33
Wheat	6,872	1,585	1,585	1,585	23.1	23.1	23.1	16	8	4	20	10	5
Rye	1,155	115	115	115	10.0	10.0	10.0	---	2	1	5	35	17
Oats	759,546	58,510	58,510	58,510	7.7	7.7	7.7	144	1,228	470	5	42	16
Barley	4,212	421	421	421	10.0	10.0	10.0	1	9	2	5	43	10
Flax	69	7	7	7	10.1	10.1	10.1	---	---	---	5	10	10
Close-growing crops	771,854	60,638	60,638	60,638	7.9	7.9	7.9	161	1,247	477	5	41	16
Tame hay and cropland pasture	1,105,232	---	40,951	40,951	---	3.7	3.7	---	820	820	---	40	40
Improved permanent pasture	404,071	5,635	5,635	5,635	1.4	1.4	1.4	56	28	14	20	10	5
Hay and pasture	1,509,303	5,635	46,586	46,586	0.4	3.1	3.1	56	848	834	20	36	36
Total	4,521,225	1,820,858	1,873,894	1,873,894	40.3	41.4	41.4	13,300	32,551	30,168	15	35	32
Minnesota:													
Corn	1,266,872	696,079	696,079	696,079	54.9	54.9	54.9	11,541	14,800	14,800	33	43	43
Soybeans	416,653	---	13,844	13,844	---	3.3	3.3	---	246	246	---	36	36
Dry beans	27	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	283	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	4,805	4,805	4,805	4,805	100.0	100.0	100.0	36	293	36	15	122	15
Vegetables	60,450	46,732	46,732	46,732	77.3	77.3	77.3	646	897	897	28	38	38
Potatoes	5,975	5,651	5,651	5,651	94.6	94.6	94.6	44	133	400	16	47	142
Nursery and greenhouse	173	173	173	173	100.0	100.0	100.0	9	9	9	104	104	104
Small fruits	101	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,148	115	115	115	10.0	10.0	10.0	1	1	1	17	17	17
Intertilled crops	1,756,487	753,555	767,399	767,399	43.9	43.7	43.7	12,277	16,379	16,389	33	43	43
Wheat	82,548	8,255	8,255	8,255	10.0	10.0	10.0	50	99	99	12	24	24
Oats	402,154	4,022	4,022	4,022	1.0	1.0	1.0	13	26	26	6	13	13
Barley	9,155	---	---	---	---	---	---	---	---	---	---	---	---
Other small grain	6,863	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	27,786	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	527,906	12,277	12,277	12,277	2.3	2.3	2.3	63	125	125	10	20	20

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	502,695	---	48,860	48,860	---	9.7	9.7	---	1,230	1,230	---	50	50
Improved permanent pasture	240,465	5,387	5,387	5,387	2.2	2.2	2.2	47	94	94	17	35	35
Hay and pasture	743,160	5,387	54,247	54,247	0.7	7.3	7.3	47	1,324	1,324	17	49	49
Total	3,027,553	771,219	833,923	833,923	25.5	27.5	27.5	12,387	17,828	17,838	32	43	43
Wisconsin:													
Corn	373,357	321,992	321,992	321,992	86.2	86.2	86.2	2,647	5,320	5,200	16	33	32
Soybeans	1,830	620	620	620	33.9	33.9	33.9	1	10	35	3	32	113
Dry beans	1	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	43	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	1,330	997	997	997	75.0	75.0	75.0	43	10	60	86	20	120
Vegetables	7,219	1,500	1,500	1,500	20.8	20.8	20.8	33	46	49	44	61	65
Potatoes	204	20	20	20	9.8	9.8	9.8	---	1	1	45	100	100
Nursery and greenhouse	59	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	64	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,331	500	500	500	37.6	37.6	37.6	5	2	5	20	8	20
Intertilled crops	385,438	325,629	325,629	325,629	84.5	84.5	84.5	2,729	5,389	5,350	17	33	33
Wheat	1,066	300	300	300	28.1	28.1	28.1	1	3	9	7	20	60
Rye	698	---	---	---	---	---	---	---	---	---	---	---	---
Buckwheat	34	---	---	---	---	---	---	---	---	---	---	---	---
Oats	213,102	48,307	48,307	48,307	22.7	22.7	22.7	50	650	1,500	2	27	62
Barley	1,615	300	300	300	18.6	18.6	18.6	1	3	9	7	20	60
Wild hay	459	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	216,974	48,907	48,907	48,907	22.5	22.5	22.5	52	656	1,518	2	27	62
Tame hay and cropland pasture	591,128	23,595	23,595	23,595	4.0	4.0	4.0	10	350	1,030	1	30	87
Improved permanent pasture	399,448	8,580	8,580	8,580	2.1	2.1	2.1	185	125	125	43	29	29
Hay and pasture	990,576	32,175	32,175	32,175	3.2	3.2	3.2	195	475	1,155	12	30	72
Total	1,592,988	406,711	406,711	406,711	25.5	25.5	25.5	2,976	6,520	8,023	15	32	39
Total:													
Corn	4,750,265	3,020,079	3,195,230	2,976,291	63.6	67.3	62.7	35,067	60,531	55,987	23	38	38
Sorghum	4,459	1,299	1,517	1,244	29.1	34.0	27.9	11	25	13	17	33	21
Soybeans	740,383	6,734	36,964	31,869	0.9	5.0	4.3	16	625	545	5	34	34
Dry beans	28	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	326	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	1,330	997	997	997	75.0	75.0	75.0	43	10	60	86	20	120
Sugar beets	4,805	4,805	4,805	4,805	100.0	100.0	100.0	36	293	36	15	122	15
Vegetables	131,356	102,851	102,851	102,851	78.3	78.3	78.3	1,164	2,663	1,843	23	52	36
Potatoes	7,582	7,041	7,041	7,041	92.9	92.9	92.9	55	163	441	16	46	125
Popcorn	3,335	731	1,170	619	21.9	35.1	18.6	18	50	50	49	85	162
Nursery and greenhouse	1,318	923	923	923	70.0	70.0	70.0	27	26	26	58	56	56
Small fruits	353	90	90	90	25.5	25.5	25.5	2	4	4	44	89	89
Tree fruits	3,976	1,434	1,209	1,209	36.1	30.4	30.4	22	6	9	31	10	15
Intertilled crops	5,649,516	3,146,984	3,352,797	3,127,939	55.7	59.3	55.4	36,461	64,396	59,014	23	38	38
Wheat	103,658	12,289	13,721	11,930	11.9	13.2	11.5	91	215	176	15	31	30
Rye	4,143	218	287	201	5.3	6.9	4.9	2	7	5	18	49	50
Buckwheat	34	---	---	---	---	---	---	---	---	---	---	---	---
Oats	1,797,914	121,785	129,062	119,961	6.8	7.2	6.7	289	1,972	2,313	5	31	39
Barley	17,671	1,044	1,259	990	5.9	7.1	5.6	5	29	19	10	46	38
Flax	69	7	7	7	10.1	10.1	10.1	---	---	---	5	10	10
Other small grain	6,263	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	28,245	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,957,997	135,343	144,356	133,089	6.9	7.4	6.8	387	2,223	2,513	6	31	38
Tame hay and cropland pasture	2,812,582	23,595	133,500	123,453	0.8	4.7	4.4	10	2,702	3,519	1	40	57
Improved permanent pasture	1,284,619	19,602	22,147	20,874	1.5	1.7	1.6	288	286	285	29	26	27
Hay and pasture	4,097,201	43,197	155,647	144,327	1.1	3.8	3.5	298	2,988	3,804	14	38	53
Total	11,704,714	3,325,524	3,652,800	3,405,355	28.4	31.2	29.1	37,146	69,607	65,331	22	38	38
ASR-58, PORTION IN:													
Illinois:													
Corn	1,635,231	363,986	218,392	218,392	22.3	13.4	13.4	10,847	5,101	7,287	60	47	67
Sorghum	2,901	725	435	435	25.0	15.0	15.0	11	11	5	30	51	23
Soybeans	302,989	9,607	5,764	5,764	3.2	1.9	1.9	24	172	232	5	60	80
Vegetables	11,118	8,775	8,775	8,775	78.9	78.9	78.9	89	407	233	20	93	53
Potatoes	440	396	396	396	90.0	90.0	90.0	8	12	12	40	61	61
Sweet potatoes	12	10	10	10	83.3	83.3	83.3	---	---	---	15	61	61
Popcorn	190	43	26	26	22.6	13.7	13.7	1	1	1	47	77	77
Nursery and greenhouse	403	161	161	161	40.0	40.0	40.0	11	11	11	137	137	137
Small fruits	112	112	112	112	100.0	100.0	100.0	3	6	6	54	107	107
Tree fruits	2,179	2,179	2,179	2,179	100.0	100.0	100.0	54	11	11	50	10	10
Miscellaneous	299	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	1,955,874	385,994	236,250	236,250	19.7	12.1	12.1	11,048	5,732	7,798	57	49	66

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COMMERCIAL FERTILIZER USED ON CROPS AND PASTURE IN THE UNITED STATES
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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	91,883	21,236	12,742	12,742	23.1	13.9	13.9	241	370	444	23	58	70
Rye	4,553	341	205	205	7.5	4.5	4.5	6	5	8	35	49	78
Oats	474,416	20,542	12,325	12,325	4.3	2.6	2.6	154	45	432	15	7	70
Barley	1,044	209	125	125	20.0	12.0	12.0	2	4	3	19	64	48
Seed crops	2,698	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	574,594	42,328	25,397	25,397	7.4	4.4	4.4	403	424	887	19	33	70
Tame hay and cropland pasture	674,603	---	11,684	11,684	---	1.7	1.7	---	177	513	---	30	88
Improved permanent pasture	400,992	---	2,079	2,079	---	0.5	0.5	---	32	85	---	31	82
Hay and pasture	1,075,595	---	13,763	13,763	---	1.3	1.3	---	209	598	---	30	87
Total	3,606,063	428,322	275,410	275,410	11.9	7.6	7.6	11,451	6,365	9,283	54	46	67
Iowa:													
Corn	2,794,727	1,329,889	1,329,889	1,277,200	47.6	47.6	45.7	16,600	16,500	6,386	25	25	10
Sorghum	8,563	2,997	2,997	2,997	35.0	35.0	35.0	30	37	15	20	25	10
Soybeans	343,950	---	7,060	7,060	---	2.1	2.1	---	36	18	---	10	5
Vegetables	22,314	18,816	18,816	3,763	84.3	84.3	16.9	57	94	10	6	10	5
Potatoes	411	411	411	411	100.0	100.0	100.0	2	7	7	10	34	34
Sweet potatoes	351	351	351	351	100.0	100.0	100.0	7	14	7	40	80	40
Popcorn	651	228	228	228	35.0	35.0	35.0	1	1	---	9	9	4
Nursery and greenhouse	516	516	516	516	100.0	100.0	100.0	6	4	3	23	16	12
Small fruits	218	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	2,482	620	---	---	25.0	---	---	3	---	---	10	---	---
Miscellaneous	1,372	602	602	602	43.9	43.9	43.9	3	3	3	10	10	10
Intertilled crops	3,175,365	1,354,430	1,360,870	1,293,128	42.7	42.9	40.7	16,709	16,696	6,449	25	25	10
Wheat	24,144	7,491	7,491	3,745	31.0	31.0	15.5	76	38	21	20	10	11
Rye	2,859	286	286	114	10.0	10.0	4.0	1	6	1	7	42	18
Oats	988,994	60,793	60,793	24,283	6.1	6.1	2.5	180	1,153	122	6	38	10
Barley	3,137	314	314	126	10.0	10.0	4.0	1	7	1	6	45	16
Flax	60	6	6	2	10.0	10.0	3.3	---	---	---	6	10	10
Close-growing crops	1,019,194	68,890	68,890	28,270	6.8	6.8	2.8	258	1,204	145	7	35	10
Tame hay and cropland pasture	1,787,160	---	42,960	42,960	---	2.4	2.4	---	860	860	---	40	40
Improved permanent pasture	701,985	6,345	6,345	---	0.9	0.9	---	63	32	---	20	10	---
Hay and pasture	2,489,145	6,345	49,305	42,960	0.3	2.0	1.7	63	892	860	20	36	40
Total	6,683,704	1,429,665	1,479,065	1,364,358	21.4	22.1	20.4	17,030	18,792	7,454	24	25	11
Total:													
Corn	4,429,758	1,693,875	1,548,281	1,495,592	38.2	35.0	33.8	27,447	21,601	13,673	32	28	18
Sorghum	11,464	3,722	3,432	3,432	32.5	29.9	29.9	41	48	20	22	28	12
Soybeans	646,949	9,607	824	12,824	1.5	2.0	2.0	24	208	250	5	32	39
Vegetables	33,432	27,591	..,591	12,538	82.5	82.5	37.5	146	501	243	11	36	39
Potatoes	851	807	807	807	94.8	94.8	94.8	10	19	19	25	47	47
Sweet potatoes	363	361	361	361	99.4	99.4	99.4	7	14	7	39	78	39
Popcorn	841	271	254	254	32.2	30.2	30.2	2	2	1	15	16	8
Nursery and greenhouse	919	677	677	677	73.7	73.7	73.7	17	15	14	50	44	41
Small fruits	330	112	112	112	33.9	33.9	33.9	3	6	6	54	107	107
Tree fruits	4,661	2,799	2,179	2,179	60.0	46.7	46.7	57	11	11	41	10	10
Miscellaneous	1,671	602	602	602	36.0	36.0	36.0	3	3	3	10	10	10
Intertilled crops	5,131,239	1,740,424	1,597,120	1,529,378	33.9	31.1	29.8	27,757	22,428	14,247	32	28	19
Wheat	116,027	28,727	20,233	16,487	24.8	17.4	14.2	317	408	465	22	40	56
Rye	7,412	627	491	319	8.5	6.6	4.3	7	11	9	22	45	56
Oats	1,463,410	81,335	73,118	36,603	5.6	5.0	2.5	334	1,198	554	8	33	30
Barley	4,181	523	439	251	12.5	10.5	6.0	3	11	4	11	50	32
Flax	60	6	6	2	10.0	10.0	3.3	---	---	---	6	10	10
Seed crops	2,698	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,593,788	111,218	94,287	53,667	7.0	5.9	3.4	661	1,628	1,032	12	35	38
Tame hay and cropland pasture	2,461,763	---	54,644	54,644	---	2.2	2.2	---	1,037	1,373	---	38	50
Improved permanent pasture	1,102,977	6,345	8,424	2,079	0.6	0.8	0.2	63	64	85	20	15	82
Hay and pasture	3,564,740	6,345	63,068	56,723	0.2	1.8	1.6	63	1,101	1,458	20	35	51
Total	10,289,767	1,857,987	1,754,475	1,639,768	18.1	17.0	15.9	28,481	25,157	16,737	31	29	20
ASR-59, PORTION IN:													
Illinois:													
Corn	925,769	487,055	243,528	152,205	52.7	26.3	16.4	14,510	5,615	5,038	60	46	66
Sorghum	3,532	1,448	724	452	41.0	20.5	12.8	22	19	5	30	52	22
Soybeans	521,437	24,272	12,136	7,585	4.7	2.3	1.5	61	366	305	5	60	80
Vegetables	4,544	2,822	2,822	2,822	62.1	62.1	62.1	35	85	52	25	60	37
Potatoes	110	99	99	99	90.0	90.0	90.0	3	3	3	61	61	61
Sweet potatoes	23	18	18	18	78.3	78.3	78.3	---	1	1	15	111	111
Popcorn	738	354	177	111	48.0	24.0	15.0	10	10	10	56	113	180
Nursery and greenhouse	139	58	58	58	41.7	41.7	41.7	4	4	4	138	138	138
Small fruits	164	164	164	164	100.0	100.0	100.0	4	8	8	49	98	98
Tree fruits	7,100	7,100	7,100	7,100	100.0	100.0	100.0	177	36	36	50	10	10
Miscellaneous	2,601	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	1,466,157	523,390	266,826	170,614	35.7	18.2	11.6	14,826	6,147	5,462	57	46	64

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	263,707	148,373	74,186	46,366	56.3	28.1	17.6	1,689	2,221	1,676	23	60	72
Rye	5,166	620	310	194	12.0	6.0	3.8	10	7	8	32	45	82
Oats	80,495	6,122	3,061	1,913	7.6	3.8	2.4	46	119	68	15	78	71
Barley	5,978	1,913	956	598	32.0	16.0	10.0	16	28	18	17	59	60
Seed crops	2,849	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	358,195	157,028	78,513	49,071	43.8	21.9	13.7	1,761	2,375	1,770	22	60	72
Tame hay and cropland pasture	394,890	---	11,942	7,463	---	3.0	1.9	---	180	328	---	30	88
Improved permanent pasture	332,083	---	2,905	1,816	---	0.9	0.5	---	44	74	---	30	81
Hay and pasture	726,973	---	14,847	9,279	---	2.0	1.3	---	224	402	---	30	87
Total	2,551,325	680,418	360,186	228,964	26.7	14.1	9.0	16,587	8,746	7,634	49	49	67
Iowa:													
Corn	1,198,343	288,210	288,210	288,210	24.1	24.1	24.1	5,764	4,907	3,313	40	34	23
Sorghum	19,016	6,656	6,656	6,656	35.0	35.0	35.0	70	99	34	21	30	10
Soybeans	353,914	---	9,415	9,415	---	2.7	2.7	---	40	24	---	8	5
Vegetables	9,205	7,019	7,019	7,019	76.3	76.3	76.3	21	34	13	6	10	4
Potatoes	129	129	129	129	100.0	100.0	100.0	1	2	3	16	31	47
Sweet potatoes	19	19	19	19	100.0	100.0	100.0	---	---	---	40	80	40
Popcorn	116	41	41	41	35.3	35.3	35.3	---	---	---	6	10	4
Nursery and greenhouse	228	228	228	228	100.0	100.0	100.0	2	1	1	18	9	9
Small fruits	110	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,675	419	---	---	25.0	---	---	2	---	---	10	---	---
Miscellaneous	22,798	2,189	2,189	2,189	9.6	9.6	9.6	10	10	12	9	9	11
Intertilled crops	1,605,553	304,910	313,906	313,906	19.0	19.6	19.6	5,870	5,093	3,400	38	32	22
Wheat	34,733	6,376	6,376	6,376	18.4	18.4	18.4	65	32	18	20	10	6
Rye	2,315	232	232	232	10.0	10.0	10.0	1	4	1	9	34	9
Oats	396,828	36,955	36,955	36,955	9.3	9.3	9.3	110	664	92	6	36	5
Barley	1,395	140	140	140	10.0	10.0	10.0	---	2	---	6	29	5
Flax	7	1	1	1	14.3	14.3	14.3	---	---	---	6	10	5
Close-growing crops	435,278	43,704	43,704	43,704	10.0	10.0	10.0	176	702	111	8	32	5
Tame hay and cropland pasture	1,251,559	---	47,704	47,704	---	3.8	3.8	---	716	716	---	30	30
Improved permanent pasture	1,260,215	9,276	9,276	---	0.7	0.7	---	93	47	---	20	10	---
Hay and pasture	2,511,774	9,276	56,980	47,704	0.4	2.3	1.9	93	763	716	20	27	30
Total	4,552,605	357,890	414,590	405,314	7.9	9.1	8.9	6,139	6,558	4,227	34	32	21
Missouri:													
Corn	1,567,043	1,122,945	1,122,945	1,122,945	71.7	71.7	71.7	27,883	16,247	15,122	50	29	27
Sorghum	123,217	62,724	62,724	62,724	50.9	50.9	50.9	1,568	940	846	50	30	27
Soybeans	969,038	---	63,663	63,663	---	6.6	6.6	---	956	956	---	30	30
Tobacco	339	339	339	339	100.0	100.0	100.0	3	8	10	18	47	59
Vegetables	20,239	10,504	10,504	10,504	51.9	51.9	51.9	343	345	343	65	66	65
Potatoes	375	263	263	263	70.1	70.1	70.1	6	8	10	46	61	76
Sweet potatoes	65	65	65	65	100.0	100.0	100.0	3	2	2	92	62	62
Popcorn	960	864	864	864	90.0	90.0	90.0	30	22	17	69	51	39
Nursery and greenhouse	1,084	1,084	1,084	1,084	100.0	100.0	100.0	32	32	32	59	59	59
Small fruits	122	36	36	36	29.5	29.5	29.5	1	1	1	56	56	56
Tree fruits	4,178	1,253	1,253	1,253	30.0	30.0	30.0	19	6	6	30	10	10
Miscellaneous	45,066	1,490	1,490	1,490	3.3	3.3	3.3	5	9	5	7	12	7
Intertilled crops	2,731,726	1,201,567	1,265,230	1,265,230	44.0	46.3	46.3	29,893	18,576	17,350	50	29	27
Wheat	445,100	352,089	352,089	352,089	79.1	79.1	79.1	3,521	4,929	3,698	20	28	21
Rye	10,865	6,519	6,519	6,519	60.0	60.0	60.0	65	91	72	20	28	22
Oats	149,221	50,000	50,000	50,000	33.5	33.5	33.5	450	675	500	18	27	20
Barley	23,893	10,000	10,000	10,000	41.9	41.9	41.9	100	140	110	20	28	22
Wild hay	15,268	305	305	305	2.0	2.0	2.0	1	2	1	7	13	7
Close-growing crops	644,347	418,913	418,913	418,913	65.0	65.0	65.0	4,137	5,837	4,381	20	28	21
Tame hay and cropland pasture	2,102,207	134,791	134,791	134,791	6.4	6.4	6.4	1,281	2,022	1,348	19	30	20
Improved permanent pasture	2,141,842	49,142	49,142	49,142	2.3	2.3	2.3	147	295	147	6	12	6
Hay and pasture	4,244,049	183,933	183,933	183,933	4.3	4.3	4.3	1,428	2,317	1,495	16	25	16
Total	7,620,122	1,804,413	1,868,076	1,862,076	23.7	24.5	24.5	35,458	26,730	23,226	39	29	25
Total:													
Corn	3,691,155	1,898,210	1,654,683	1,563,360	51.4	44.8	42.4	48,157	26,769	23,473	51	32	30
Sorghum	145,765	70,828	70,104	69,832	48.6	48.1	47.9	1,660	1,058	885	47	30	25
Soybeans	1,844,389	24,272	85,214	80,663	1.3	4.6	4.4	61	1,362	1,285	5	32	32
Tobacco	339	339	339	339	100.0	100.0	100.0	3	8	10	18	47	59
Vegetables	33,988	20,345	20,345	20,345	59.9	59.9	59.9	399	464	408	39	46	40
Potatoes	614	491	491	491	80.0	80.0	80.0	10	13	16	41	53	65
Sweet potatoes	107	102	102	102	95.3	95.3	95.3	3	3	3	59	59	59
Popcorn	1,814	1,259	1,082	1,016	69.4	59.6	56.0	40	32	27	64	59	53
Nursery and greenhouse	1,451	1,370	1,370	1,370	94.4	94.4	94.4	38	37	37	55	54	54
Small fruits	396	200	200	200	50.5	50.5	50.5	5	9	9	50	90	90
Tree fruits	12,953	8,772	8,353	8,353	67.7	64.5	64.5	198	42	42	45	10	10
Miscellaneous	70,465	3,679	3,679	3,679	5.2	5.2	5.2	15	19	17	8	10	9
Intertilled crops	5,803,436	2,029,867	1,845,962	1,743,750	35.0	31.8	30.2	50,589	29,816	26,212	50	32	30

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	743,540	506,838	432,651	404,831	68.2	58.2	54.4	5,275	7,182	5,392	21	33	27
Rye	18,346	7,371	7,061	6,945	40.2	38.5	37.9	76	102	81	21	29	23
Oats	626,544	93,077	90,016	88,868	14.9	14.4	14.2	606	1,458	660	13	32	15
Barley	31,266	12,053	11,096	10,738	38.5	35.5	34.3	116	170	128	19	31	24
Flax	7	1	1	1	14.3	14.3	14.3	---	---	---	---	---	---
Seed crops	2,849	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	15,268	305	305	305	2.0	2.0	2.0	1	2	1	7	13	7
Close-growing crops	1,437,820	619,645	541,130	511,688	43.1	37.6	35.6	6,074	8,914	6,262	20	33	24
Tame hay and cropland pasture	3,740,656	134,791	194,437	189,958	3.6	5.2	5.1	1,281	2,918	2,392	19	30	25
Improved permanent pasture	3,734,140	58,418	61,323	50,958	1.6	1.6	1.4	240	386	221	8	13	9
Hay and pasture	7,482,796	193,209	255,760	240,916	2.6	3.4	3.2	1,521	3,304	2,613	16	26	22
Total	14,724,052	2,842,721	2,642,352	2,502,354	19.3	17.9	17.0	58,184	42,034	35,087	41	32	28
ASR-60, PORTION IN:													
Illinois:													
Corn	589,163	222,715	334,072	378,615	37.8	56.7	64.3	6,661	7,706	12,596	60	46	67
Sorghum	8,100	1,822	2,734	3,098	22.5	33.8	38.2	27	69	31	30	50	20
Soybeans	547,779	31,296	46,945	53,204	5.7	8.6	9.7	78	1,411	2,125	5	60	80
Vegetables	7,457	5,484	5,484	5,484	73.5	73.5	73.5	160	241	129	58	88	47
Potatoes	298	268	268	268	89.9	89.9	89.9	5	8	8	37	60	60
Sweet potatoes	54	43	43	43	79.6	79.6	79.6	---	1	1	12	47	47
Popcorn	295	112	168	190	38.0	56.9	64.4	3	4	4	54	48	42
Nursery and greenhouse	645	445	445	445	69.0	69.0	69.0	30	30	30	135	135	135
Small fruits	631	631	631	631	100.0	100.0	100.0	15	32	32	48	101	101
Tree fruits	2,224	2,224	2,224	2,224	100.0	100.0	100.0	71	18	18	64	16	16
Intertilled crops	1,156,646	265,040	393,014	444,202	22.9	34.0	38.4	7,050	9,520	14,974	53	48	67
Wheat	333,887	130,725	196,087	222,232	39.2	58.7	66.6	1,488	5,896	8,007	23	60	72
Rye	3,591	234	352	399	6.5	9.8	11.1	4	10	10	34	57	50
Oats	50,471	2,281	3,421	3,878	4.5	6.8	7.7	17	130	29	15	76	15
Barley	23,254	4,069	6,104	6,918	17.5	26.2	29.7	34	183	208	17	60	60
Seed crops	239	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	411,442	137,309	205,964	233,427	33.4	50.1	56.7	1,543	6,219	8,254	22	60	71
Tame hay and cropland pasture	298,154	---	14,715	16,677	---	4.9	5.6	---	222	731	---	30	88
Improved permanent pasture	193,178	---	2,880	3,264	---	1.5	1.7	---	44	134	---	31	82
Hay and pasture	491,332	---	17,595	19,941	---	3.6	4.1	---	266	865	---	30	87
Total	2,059,420	402,349	616,573	697,570	19.5	29.9	33.9	8,593	16,005	24,093	43	52	69
Missouri:													
Corn	421,225	311,452	311,452	311,452	73.9	73.9	73.9	7,786	4,516	4,205	50	29	27
Sorghum	19,497	11,410	11,410	11,410	58.5	58.5	58.5	294	176	158	52	31	28
Soybeans	90,896	---	8,155	8,155	---	9.0	9.0	---	122	122	---	30	30
Cotton	328	328	328	328	100.0	100.0	100.0	8	8	8	49	49	49
Tobacco	12	12	12	12	100.0	100.0	100.0	---	---	---	20	50	60
Vegetables	11,504	7,258	7,258	7,258	63.1	63.1	63.1	243	251	243	67	69	67
Potatoes	770	539	539	539	70.0	70.0	70.0	12	16	20	45	59	74
Sweet potatoes	458	458	458	458	100.0	100.0	100.0	18	13	13	79	57	57
Popcorn	122	110	110	110	90.2	90.2	90.2	4	3	2	72	55	36
Nursery and greenhouse	724	724	724	724	100.0	100.0	100.0	22	22	22	61	61	61
Small fruits	489	147	147	147	30.1	30.1	30.1	3	3	3	41	41	41
Tree fruits	3,373	1,012	1,012	1,012	30.0	30.0	30.0	15	5	5	30	10	10
Intertilled crops	549,398	333,450	341,605	341,605	60.7	62.2	62.2	8,405	5,135	4,801	50	30	28
Wheat	176,713	139,588	139,588	139,588	79.0	79.0	79.0	1,396	1,954	1,466	20	28	21
Rye	2,378	1,427	1,427	1,427	60.0	60.0	60.0	14	20	16	20	28	22
Oats	54,386	40,000	40,000	40,000	73.5	73.5	73.5	360	540	400	18	27	20
Barley	35,695	20,000	20,000	20,000	56.0	56.0	56.0	200	280	220	20	28	22
Wild hay	5,315	101	101	101	1.9	1.9	1.9	1	1	1	20	20	20
Close-growing crops	274,487	201,116	201,116	201,116	73.3	73.3	73.3	1,971	2,795	2,103	20	28	21
Tame hay and cropland pasture	707,686	44,833	44,833	44,833	6.3	6.3	6.3	426	672	448	19	30	20
Improved permanent pasture	279,667	10,656	10,656	10,656	3.8	3.8	3.8	32	64	32	6	12	6
Hay and pasture	987,353	55,489	55,489	55,489	5.6	5.6	5.6	458	736	480	17	27	17
Total	1,811,238	590,055	598,210	598,210	32.6	33.0	33.0	10,834	8,666	7,384	37	29	25
Total:													
Corn	1,010,388	534,167	645,524	690,067	52.9	63.9	68.3	14,447	12,222	16,801	54	38	49
Sorghum	27,597	13,232	14,144	14,508	47.9	51.3	52.6	321	245	189	49	35	26
Soybeans	638,675	31,296	55,100	61,359	4.9	8.6	9.6	78	1,533	2,247	5	56	73
Cotton	328	328	328	328	100.0	100.0	100.0	8	8	8	49	49	49
Tobacco	12	12	12	12	100.0	100.0	100.0	---	---	---	20	50	60
Vegetables	18,961	12,742	12,742	12,742	67.2	67.2	67.2	403	492	372	63	77	58
Potatoes	1,068	807	807	807	75.6	75.6	75.6	17	24	28	42	59	69
Sweet potatoes	512	501	501	501	97.9	97.9	97.9	18	14	14	72	55	56
Popcorn	417	222	278	300	53.2	66.7	71.9	7	7	6	63	50	40

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Nursery and greenhouse	1,369	1,169	1,169	1,169	85.4	85.4	85.4	52	52	52	89	89	89
Small fruits	1,120	778	778	778	69.5	69.5	69.5	18	35	35	46	90	90
Tree fruits	5,597	3,236	3,236	3,236	57.8	57.8	57.8	86	23	23	53	14	14
Intertilled crops	1,706,044	598,490	734,619	785,807	35.1	43.1	46.1	15,455	14,655	19,775	52	40	50
Wheat	510,600	270,313	335,675	361,820	52.9	65.7	70.9	2,884	7,850	9,473	21	47	52
Rye	5,969	1,661	1,779	1,826	27.8	29.8	30.6	18	30	26	22	34	28
Oats	104,857	42,281	43,421	43,878	40.3	41.4	41.8	377	670	429	18	31	20
Barley	58,949	24,069	26,104	26,918	40.8	44.3	45.7	234	463	428	19	35	32
Seed crops	239	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	5,315	101	101	101	1.9	1.9	1.9	1	1	1	20	20	20
Close-growing crops	685,929	338,425	407,080	434,543	49.3	59.3	63.4	3,514	9,014	10,357	21	44	48
Tame hay and cropland pasture	1,605,840	44,833	59,548	61,510	4.5	5.9	6.1	426	894	1,179	19	30	38
Improved permanent pasture	472,845	10,656	13,536	13,920	2.3	2.9	2.9	32	108	166	6	16	24
Hay and pasture	1,478,685	55,489	73,084	75,430	3.8	4.9	5.1	458	1,002	1,345	16	27	36
Total	3,870,658	992,404	1,214,783	1,295,780	25.6	31.4	33.5	19,427	24,671	31,477	39	41	49
ASR-61, PORTION IN:													
Arkansas:													
Corn	43,131	28,648	22,918	22,918	66.4	53.1	53.1	404	369	245	28	32	21
Sorghum	10,872	2,038	2,446	2,446	18.7	22.5	22.5	24	49	24	24	40	20
Soybeans	2,093	349	388	388	16.7	18.5	18.5	2	4	3	11	21	15
Cowpeas	619	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	170	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	4,261	4,261	4,261	4,261	100.0	100.0	100.0	64	53	43	30	25	20
Vegetables	8,969	2,177	2,177	2,177	24.3	24.3	24.3	90	103	64	83	95	59
Potatoes	764	573	573	573	75.0	75.0	75.0	9	14	9	31	49	31
Sweet potatoes	110	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	8	8	8	8	100.0	100.0	100.0	1	2	1	250	500	250
Small fruits	2,007	1,204	1,204	1,204	60.0	60.0	60.0	16	32	16	27	53	27
Tree fruits	1,527	603	603	603	39.5	39.5	39.5	16	16	8	53	53	27
Intertilled crops	74,531	39,861	34,578	34,578	53.5	46.4	46.4	626	642	413	31	37	24
Wheat	697	348	313	313	49.9	44.9	44.9	5	4	3	29	26	19
Oats	1,738	869	782	782	50.0	45.0	45.0	22	13	9	51	33	23
Barley	233	116	104	104	49.8	44.6	44.6	3	2	1	52	38	19
Wild hay	17,321	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	19,989	1,333	1,199	1,199	6.7	6.0	6.0	30	19	13	45	32	22
Tame hay and cropland pasture	592,802	29,651	37,557	25,697	5.0	6.3	4.3	100	690	395	7	37	31
Improved permanent pasture	273,469	5,515	9,191	7,353	2.0	3.4	2.7	92	147	69	33	32	19
Hay and pasture	866,271	35,166	46,748	33,050	4.1	5.4	3.8	192	837	464	11	36	28
Total	960,791	76,360	82,525	68,827	7.9	8.6	7.2	848	1,498	890	22	36	26
Missouri:													
Corn	312,980	256,767	256,767	256,767	82.0	82.0	82.0	6,419	3,723	3,466	50	29	27
Sorghum	84,866	70,892	70,892	70,892	83.5	83.5	83.5	1,772	1,063	957	50	30	27
Soybeans	18,473	---	4,764	4,764	---	25.8	25.8	---	71	71	---	30	30
Cotton	1,794	1,794	1,794	1,794	100.0	100.0	100.0	45	45	45	50	50	50
Tobacco	9	9	9	9	100.0	100.0	100.0	---	---	---	20	50	60
Vegetables	19,111	9,916	9,916	9,916	51.9	51.9	51.9	324	326	324	65	66	65
Potatoes	953	667	667	667	70.0	70.0	70.0	15	20	25	45	60	75
Sweet potatoes	110	110	110	110	100.0	100.0	100.0	4	3	3	73	55	55
Popcorn	63	57	57	57	90.5	90.5	90.5	2	1	1	70	35	35
Nursery and greenhouse	120	120	120	120	100.0	100.0	100.0	4	4	4	67	67	67
Small fruits	295	88	88	88	29.8	29.8	29.8	2	2	2	45	45	45
Tree fruits	7,198	2,159	2,159	2,159	30.0	30.0	30.0	32	11	11	30	10	10
Intertilled crops	445,972	342,579	347,343	347,343	76.8	77.9	77.9	8,619	5,269	4,909	50	30	28
Wheat	82,084	74,277	74,277	74,277	90.5	90.5	90.5	743	1,040	780	20	28	21
Rye	3,291	1,975	1,975	1,975	60.0	60.0	60.0	20	28	22	20	28	22
Oats	61,451	50,000	50,000	50,000	75.2	75.2	75.2	450	675	500	18	27	20
Barley	23,383	15,000	15,000	15,000	64.1	64.1	64.1	150	210	165	20	28	22
Wild hay	47,058	944	944	944	2.0	2.0	2.0	3	6	3	6	13	6
Close-growing crops	217,267	142,196	142,196	142,196	65.4	65.4	65.4	1,366	1,959	1,470	19	28	21
Tame hay and cropland pasture	2,116,408	167,710	167,710	167,710	7.9	7.9	7.9	1,593	2,516	1,677	19	30	20
Improved permanent pasture	1,036,164	32,914	32,914	32,914	3.2	3.2	3.2	99	197	99	6	12	6
Hay and pasture	3,152,572	200,624	200,624	200,624	6.4	6.4	6.4	1,692	2,713	1,776	17	27	18
Total	3,815,811	685,399	690,163	690,163	18.1	18.1	18.	11,677	9,941	8,155	34	29	24
Total:													
Corn	356,111	285,415	279,685	279,685	80.1	78.5	78.5	6,823	4,092	3,711	48	29	27
Sorghum	95,738	72,930	73,338	73,338	76.2	76.6	76.6	1,796	1,112	981	49	30	27
Soybeans	20,566	349	5,152	5,152	1.7	25.1	25.1	2	75	74	11	29	29

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Cowpeas	619	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	170	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	6,055	6,055	6,055	6,055	100.0	100.0	100.0	109	98	88	36	32	29
Tobacco	9	9	9	9	100.0	100.0	100.0	---	---	---	20	50	60
Vegetables	28,080	12,093	12,093	12,093	43.1	43.1	43.1	414	429	388	68	71	64
Potatoes	1,717	1,240	1,240	1,240	72.2	72.2	72.2	24	34	34	39	55	55
Sweet potatoes	220	110	110	110	50.0	50.0	50.0	4	3	3	73	55	55
Popcorn	63	57	57	57	90.5	90.5	90.5	2	1	1	70	35	35
Nursery and greenhouse	128	128	128	128	100.0	100.0	100.0	5	6	5	78	94	78
Small fruits	2,302	1,292	1,292	1,292	56.1	56.1	56.1	18	34	18	28	53	28
Tree fruits	8,725	2,762	2,762	2,762	31.7	31.7	31.7	48	27	19	35	20	14
Intertilled crops	520,503	382,440	381,921	381,921	73.5	73.4	73.4	9,245	5,911	5,322	48	31	28
Wheat	82,781	74,625	74,590	74,590	90.1	90.1	90.1	748	1,044	783	20	28	21
Rye	3,291	1,975	1,975	1,975	60.0	60.0	60.0	20	28	22	20	28	22
Oats	63,189	50,869	50,782	50,782	80.5	80.4	80.4	472	688	509	19	27	20
Barley	23,616	15,116	15,104	15,104	64.0	64.0	64.0	153	212	166	20	28	22
Wild hay	64,379	944	944	944	1.5	1.5	1.5	3	6	3	6	13	6
Close-growing crops	237,256	143,529	143,395	143,395	60.5	60.4	60.4	1,38	1,978	1,483	19	28	21
Tame hay and cropland pasture	2,709,210	197,361	205,267	193,407	7.3	7.6	7.1	1,69:	3,206	2,072	17	31	21
Improved permanent pasture	1,309,633	38,429	42,105	40,267	2.9	3.2	3.1	191	344	168	10	16	8
Hay and pasture	4,018,843	235,790	247,372	233,674	5.9	6.2	5.8	1,884	3,550	2,240	16	29	19
Total	4,776,602	761,759	772,688	758,990	15.9	16.2	15.9	12,525	11,439	9,045	33	30	24
ASR-62, PORTION IN:													
Arkansas:													
Corn	93,423	53,088	42,470	42,470	56.8	45.5	45.5	1,062	796	664	40	37	31
Sorghum	19,675	4,426	3,541	3,541	22.5	18.0	18.0	118	88	44	53	50	25
Soybeans	185,843	8,656	11,542	11,542	4.7	6.2	6.2	58	144	144	13	25	25
Cowpeas	3,870	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	1,196	548	548	548	45.8	45.8	45.8	4	9	4	15	33	15
Cotton	63,203	63,203	50,562	50,562	100.0	80.0	80.0	1,908	1,311	1,006	60	52	40
Vegetables	26,186	16,399	14,229	14,229	62.6	54.3	54.3	467	386	262	57	54	37
Potatoes	1,903	1,427	1,427	1,427	75.0	75.0	75.0	50	50	36	70	70	50
Sweet potatoes	1,077	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	254	254	254	254	100.0	100.0	100.0	25	50	25	197	394	197
Small fruits	2,238	1,343	1,343	1,343	60.0	60.0	60.0	35	54	35	52	80	52
Tree fruits	10,690	4,022	4,022	4,022	37.6	37.6	37.6	120	80	40	60	40	20
Intertilled crops	409,558	153,366	129,938	129,938	37.4	31.7	31.7	3,847	2,968	2,260	50	46	35
Wheat	22,152	11,071	8,857	8,857	50.0	40.0	40.0	277	166	111	50	37	25
Rice	6,071	5,761	2,304	2,304	94.9	38.0	38.0	173	14	72	60	12	63
Oats	19,228	9,614	7,211	7,211	50.0	37.5	37.5	288	144	96	60	40	27
Barley	2,176	653	490	490	30.0	22.5	22.5	20	10	7	61	41	29
Wild hay	51,244	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	100,871	27,099	18,862	18,862	26.9	18.7	18.7	758	334	286	56	35	30
Tame hay and cropland pasture	1,056,997	32,640	58,752	42,432	3.1	5.6	4.0	139	837	112	9	26	5
Improved permanent pasture	666,157	17,642	29,404	23,523	2.6	4.4	3.5	588	368	294	67	25	25
Hay and pasture	1,723,154	50,282	88,156	65,955	2.9	5.1	3.8	727	1,205	406	29	27	12
Total	2,233,583	230,747	236,956	214,755	10.3	10.6	9.6	5,332	4,507	2,952	46	38	27
Oklahoma:													
Corn	18,074	9,548	9,810	8,933	52.8	54.3	49.4	148	206	67	31	42	15
Sorghum	14,636	3,143	3,500	1,000	21.5	23.9	6.8	44	70	4	28	40	8
Soybeans	9,848	---	3,754	---	---	38.1	---	---	28	---	---	15	---
Cowpeas	3,317	500	743	600	15.1	22.4	18.1	2	13	3	8	35	10
Peanuts	9,663	1,333	2,077	1,000	13.8	21.5	10.3	8	27	4	12	26	8
Cotton	12,781	8,182	8,400	6,933	64.0	65.7	54.2	90	126	52	22	30	15
Vegetables	9,190	4,000	4,000	2,400	43.5	43.5	26.1	50	100	24	25	50	20
Potatoes	413	225	200	200	54.5	48.4	48.4	3	4	2	27	40	20
Nursery and greenhouse	7	7	7	7	100.0	100.0	100.0	---	---	---	50	44	22
All fruit	1,236	400	400	267	32.4	32.4	21.6	8	8	2	40	40	15
Intertilled crops	79,165	27,338	32,891	21,340	34.5	41.5	27.0	353	582	158	26	35	15
Wheat	4,921	2,929	3,150	1,750	59.5	64.0	35.6	41	63	7	28	40	8
Rye	128	16	18	---	12.5	14.1	---	---	---	---	24	32	---
Oats	8,182	2,571	2,850	250	31.4	34.8	3.1	36	57	1	28	40	8
Barley	937	167	188	---	17.8	20.1	---	2	3	---	24	32	---
Wild hay	42,808	4,286	4,343	2,000	10.0	9.7	4.7	30	58	12	14	28	12
Close-growing crops	56,976	9,969	10,349	4,000	17.5	18.2	7.0	109	181	20	22	35	39
Tame hay and cropland pasture	335,899	22,966	24,514	22,273	6.8	7.3	6.6	334	429	245	29	35	22
Improved permanent pasture	712,424	19,308	19,571	18,615	2.7	2.7	2.6	250	274	242	26	28	26
Hay and pasture	1,048,323	42,274	44,085	40,888	4.0	4.2	3.9	584	703	487	28	32	24
Total	1,184,464	79,581	87,325	66,228	6.7	7.4	5.6	1,046	1,466	665	26	34	20

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total:													
Corn	111,457	62,636	52,280	51,403	56.2	46.9	46.1	1,210	1,002	731	39	38	28
Sorghum	34,311	7,569	7,041	4,541	22.1	20.5	13.2	162	158	48	43	45	21
Soybeans	195,691	8,656	15,296	11,542	4.4	7.8	5.9	53	172	144	13	22	25
Cowpeas	7,187	500	743	600	7.0	10.3	8.3	2	13	3	8	35	10
Peanuts	10,859	1,881	2,625	1,548	17.3	24.2	14.3	12	36	8	13	27	10
Cotton	75,984	71,385	58,962	57,495	93.9	77.6	75.7	1,998	1,437	1,058	56	49	37
Vegetables	35,376	20,399	18,229	16,629	57.7	51.5	47.0	517	486	286	51	53	34
Potatoes	3,393	1,652	1,627	1,627	48.7	48.0	48.0	53	54	38	64	66	47
Nursery and greenhouse	261	261	261	261	100.0	100.0	100.0	25	50	25	192	383	192
All fruit	14,164	5,765	5,765	5,632	40.7	40.7	39.8	163	142	77	57	49	27
Intertilled crops	488,723	180,704	162,829	151,278	37.0	33.3	31.0	4,200	3,550	2,418	46	44	32
Wheat	27,073	14,000	12,007	10,607	51.7	44.4	39.2	318	229	118	45	38	22
Rye	128	16	18	---	12.5	14.1	---	---	---	---	24	32	---
Rice	6,071	5,761	2,287	2,287	94.9	37.7	37.7	173	14	72	60	12	63
Oats	27,410	12,185	10,061	7,461	44.5	36.7	27.2	324	201	97	53	40	26
Barley	3,113	820	678	490	26.3	21.8	15.7	22	13	7	54	38	29
Wild hay	94,052	4,386	4,143	2,000	4.6	4.4	2.1	36	58	12	14	28	12
Close-growing crops	157,847	37,068	29,194	22,845	23.5	18.5	14.5	867	515	306	47	35	27
Tame hay and cropland pasture	1,392,896	55,606	83,266	64,705	4.0	6.0	4.6	473	1,266	357	17	30	11
Improved permanent pasture	1,378,581	36,950	48,975	42,138	2.7	3.6	3.1	838	642	536	45	26	25
Hay and pasture	2,771,477	92,556	132,241	106,843	3.3	4.8	3.9	1,311	1,908	893	28	29	17
Total	3,418,047	310,328	324,264	280,966	9.1	9.5	8.2	6,378	5,973	3,617	41	37	26
ASR-63, PORTION IN:													
Arkansas:													
Corn	98,457	56,815	53,974	53,974	57.7	54.8	54.8	568	284	284	20	11	11
Sorghum	17,950	5,385	---	---	30.0	---	---	135	---	---	50	---	---
Soybeans	1,203,784	---	262,985	262,985	---	21.8	21.8	---	4,371	5,160	---	33	39
Cowpeas	2,390	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	118	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	483,371	483,371	435,034	459,202	100.0	90.0	95.0	14,602	8,008	12,084	60	37	53
Vegetables	12,490	7,992	7,840	7,840	64.0	62.8	62.8	288	200	169	72	51	43
Potatoes	379	284	284	284	74.9	74.9	74.9	10	10	7	70	70	49
Sweet potatoes	476	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	48	48	48	48	100.0	100.0	100.0	5	9	5	208	375	208
Small fruits	773	464	464	464	60.0	60.0	60.0	10	18	10	43	78	43
Tree fruits	3,953	1,581	1,581	1,581	40.0	40.0	40.0	48	32	15	61	40	19
Intertilled crops	1,824,189	555,940	762,210	786,378	30.5	41.8	43.1	15,666	12,932	17,734	56	34	45
Wheat	40,811	20,411	---	---	50.0	---	---	510	---	---	50	---	---
Rice	273,769	260,080	104,027	104,027	95.0	38.0	38.0	9,516	1,126	3,814	65	22	73
Oats	74,920	37,460	29,968	29,968	50.0	40.0	40.0	749	375	281	40	25	19
Barley	1,156	347	52	52	30.0	4.5	4.5	7	3	3	40	115	115
Wild hay	3,801	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	393,857	318,298	134,047	134,047	80.8	34.0	34.0	9,782	1,504	4,098	61	22	61
Tame hay and cropland pasture	298,276	8,535	25,605	22,760	2.9	8.6	7.6	20	120	80	5	9	7
Improved permanent pasture	111,839	4,594	7,657	6,126	4.1	6.8	5.5	230	115	115	100	30	38
Hay and pasture	410,115	13,129	33,262	28,886	3.2	8.1	7.0	250	235	195	38	14	14
Total	2,628,161	887,367	929,519	949,311	33.8	35.4	36.1	25,698	14,671	22,027	58	32	46
ASR-64, PORTION IN:													
Arkansas:													
Corn	71,835	37,212	24,188	24,188	51.8	33.7	33.7	744	186	186	40	15	15
Sorghum	13,875	4,152	---	---	30.0	---	---	104	---	---	50	---	---
Soybeans	854,897	---	30,412	30,412	---	3.6	3.6	---	380	380	---	25	25
Cowpeas	1,499	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	123	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	662,533	656,787	459,751	525,430	99.1	69.4	79.3	23,765	4,538	13,106	72	20	50
Vegetables	11,314	3,961	3,961	3,961	35.0	35.0	35.0	67	37	36	34	19	18
Potatoes	306	153	153	153	50.0	50.0	50.0	6	5	5	78	65	65
Sweet potatoes	1,006	251	251	251	25.0	25.0	25.0	4	5	4	32	40	32
Nursery and greenhouse	10	10	10	10	100.0	100.0	100.0	1	2	1	200	400	200
Small fruits	223	111	111	111	49.8	49.8	49.8	3	3	2	54	54	36
Tree fruits	5,150	1,030	1,030	1,030	20.0	20.0	20.0	30	20	5	58	39	10
Intertilled crops	1,622,771	703,677	519,867	585,546	43.4	32.0	36.1	24,724	5,176	13,725	70	20	47
Wheat	18,940	24,470	---	---	50.0	---	---	612	---	---	50	---	---
Rice	78,971	67,125	---	16,780	85.0	---	21.2	1,678	---	168	50	---	20
Oats	30,928	14,475	7,238	7,238	46.8	23.4	23.4	290	145	108	40	40	30
Barley	3,673	1,102	551	551	30.0	15.0	15.0	22	11	8	40	40	29
Wild hay	1,809	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	164,321	107,172	7,789	24,569	65.2	4.7	15.0	2,602	156	284	49	40	23

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	227,312	10,829	14,438	14,438	4.8	6.4	6.4	60	250	100	11	35	14
Improved permanent pasture	80,112	4,806	8,010	6,408	6.0	10.0	8.0	240	120	120	100	30	37
Hay and pasture	307,424	15,635	22,448	20,846	5.1	7.3	6.8	300	370	220	38	33	21
Total	2,094,516	826,484	550,104	630,961	39.5	26.3	30.1	27,626	5,702	14,229	67	21	45
Louisiana:													
Corn	247,040	154,000	102,143	102,143	62.3	41.3	41.3	4,479	1,256	1,100	58	25	22
Sorghum	7,288	1,177	1,177	1,177	16.1	16.1	16.1	25	12	12	42	20	20
Soybeans	195,853	6,964	10,552	10,552	3.6	5.4	5.4	37	137	137	11	26	26
Cowpeas	3,627	408	522	522	11.2	14.4	14.4	2	7	7	10	27	27
Peanuts	401	51	65	65	12.7	16.2	16.2	---	1	1	8	31	31
Cotton	432,741	402,751	242,472	242,472	93.1	56.0	56.0	12,329	3,495	3,290	61	29	27
Sugarcane	22,290	14,265	999	999	64.0	4.5	4.5	585	21	21	82	42	42
Vegetables	19,181	5,354	5,584	5,584	27.9	29.1	29.1	115	137	86	43	49	31
Potatoes	983	266	289	289	27.1	29.4	29.4	8	11	5	60	76	35
Sweet potatoes	45,604	24,420	28,155	28,155	53.5	61.7	61.7	273	546	387	22	39	28
Nursery and greenhouse	1,191	1,155	1,155	1,155	97.0	97.0	97.0	74	55	55	128	95	95
Small fruits	17	9	9	9	52.9	52.9	52.9	---	---	---	40	80	40
Tree fruits	17,197	516	206	206	3.0	1.2	1.2	10	2	2	39	19	19
Intertilled crops	993,413	611,336	393,328	393,328	61.5	39.6	39.6	17,937	5,680	5,103	59	29	26
Wheat	31,215	18,850	2,570	2,570	60.4	8.2	8.2	647	36	36	69	28	28
Rice	74,327	63,282	59,446	57,529	85.1	80.0	77.4	1,155	799	735	36	36	26
Oats	43,015	25,552	6,860	6,860	59.4	15.9	15.9	865	96	96	68	28	28
Close-growing crops	148,557	107,684	68,876	66,959	72.5	46.4	45.1	2,667	931	867	50	27	26
Tame hay and cropland pasture	837,953	72,702	46,852	46,852	8.9	5.6	5.6	1,494	687	687	41	29	29
Improved permanent pasture	677,844	36,397	23,051	23,051	5.4	3.4	3.4	728	324	324	40	28	28
Hay and pasture	1,515,797	109,099	69,903	69,903	7.2	4.6	4.6	2,222	1,011	1,011	41	29	29
Total	2,657,767	828,119	532,107	530,190	31.1	20.0	20.0	22,826	7,622	6,981	55	29	26
Mississippi:													
Corn	104,401	84,970	---	---	81.4	---	---	4,886	---	---	115	---	---
Sorghum	18,544	10,000	---	---	53.9	---	---	450	---	---	90	---	---
Soybeans	775,913	---	15,720	15,720	---	2.0	2.0	---	39	39	---	5	5
Cowpeas	1,904	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	163	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	764,602	743,746	74,375	74,375	97.3	9.7	9.7	39,047	1,566	2,566	105	42	69
Sugarcane	98	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	11,006	8,500	8,500	8,500	77.2	77.2	77.2	255	128	128	60	30	30
Potatoes	147	---	---	---	---	---	---	---	---	---	---	---	---
Sweet potatoes	492	200	---	---	40.6	---	---	6	---	---	60	---	---
Nursery and greenhouse	66	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	33	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	7,266	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	1,684,635	847,416	98,595	98,595	50.3	5.9	5.9	44,644	1,733	2,733	105	35	55
Wheat	25,231	5,000	---	---	19.8	---	---	113	---	---	45	---	---
Rice	42,551	42,000	---	---	98.7	---	---	1,260	---	---	60	---	---
Oats	121,783	75,649	---	---	62.1	---	---	1,702	---	---	45	---	---
Close-growing crops	189,565	122,649	---	---	64.7	---	---	3,075	---	---	50	---	---
Tame hay and cropland pasture	241,554	44,819	4,482	4,482	18.6	1.9	1.9	448	22	22	20	10	10
Improved permanent pasture	158,161	29,686	29,686	29,686	18.8	18.8	18.8	891	148	148	60	10	10
Hay and pasture	399,715	74,505	34,168	34,168	18.6	8.5	8.5	1,339	170	170	36	10	10
Total	2,273,915	1,044,570	132,763	132,763	45.9	5.8	5.8	49,058	1,903	2,903	94	29	44
Missouri:													
Corn	268,838	200,745	200,745	200,745	74.7	74.7	74.7	5,019	2,911	2,710	50	29	27
Sorghum	8,279	5,000	5,000	5,000	60.4	60.4	60.4	125	75	67	50	30	27
Soybeans	748,439	---	17,295	17,295	---	2.3	2.3	---	259	259	---	30	30
Cotton	403,425	327,930	327,930	327,930	81.3	81.3	81.3	8,199	8,198	8,199	50	50	50
Vegetables	13,316	10,875	10,875	10,875	81.7	81.7	81.7	375	395	375	69	73	69
Potatoes	109	76	76	76	69.7	69.7	69.7	2	2	3	53	53	79
Sweet potatoes	71	71	71	71	100.0	100.0	100.0	3	2	2	85	56	56
Popcorn	917	825	825	825	90.0	90.0	90.0	29	21	17	70	51	41
Nursery and greenhouse	24	24	24	24	100.0	100.0	100.0	1	1	1	83	83	83
Small fruits	224	67	67	67	29.9	29.9	29.9	1	1	1	30	30	30
Tree fruits	1,402	421	421	421	30.0	30.0	30.0	1	2	2	5	10	10
Intertilled crops	1,445,044	546,024	563,329	563,329	37.8	39.0	39.0	13,755	11,867	11,636	50	42	41
Wheat	154,155	118,404	118,404	118,404	76.8	76.8	76.8	1,184	1,658	1,243	20	28	21
Rye	11,149	6,689	6,689	6,689	60.0	60.0	60.0	67	94	72	20	28	22
Oats	4,684	2,500	2,500	2,500	53.4	53.4	53.4	22	34	25	18	27	20
Barley	12,336	7,000	7,000	7,000	56.7	56.7	56.7	70	98	77	20	28	22
Wild hay	1,707	34	34	34	2.0	2.0	2.0	---	---	---	6	12	6
Close-growing crops	184,031	134,627	134,627	134,627	73.2	73.2	73.2	1,343	1,884	1,417	20	28	21

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	162,077	10,812	10,812	10,812	6.7	6.7	6.7	103	162	108	19	30	20
Improved permanent pasture	36,216	5,018	5,018	5,018	13.9	13.9	13.9	15	30	15	6	12	6
Hay and pasture	198,293	15,830	15,830	15,830	8.0	8.0	8.0	118	192	123	15	24	16
Total	1,827,368	696,491	713,786	713,786	38.1	39.1	39.1	15,216	13,943	13,176	44	39	37
Total:													
Corn	692,114	476,927	327,076	327,076	68.9	47.3	47.3	15,128	4,353	3,996	63	27	24
Sorghum	47,986	20,339	6,177	6,177	42.4	12.9	12.9	704	87	79	69	28	26
Soybeans	2,575,102	6,964	73,979	73,979	0.3	2.9	2.9	37	815	815	11	22	22
Cowpeas	7,030	408	522	522	5.8	7.4	7.4	2	7	7	10	27	27
Peanuts	687	51	65	65	7.4	9.5	9.5	---	1	1	8	31	31
Cotton	2,263,301	2,131,214	1,104,528	1,170,207	94.2	48.8	51.7	83,340	17,797	27,161	78	32	46
Sugarcane	22,388	14,265	999	999	63.7	4.5	4.5	585	21	21	82	42	42
Vegetables	54,817	28,690	28,920	28,920	52.3	52.8	52.8	812	697	625	57	48	43
Potatoes	1,545	495	518	518	32.0	33.5	33.5	16	18	13	65	69	50
Sweet potatoes	47,173	24,942	28,477	28,477	52.9	60.4	60.4	286	553	393	23	39	28
Popcorn	917	825	825	825	90.0	90.0	90.0	29	21	17	70	51	41
Nursery and greenhouse	1,291	1,189	1,189	1,189	92.1	92.1	92.1	76	58	57	128	98	96
Small fruits	497	187	187	187	37.6	37.6	37.6	4	4	3	43	43	32
Tree fruits	31,015	1,967	1,657	1,657	6.3	5.3	5.3	41	24	9	42	29	11
Intertilled crops	5,745,863	2,708,463	1,575,119	1,640,798	47.1	27.4	28.6	101,060	24,456	33,197	75	31	40
Wheat	259,541	166,724	120,974	120,974	64.2	46.6	46.6	2,556	1,694	1,279	31	28	21
Rye	11,149	6,689	6,689	6,689	60.0	60.0	60.0	67	94	72	20	28	22
Rice	195,849	172,407	59,446	74,309	88.0	30.4	37.9	4,093	799	903	47	27	24
Oats	200,410	118,176	16,598	16,598	58.9	8.3	8.3	2,879	275	229	49	33	28
Barley	16,009	8,102	7,551	7,551	50.6	47.2	47.2	92	109	85	23	29	23
Wild hay	3,516	34	34	34	1.0	1.0	1.0	---	---	---	3	6	3
Close-growing crops	686,474	472,132	211,292	226,155	68.8	30.8	32.9	9,687	2,971	2,568	41	28	23
Tame hay and cropland pasture	1,468,896	139,162	76,584	76,584	9.5	5.2	5.2	2,105	1,121	917	30	29	24
Improved permanent pasture	952,333	75,907	65,765	64,163	8.0	6.9	6.7	1,874	622	607	49	19	19
Hay and pasture	2,421,229	215,069	142,349	140,747	8.9	5.9	5.8	3,979	1,743	1,524	37	24	22
Total	8,853,566	3,395,664	1,928,760	2,007,700	38.4	21.8	22.7	114,726	29,170	37,289	68	30	37
ASR-65, PORTION IN:													
Louisiana:													
Corn	66,344	52,260	21,321	18,656	78.8	32.1	28.1	1,732	346	293	66	32	31
Sorghum	1,196	468	358	358	39.1	29.9	29.9	13	5	5	56	28	28
Soybeans	40,508	5,355	8,074	8,074	13.2	19.9	19.9	25	148	148	9	37	37
Cowpeas	1,553	249	302	302	16.0	19.4	19.4	1	4	4	8	26	26
Peanuts	67	13	16	16	19.4	23.9	23.9	---	---	---	7	24	24
Cotton	20,003	19,114	13,068	12,678	95.6	65.3	63.4	527	263	244	55	40	39
Sugarcane	247,736	213,375	36,640	32,330	86.1	14.8	13.0	9,269	862	754	87	47	47
Vegetables	10,668	6,326	6,132	5,810	59.3	57.5	54.5	181	232	174	57	76	40
Potatoes	1,523	762	724	724	50.0	47.5	47.5	24	17	17	63	47	47
Sweet potatoes	8,337	5,102	5,942	5,942	61.2	71.3	71.3	60	120	60	24	40	20
Nursery and greenhouse	82	82	82	82	100.0	100.0	100.0	5	4	4	122	98	98
Small fruits	40	34	34	34	85.0	85.0	85.0	1	2	1	59	118	59
Tree fruits	2,556	364	364	364	14.2	14.2	14.2	6	6	6	33	33	33
Intertilled crops	400,613	303,504	93,057	85,370	75.8	23.2	21.3	11,844	2,009	1,652	78	43	39
Wheat	923	600	570	570	65.0	61.8	61.8	18	8	8	60	28	28
Rice	387,666	364,716	353,551	334,943	94.1	91.1	86.4	6,327	4,838	3,908	35	27	23
Oats	5,259	3,418	3,247	3,247	65.0	61.7	61.7	104	48	48	61	30	30
Close-growing crops	393,848	368,734	357,368	338,760	93.6	90.7	86.0	6,449	4,894	3,964	35	27	23
Tame hay and cropland pasture	965,566	71,355	58,249	54,608	7.4	6.0	5.7	1,602	1,129	619	45	39	23
Improved permanent pasture	516,222	20,704	16,902	16,902	4.0	3.3	3.3	433	349	201	42	41	24
Hay and pasture	1,481,788	92,059	75,151	71,510	6.2	5.1	5.1	2,035	1,478	820	44	39	23
Total	2,276,249	764,297	525,576	495,640	33.6	23.1	21.8	20,328	8,381	6,436	53	32	26
Texas:													
Corn	179,564	71,393	71,393	18,666	39.8	39.8	10.4	1,437	983	302	40	28	32
Sorghum	183,319	54,804	54,804	14,415	29.9	29.9	7.9	1,157	592	182	42	22	25
Broomcorn	6	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	16,041	8,000	8,000	8,000	49.9	49.9	49.9	41	82	82	10	20	20
Peanuts	12,127	10,000	10,000	10,000	82.5	82.5	82.5	100	200	100	20	40	20
Cotton	269,289	103,345	103,345	20,833	38.4	38.4	7.7	2,305	1,056	325	45	20	31
Vegetables	21,001	17,000	17,000	17,000	80.9	80.9	80.9	258	456	456	30	54	54
Potatoes	980	900	900	900	91.8	91.8	91.8	36	36	36	80	80	80
Sweet potatoes	719	700	700	700	97.4	97.4	97.4	14	28	28	40	80	80
Nursery and greenhouse	1,896	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	8,351	2,000	2,000	2,000	23.9	23.9	23.9	20	40	40	20	40	40
Intertilled crops	693,293	268,142	268,142	92,514	38.7	38.7	13.3	5,368	3,473	1,551	40	26	34

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Rice	425,947	383,520	383,520	91,622	90.0	90.0	21.5	9,725	7,145	1,695	51	37	37
Oats	2,065	2,000	2,000	2,000	96.9	96.9	96.9	30	30	30	30	30	30
Barley	50	---	---	---	---	---	---	---	---	---	---	---	---
Flax	1,729	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	67,541	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	497,332	385,520	385,520	93,622	77.5	77.5	18.8	9,755	7,175	1,725	51	37	37
Tame hay and cropland pasture	1,138,096	87,496	87,496	23,333	7.7	7.7	2.0	1,517	1,169	360	35	27	31
Improved permanent pasture	3,537,573	51,917	51,917	15,800	1.5	1.5	0.4	936	769	237	36	30	30
Hay and pasture	4,675,669	139,413	139,413	39,133	3.0	3.0	0.8	2,453	1,938	597	35	28	31
Total	5,866,294	793,075	793,075	225,269	13.5	13.5	3.8	17,576	12,586	3,873	44	32	34
Total:													
Corn	245,908	123,653	92,714	37,322	50.3	37.7	15.2	3,169	1,329	595	51	29	32
Sorghum	184,515	55,272	55,162	14,773	30.0	29.9	8.0	1,170	597	187	42	22	25
Soybeans	40,508	5,355	8,074	8,074	13.2	19.9	19.9	25	148	148	9	37	37
Broomcorn	6	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	17,594	8,249	8,302	8,302	46.9	47.2	47.2	42	86	86	10	21	21
Peanuts	12,194	10,013	10,016	10,016	82.1	82.1	82.1	100	200	100	20	40	20
Cotton	289,292	122,459	116,413	33,511	42.3	40.2	11.6	2,832	1,319	569	46	23	34
Sugarcane	247,736	213,375	36,640	32,330	86.1	14.8	13.0	9,269	862	754	87	47	47
Vegetables	31,669	23,326	23,132	22,810	73.7	73.0	72.0	439	688	572	38	59	50
Potatoes	2,503	1,662	1,624	1,624	66.4	64.9	64.9	60	53	53	72	65	65
Sweet potatoes	9,056	5,802	6,642	6,642	64.1	73.3	73.3	74	148	88	26	45	26
Nursery and greenhouse	1,978	82	82	82	4.1	4.1	4.1	5	4	4	122	98	98
All fruit	10,947	2,398	2,398	2,398	21.9	21.9	21.9	27	48	47	23	40	39
Intertilled crops	1,093,906	571,646	261,199	177,884	52.3	23.9	16.3	17,212	5,482	3,203	60	42	36
Wheat	923	600	570	570	65.0	61.8	61.8	18	8	8	60	28	28
Rice	813,613	748,236	737,071	426,565	92.0	90.6	52.4	16,052	11,983	5,603	43	33	26
Oats	7,324	5,418	5,247	5,247	74.0	71.6	71.6	134	78	78	49	30	30
Barley	50	---	---	---	---	---	---	---	---	---	---	---	---
Flax	1,729	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	67,541	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	891,180	754,254	742,888	432,382	84.6	83.4	48.5	16,204	12,069	5,689	43	32	26
Tame hay and cropland pasture	2,103,662	158,851	145,745	77,941	7.6	6.9	3.7	3,119	2,298	979	39	32	25
Improved permanent pasture	4,053,795	72,621	68,819	32,702	1.8	1.7	0.8	1,369	1,118	438	38	32	27
Hay and pasture	6,157,457	231,472	214,564	110,643	3.8	3.5	1.8	4,488	3,416	1,417	39	32	26
Total	8,142,543	1,557,372	1,318,651	720,909	19.1	16.2	8.9	37,904	20,967	10,309	49	32	29
ASR-66, PORTION IN:													
Arkansas:													
Corn	59,401	44,146	39,731	39,731	74.3	66.9	66.9	773	662	552	35	33	28
Sorghum	5,963	1,342	1,073	1,073	22.5	18.0	18.0	45	27	13	67	50	24
Soybeans	49,776	1,479	5,917	5,917	3.0	11.9	11.9	30	74	74	41	25	25
Cowpeas	4,610	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	1,234	617	617	617	50.0	50.0	50.0	4	9	4	13	29	13
Cotton	90,981	88,246	61,772	70,597	97.0	67.9	77.6	2,246	1,377	1,109	51	45	31
Vegetables	12,789	7,773	7,445	7,445	60.8	58.2	58.2	328	292	181	84	78	49
Potatoes	656	228	228	228	34.8	34.8	34.8	9	8	5	79	70	44
Sweet potatoes	1,398	350	350	350	25.0	25.0	25.0	5	7	5	29	40	29
Nursery and greenhouse	151	151	151	151	100.0	100.0	100.0	15	30	15	199	397	199
Small fruits	80	40	40	40	50.0	50.0	50.0	1	1	1	50	50	50
Tree fruits	8,440	3,356	3,356	3,356	39.8	39.8	39.8	102	(a)	33	61	41	20
Miscellaneous	3,099	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	238,578	147,728	120,680	129,505	61.9	50.6	54.3	3,558	2,553	1,992	48	42	31
Wheat	252	120	101	101	47.6	40.1	40.1	3	2	1	50	40	20
Rice	11,706	10,535	---	2,634	90.0	---	22.5	249	---	25	47	---	19
Oats	11,664	7,483	5,612	5,612	64.2	48.1	48.1	224	112	74	60	40	26
Wild hay	6,587	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	30,209	18,138	5,713	8,347	60.0	18.9	27.6	476	114	100	52	40	24
Tame hay and cropland pasture	418,964	17,593	47,753	45,239	4.2	11.4	10.8	126	754	503	14	32	22
Improved permanent pasture	366,911	15,991	26,652	21,322	4.4	7.3	5.8	533	333	267	67	25	25
Hay and pasture	785,875	33,584	74,405	66,561	4.3	9.5	8.5	659	1,087	770	39	29	23
Total	1,054,662	199,450	200,798	204,413	18.9	19.0	19.4	4,693	3,756	2,862	47	37	28
Louisiana:													
Corn	41,117	32,384	32,057	31,403	78.8	78.0	76.4	671	425	408	41	27	26
Sorghum	2,090	993	1,003	1,003	47.5	48.0	48.0	21	16	16	42	32	32
Soybeans	3,416	376	562	562	11.0	16.5	16.5	3	13	13	16	46	46
Cowpeas	4,342	1,563	1,702	1,702	36.0	39.2	39.2	8	31	31	10	36	36
Peanuts	1,179	632	728	728	53.6	61.7	61.7	2	9	9	6	25	25
Cotton	31,026	26,332	26,066	25,268	84.9	84.0	81.4	559	386	359	42	30	28
Sugarcane	197	99	99	99	50.3	50.3	50.3	2	1	1	40	20	20
Vegetables	10,330	4,793	4,944	4,944	46.4	47.9	47.9	98	112	112	41	45	45

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Potatoes	415	265	256	256	63.9	61.7	61.7	5	4	4	38	31	31
Sweet potatoes	1,652	1,115	1,239	1,239	67.5	75.0	75.0	12	25	25	22	40	40
Nursery and greenhouse	58	58	58	58	100.0	100.0	100.0	4	3	3	138	103	103
Small fruits	8	7	7	7	87.5	87.5	87.5	---	---	---	25	50	25
Tree fruits	6,458	1,227	1,266	1,266	19.0	19.6	19.6	31	31	31	51	49	49
Miscellaneous	628	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	102,916	69,844	69,987	68,535	67.9	68.0	66.6	1,416	1,056	1,012	41	30	30
Wheat	560	420	399	399	75.0	71.2	71.2	10	5	5	48	25	25
Rice	3,833	3,756	3,756	3,568	98.0	98.0	93.1	60	56	49	32	30	27
Oats	3,709	2,782	2,643	2,643	75.0	71.3	71.3	70	35	35	50	26	26
Close-growing crops	8,102	6,958	6,798	6,610	85.9	83.9	81.6	140	96	89	40	28	27
Tame hay and cropland pasture	319,061	58,631	58,033	57,435	18.4	18.2	18.0	1,197	956	835	41	33	29
Improved permanent pasture	272,245	31,656	31,333	31,009	11.6	11.5	11.4	614	455	404	39	29	26
Hay and pasture	591,306	90,287	89,366	88,444	15.3	15.1	15.0	1,811	1,411	1,239	40	32	28
Total	702,324	167,089	166,151	163,589	23.8	23.7	23.3	3,367	2,563	2,340	40	31	29
Texas:													
Corn	217,303	146,600	146,600	146,600	67.5	67.5	67.5	2,480	3,021	1,527	34	41	21
Sorghum	104,033	45,262	45,262	45,262	43.5	43.5	43.5	693	732	366	31	32	16
Broomcorn	371	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	1,997	700	700	700	35.0	35.0	35.0	3	12	12	9	34	34
Cowpeas	17,399	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	31,978	20,000	20,000	20,000	62.5	62.5	62.5	104	207	104	10	21	10
Cotton	252,310	143,437	143,437	143,437	56.9	56.9	56.9	2,647	2,246	1,123	37	31	16
Vegetables	62,848	42,117	42,117	42,117	67.0	67.0	67.0	1,173	1,685	531	56	80	25
Potatoes	3,475	3,000	3,000	3,000	86.3	86.3	86.3	90	50	60	60	40	40
Sweet potatoes	17,333	17,000	17,000	17,000	98.1	98.1	98.1	176	352	352	21	41	41
Nursery and greenhouse	6,670	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	18,567	13,000	13,000	13,000	70.0	70.0	70.0	65	130	65	10	20	10
Intertilled crops	734,084	431,116	431,116	431,116	58.7	58.7	58.7	7,431	8,445	4,140	34	39	19
Wheat	1,624	528	528	528	32.5	32.5	32.5	18	6	6	68	23	23
Rye	103	34	34	34	33.0	33.0	33.0	---	---	---	---	---	---
Rice	2,164	2,164	2,164	2,164	100.0	100.0	100.0	86	43	43	79	40	40
Oats	25,778	8,378	8,378	8,378	32.5	32.5	32.5	281	92	92	67	22	22
Barley	184	60	60	60	32.6	32.6	32.6	3	1	1	100	33	33
Flax	5	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	86,693	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	116,551	11,164	11,164	11,164	9.6	9.6	9.6	388	142	142	70	25	25
Tame hay and cropland pasture	1,957,650	297,237	297,237	297,237	15.2	15.2	15.2	4,666	6,103	3,052	31	41	21
Improved permanent pasture	4,000,251	276,198	276,198	141,800	6.9	6.9	3.5	4,375	5,671	2,836	32	41	40
Hay and pasture	5,957,901	573,435	573,435	439,037	9.6	9.6	7.4	9,041	11,774	5,888	32	41	27
Total	6,808,536	1,015,715	1,015,715	881,317	14.9	14.9	12.9	16,860	20,361	10,170	33	40	23
Total:													
Corn	317,821	223,130	218,388	217,734	70.2	68.7	68.5	3,924	4,108	2,487	35	38	23
Sorghum	112,086	47,597	47,338	47,338	42.5	42.2	42.2	799	775	395	32	33	17
Broomcorn	371	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	55,189	2,555	7,179	7,179	4.6	13.0	13.0	36	99	99	28	28	28
Cowpeas	26,351	1,563	1,702	1,702	5.9	6.5	6.5	8	31	31	10	36	36
Peanuts	34,391	21,249	21,345	21,345	61.8	62.1	62.1	110	225	117	10	21	11
Cotton	374,117	258,015	231,275	239,302	69.0	61.8	64.0	5,452	4,009	2,591	42	35	22
Sugarcane	197	99	99	99	50.3	50.3	50.3	2	1	1	40	20	20
Vegetables	85,967	54,683	54,506	54,506	63.6	63.4	63.4	1,599	2,089	824	58	77	30
Potatoes	4,546	3,493	3,484	3,484	76.8	76.6	76.6	104	72	69	60	41	40
Sweet potatoes	20,383	18,465	18,589	18,589	90.6	91.2	91.2	193	384	382	21	41	41
Nursery and greenhouse	6,879	209	209	209	3.0	3.0	3.0	19	33	18	182	316	172
All fruit	33,553	17,630	17,669	17,669	52.5	52.7	52.7	199	230	130	23	26	15
Miscellaneous	3,727	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	1,075,578	648,688	621,783	629,156	60.3	57.8	58.5	12,405	12,056	7,144	38	39	23
Wheat	2,436	1,068	1,028	1,028	43.8	42.2	42.2	31	13	12	58	25	23
Rye	103	34	34	34	33.0	33.0	33.0	---	---	---	---	---	---
Rice	17,703	16,455	5,920	8,366	93.0	33.4	47.3	395	99	117	48	33	28
Oats	41,151	18,643	16,633	16,633	45.3	40.4	40.4	575	239	201	62	29	24
Barley	184	60	60	60	32.6	32.6	32.6	3	1	1	100	33	33
Flax	5	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	93,280	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	154,862	36,260	23,675	26,121	23.4	15.3	16.9	1,004	352	331	55	30	25
Tame hay and cropland pasture	2,695,675	373,461	403,023	399,911	13.9	15.0	14.8	5,989	7,813	4,390	32	39	22
Improved permanent pasture	4,639,407	323,845	334,183	194,131	7.0	7.2	4.2	5,522	6,459	3,507	34	39	36
Hay and pasture	7,335,082	697,306	737,206	594,042	9.5	10.0	8.1	11,511	14,272	7,897	33	39	27
Total	8,565,522	1,382,254	1,382,664	1,249,319	16.1	16.1	14.6	24,920	26,680	15,372	36	39	25

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-67, PORTION IN:													
Arkansas:													
Corn	12,756	6,707	6,036	6,036	52.6	47.3	47.3	132	116	75	39	38	25
Sorghum	8,379	2,388	2,263	2,263	28.5	27.0	27.0	50	38	19	42	34	17
Soybeans	928	626	835	835	67.5	90.0	90.0	4	8	6	13	19	14
Cowpeas	143	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	1	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	10	10	10	10	100.0	100.0	100.0	---	---	---	30	25	20
Vegetables	7,354	4,812	4,662	4,662	65.4	63.4	63.4	84	123	66	35	53	28
Potatoes	174	87	87	87	50.0	50.0	50.0	3	3	3	69	69	69
Sweet potatoes	154	38	38	38	24.7	24.7	24.7	1	1	1	53	53	53
Nursery and greenhouse	247	247	247	247	100.0	100.0	100.0	25	49	25	202	397	202
Small fruits	374	137	137	137	36.6	36.6	36.6	4	8	4	58	117	58
Tree fruits	4,439	1,776	1,776	1,776	40.0	40.0	40.0	44	33	17	50	37	19
Intertilled crops	34,959	16,828	16,091	16,091	48.1	46.0	46.0	347	379	216	41	47	27
Wheat	2,909	2,036	1,527	1,527	70.0	52.5	52.5	51	31	20	50	41	26
Oats	6,474	4,678	3,508	3,508	72.3	54.2	54.2	140	70	47	60	40	27
Barley	1,849	555	416	416	30.0	22.5	22.5	14	8	6	50	38	29
Wild hay	8,989	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	20,221	7,269	5,451	5,451	35.9	27.0	27.0	205	109	73	56	40	27
Tame hay and cropland pasture	237,135	26,583	36,077	36,077	11.2	15.2	15.2	171	718	449	13	40	25
Improved permanent pasture	119,359	5,744	9,573	7,658	4.8	8.0	6.4	191	120	96	67	25	25
Hay and pasture	356,494	32,327	45,650	43,735	9.1	12.8	12.3	362	838	545	22	37	25
Total	411,674	56,424	67,192	65,277	13.7	16.3	15.9	914	1,326	834	32	39	26
Missouri:													
Corn	81,501	68,740	68,740	68,740	84.3	84.3	84.3	1,718	997	928	50	29	27
Sorghum	41,010	32,571	32,571	32,571	79.4	79.4	79.4	814	488	439	50	30	27
Soybeans	29,448	---	7,745	7,745	---	26.3	26.3	---	116	116	---	30	30
Vegetables	4,671	2,622	2,622	2,622	56.1	56.1	56.1	87	88	87	66	67	66
Potatoes	131	92	92	92	70.2	70.2	70.2	2	3	3	43	65	65
Sweet potatoes	54	54	54	54	100.0	100.0	100.0	2	1	1	74	37	37
Popcorn	100	90	90	90	90.0	90.0	90.0	3	2	2	67	44	44
Nursery and greenhouse	852	852	852	852	100.0	100.0	100.0	26	26	26	61	61	61
Small fruits	605	182	182	182	30.0	30.0	30.0	4	4	4	44	44	44
Tree fruits	1,667	500	500	500	30.0	30.0	30.0	8	3	3	32	12	12
Miscellaneous	2,421	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	162,460	105,703	113,448	113,448	65.1	69.8	69.8	2,664	1,728	1,609	50	30	28
Wheat	71,555	67,771	67,771	67,771	94.7	94.7	94.7	678	949	712	20	28	21
Rye	1,225	735	735	735	60.0	60.0	60.0	7	10	8	19	27	22
Oats	51,129	40,000	40,000	40,000	78.2	78.2	78.2	360	540	400	18	27	20
Barley	24,356	20,000	20,000	20,000	82.1	82.1	82.1	200	280	220	20	28	22
Wild hay	24,542	488	488	488	2.0	2.0	2.0	1	2	1	4	8	4
Close-growing crops	172,807	128,994	128,994	128,994	74.6	74.6	74.6	1,246	1,781	1,341	19	28	21
Tame hay and cropland pasture	414,739	47,548	47,548	47,548	11.5	11.5	11.5	452	713	476	19	30	20
Improved permanent pasture	230,583	10,691	10,691	10,691	4.6	4.6	4.6	32	64	32	6	12	6
Hay and pasture	645,322	58,239	58,239	58,239	9.0	9.0	9.0	484	777	508	17	27	17
Total	980,589	292,936	300,681	300,681	29.9	30.7	30.7	4,394	4,286	3,458	30	29	23
Oklahoma:													
Corn	8,954	4,200	5,250	4,200	46.9	58.6	46.9	21	42	21	10	16	10
Sorghum	6,413	1,500	1,600	1,000	23.4	24.9	15.6	6	8	3	8	10	6
Broomcorn	2	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	936	---	286	286	---	30.6	30.6	---	2	1	---	14	7
Cowpeas	216	28	43	34	13.0	19.9	15.7	---	---	---	8	35	10
Peanuts	6	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	6	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	3,788	3,619	3,600	3,637	95.5	95.0	96.0	38	81	39	21	45	21
Potatoes	119	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	503	360	362	362	71.6	72.0	72.0	9	8	4	50	44	22
Small fruits	942	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,109	200	250	250	18.0	22.5	22.5	2	2	1	20	16	8
Miscellaneous	111	12	26	6	10.8	23.4	5.4	---	---	---	12	18	8
Intertilled crops	23,105	9,919	11,417	9,775	42.9	49.4	42.3	76	143	69	15	25	14
Wheat	7,958	4,600	5,000	3,250	57.8	62.8	40.8	23	45	13	10	18	8
Rye	196	26	33	26	13.3	16.8	13.3	---	---	---	6	14	6
Oats	5,523	2,000	2,286	1,250	36.2	41.4	22.6	8	16	5	8	14	8
Barley	1,435	333	429	333	23.2	29.9	23.2	1	3	1	6	14	6
Wild hay	8,180	800	1,143	600	9.8	14.0	7.3	4	8	3	10	14	10
Close-growing crops	23,292	7,759	8,891	5,459	33.3	38.2	23.4	36	72	22	9	16	8
Tame hay and cropland pasture	180,576	12,500	17,600	12,750	6.9	9.7	7.1	50	132	51	8	15	8
Improved permanent pasture	91,575	8,523	4,700	7,667	9.3	5.1	8.4	53	47	46	12	20	12
Hay and pasture	272,151	21,023	22,300	20,417	7.7	8.2	7.5	103	179	97	10	16	10
Total	318,548	38,701	42,608	35,651	12.1	13.4	11.2	215	394	188	11	18	11

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total:													
Corn	103,211	79,647	80,026	78,976	77.2	77.5	76.5	1,871	1,155	1,024	47	29	26
Sorghum	55,802	36,459	36,434	35,834	65.3	65.3	64.2	870	534	461	48	29	26
Broomcorn	2	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	31,312	626	8,866	8,866	2.0	28.3	28.3	4	126	123	13	28	28
Cowpeas	359	28	43	34	7.8	12.0	9.5	---	---	---	8	35	10
Peanuts	7	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	16	10	10	10	62.5	62.5	62.5	---	---	---	30	25	20
Vegetables	15,813	11,053	10,884	10,921	69.9	68.8	69.1	209	292	192	38	54	35
Potatoes	632	271	271	271	42.9	42.9	42.9	8	8	8	59	59	59
Popcorn	100	90	90	90	90.0	90.0	90.0	3	2	2	67	44	44
Nursery and greenhouse	1,602	1,459	1,461	1,461	91.1	91.2	91.2	60	83	55	82	114	75
Small fruits	1,921	319	319	319	16.6	16.6	16.6	8	12	8	50	75	50
Tree fruits	7,215	2,476	2,526	2,526	34.3	35.0	35.0	54	38	21	44	30	17
Miscellaneous	2,532	12	26	6	0.5	1.0	0.2	---	---	---	12	18	18
Intertilled crops	220,524	132,450	140,956	139,314	60.0	63.9	63.2	3,087	2,250	1,894	47	32	27
Wheat	82,422	74,407	74,298	72,548	90.3	90.1	88.0	752	1,025	745	20	28	21
Rye	1,421	761	768	761	53.6	54.0	53.6	7	10	8	18	26	21
Oats	63,126	46,678	45,794	44,758	73.9	72.5	70.9	508	626	452	22	27	20
Barley	27,640	20,888	20,845	20,749	75.6	75.4	75.1	215	291	227	21	28	22
Wild hay	41,711	1,288	1,631	1,088	3.1	3.9	2.6	5	10	4	8	12	7
Close-growing crops	216,320	144,022	143,336	139,904	66.6	66.3	64.7	1,487	1,962	1,436	21	27	21
Tame hay and cropland pasture	832,450	86,631	101,225	96,375	10.4	12.2	11.6	673	1,563	976	16	31	20
Improved permanent pasture	441,517	24,958	24,964	26,016	5.7	5.7	5.9	276	231	174	22	19	13
Hay and pasture	1,273,967	111,589	126,189	122,391	8.8	9.9	9.6	949	1,794	1,150	17	28	19
Total	1,710,811	388,061	410,481	401,609	22.7	24.0	23.5	5,523	6,006	4,480	28	29	22
ASR-68, PORTION IN:													
Kansas:													
Corn	379,538	179,221	179,221	151,910	47.2	47.2	40.0	1,451	2,612	902	16	29	12
Sorghum	425,117	119,839	119,839	75,608	28.2	28.2	17.8	898	1,429	340	15	24	9
Soybeans	199,619	17,062	17,062	16,261	8.5	8.5	8.1	43	243	68	5	28	8
Sugar beets	5	5	5	5	100.0	100.0	100.0	---	---	---	40	40	15
Vegetables	4,241	2,028	2,028	1,337	47.8	47.8	31.5	34	32	12	34	32	18
Potatoes	254	220	220	130	86.6	86.6	51.1	5	3	1	45	27	15
Popcorn	2,783	1,433	1,433	562	51.5	51.5	20.2	19	22	3	27	31	11
Nursery and greenhouse	127	114	114	71	89.8	89.8	55.9	2	2	1	35	35	28
Small fruits	67	54	54	36	80.6	80.6	53.7	1	1	1	37	37	56
Tree fruits	1,490	614	614	523	41.2	41.2	35.1	9	9	2	29	29	8
Intertilled crops	1,013,241	320,590	320,590	246,443	31.6	31.6	24.3	2,462	4,353	1,330	15	27	11
Wheat	678,116	554,549	554,549	418,044	81.8	81.8	61.6	4,377	7,147	1,586	16	26	8
Rye	15,079	2,155	2,155	1,773	14.3	14.3	11.8	16	25	6	15	23	7
Oats	171,948	117,667	117,667	91,979	68.4	68.4	53.5	823	1,505	380	14	26	8
Barley	134,780	85,160	85,160	64,201	63.2	63.2	47.6	604	1,065	262	14	25	8
Wild hay	253,133	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,253,056	759,531	759,531	575,997	60.6	60.6	46.0	5,820	9,742	2,234	15	26	8
Tame hay and cropland pasture	509,061	59,492	59,492	44,149	11.7	11.7	8.7	665	1,159	235	22	39	11
Improved permanent pasture	4,467,201	13,893	13,893	10,986	0.3	0.3	0.2	138	239	58	20	34	11
Hay and pasture	4,976,262	73,385	73,385	55,135	1.5	1.5	1.1	803	1,398	293	22	38	11
Total	7,242,559	1,153,506	1,153,506	877,575	15.9	15.9	12.1	9,085	15,493	3,857	16	27	9
Oklahoma:													
Corn	52,021	23,750	22,720	21,875	45.7	43.7	42.1	190	284	175	16	25	16
Sorghum	53,328	7,500	8,600	7,333	14.1	16.1	13.8	45	86	44	12	20	12
Soybeans	38,499	16,200	19,167	13,167	42.1	49.8	34.2	81	230	79	10	24	12
Cowpeas	1,388	---	267	400	---	19.2	28.8	---	4	4	---	30	20
Peanuts	60	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	3,054	833	1,000	625	27.3	32.7	20.5	5	10	5	12	20	16
Vegetables	6,465	1,432	1,432	1,432	22.2	22.2	22.2	16	23	13	22	32	18
Potatoes	220	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	121	121	121	121	100.0	100.0	100.0	5	5	4	83	83	66
Small fruits	48	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	4,364	320	320	326	7.3	7.3	7.5	4	4	1	25	25	6
Intertilled crops	159,568	50,156	53,627	45,279	31.4	33.6	28.4	346	646	325	14	24	14
Wheat	112,764	61,750	81,667	40,250	54.8	72.4	35.7	494	980	322	16	24	16
Rye	2,739	533	500	607	19.5	18.3	22.2	4	5	4	15	20	13
Oats	80,466	42,533	43,500	44,500	52.9	54.1	55.3	319	435	267	15	20	12
Barley	29,603	5,867	6,000	6,167	19.8	20.3	20.8	44	60	37	15	20	12
Wild hay	110,949	4,533	7,900	6,600	3.9	6.8	5.6	34	79	33	15	20	10
Close-growing crops	342,921	115,216	139,567	98,124	33.6	40.7	28.6	895	1,559	663	16	22	14
Tame hay and cropland pasture	324,534	31,000	38,250	25,167	9.6	11.8	7.8	155	459	151	10	24	12
Improved permanent pasture	2,005,720	16,000	23,833	19,500	0.8	1.2	1.0	120	286	117	15	24	12
Hay and pasture	2,330,254	47,000	62,083	44,667	2.0	2.7	1.9	275	745	268	12	24	12
Total	2,832,343	212,372	255,277	188,070	7.5	9.0	6.6	1,516	2,950	1,256	14	23	13

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total:													
Corn	431,559	202,971	201,941	173,785	47.0	46.8	40.3	1,641	2,896	1,077	16	29	12
Sorghum	478,445	127,339	128,433	82,941	26.6	26.8	17.3	943	1,515	384	15	24	9
Soybeans	238,118	33,262	36,229	29,428	14.0	15.2	12.4	124	473	147	7	26	10
Cowpeas	1,388	---	267	400	---	19.2	28.8	---	4	4	---	30	20
Peanuts	60	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	3,054	833	1,000	625	27.3	32.7	20.5	5	10	5	12	20	16
Sugar beets	5	5	5	5	100.0	100.0	100.0	---	---	---	40	40	15
Vegetables	10,706	3,460	3,460	2,769	32.3	32.3	25.9	50	55	25	29	32	18
Potatoes	474	220	220	130	46.4	46.4	27.4	5	3	1	45	27	15
Popcorn	2,783	1,433	1,433	562	51.5	51.5	20.2	19	22	3	27	31	11
Nursery and greenhouse	248	235	235	192	94.8	94.8	77.4	7	7	5	60	60	52
Small fruits	115	54	54	36	47.0	47.0	31.3	1	1	1	37	37	56
Tree fruits	5,854	934	934	849	16.0	16.0	14.5	13	13	3	28	28	7
Intertilled crops	1,172,809	370,746	374,217	291,722	31.6	31.9	24.9	2,808	4,999	1,655	15	27	11
Wheat	790,880	616,299	636,216	458,294	77.9	80.4	57.9	4,871	8,127	1,908	16	26	8
Rye	17,818	2,688	2,655	2,380	15.1	14.9	13.4	20	30	10	15	23	8
Oats	252,414	160,200	161,167	136,479	63.5	63.9	54.1	1,142	1,940	647	14	24	9
Barley	164,383	91,027	91,160	70,368	55.4	55.5	42.8	648	1,125	299	14	25	8
Wild hay	370,082	4,533	7,900	6,600	1.2	2.1	1.8	34	79	33	15	20	10
Close-growing crops	1,595,577	874,747	899,098	674,121	54.8	56.3	42.2	6,715	11,301	2,897	15	25	9
Tame hay and cropland pasture	833,595	90,492	97,742	69,316	10.9	11.7	8.3	820	1,618	386	18	33	11
Improved permanent pasture	6,472,921	29,893	37,726	30,486	0.5	0.6	0.5	258	525	175	17	28	11
Hay and pasture	7,306,516	120,385	135,468	99,802	1.6	1.9	1.4	1,078	2,143	561	18	32	11
Total	10,074,902	1,365,878	1,408,783	1,065,645	13.6	14.0	10.6	10,601	18,443	5,113	16	26	10
ASR-69, PORTION IN:													
Kansas:													
Corn	293,917	145,309	145,309	145,309	49.4	49.4	49.4	1,431	1,874	278	20	26	4
Sorghum	193,699	69,397	69,397	69,397	35.8	35.8	35.8	670	879	130	19	25	4
Soybeans	160,659	11,246	11,246	11,246	7.0	7.0	7.0	39	150	22	7	27	4
Vegetables	2,603	848	848	848	32.6	32.6	32.6	17	11	2	40	26	5
Potatoes	151	83	83	83	55.0	55.0	55.0	2	1	---	48	24	5
Popcorn	89	45	45	45	50.6	50.6	50.6	1	1	---	44	44	4
Nursery and greenhouse	330	280	280	280	84.8	84.8	84.8	9	4	1	64	29	7
Small fruits	33	25	25	25	75.8	75.8	75.8	1	---	---	80	24	8
Tree fruits	1,321	660	660	660	50.0	50.0	50.0	7	3	1	21	9	3
Intertilled crops	652,802	227,893	227,893	227,893	34.9	34.9	34.9	2,177	2,923	434	19	26	4
Wheat	235,057	211,301	211,301	211,301	89.9	89.9	89.9	2,230	2,924	432	21	28	4
Rye	5,770	750	750	750	13.0	13.0	13.0	8	10	2	21	27	5
Oats	92,304	67,974	67,974	67,974	73.6	73.6	73.6	740	922	136	22	27	4
Barley	39,824	28,050	28,050	28,050	70.4	70.4	70.4	306	378	56	22	27	4
Wild hay	150,858	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	523,823	308,075	308,075	308,075	58.8	58.8	58.8	3,284	4,234	626	21	27	4
Tame hay and cropland pasture	237,473	55,416	55,416	55,416	23.3	23.3	23.3	698	920	136	25	33	5
Improved permanent pasture	1,286,420	11,870	11,870	11,870	0.9	0.9	0.9	137	180	27	23	30	4
Hay and pasture	1,523,893	67,286	67,286	67,286	4.4	4.4	4.4	835	1,100	163	25	33	5
Total	2,700,518	603,254	603,254	603,254	22.3	22.3	22.3	6,296	8,257	1,223	21	27	4
Missouri:													
Corn	506,472	395,420	395,420	395,420	78.1	78.1	78.1	9,886	5,734	5,338	50	29	27
Sorghum	191,403	127,099	127,099	127,099	66.4	66.4	66.4	3,169	1,904	1,713	50	30	27
Soybeans	213,464	---	54,790	54,790	---	25.7	25.7	---	822	822	---	30	30
Cotton	5	5	5	5	100.0	100.0	100.0	---	---	---	50	50	50
Tobacco	10	10	10	10	100.0	100.0	100.0	---	---	---	20	50	60
Vegetables	8,717	4,556	4,556	4,556	52.3	52.3	52.3	149	150	149	65	66	65
Potatoes	217	152	152	152	70.0	70.0	70.0	3	5	6	39	66	79
Sweet potatoes	38	38	38	38	100.0	100.0	100.0	2	1	1	105	53	53
Popcorn	88	79	79	79	89.8	89.8	89.8	3	2	2	76	51	51
Nursery and greenhouse	239	239	239	239	100.0	100.0	100.0	7	7	7	59	59	59
Small fruits	70	21	21	21	30.0	30.0	30.0	---	---	---	40	40	40
Tree fruits	3,881	1,164	1,164	1,164	30.0	30.0	30.0	18	6	6	31	10	10
Intertilled crops	924,604	528,783	583,573	583,573	57.2	63.1	63.1	13,237	8,631	8,044	50	30	28
Wheat	269,620	243,038	243,038	243,038	90.1	90.1	90.1	2,430	3,403	2,551	20	28	21
Rye	4,058	2,435	2,435	2,435	60.0	60.0	60.0	25	34	27	21	28	22
Oats	159,169	100,000	100,000	100,000	62.8	62.8	62.8	900	1,350	1,000	18	27	20
Barley	68,028	30,000	30,000	30,000	44.1	44.1	44.1	300	420	330	20	28	22
Wild hay	65,751	1,315	1,315	1,315	2.0	2.0	2.0	4	8	4	6	12	6
Close-growing crops	566,626	376,788	376,788	376,788	66.5	66.5	66.5	3,659	5,215	3,912	19	28	21
Tame hay and cropland pasture	675,457	76,338	76,338	76,338	11.3	11.3	11.3	725	1,145	764	19	30	20
Improved permanent pasture	947,929	24,952	24,952	24,952	2.6	2.6	2.6	75	150	75	6	12	6
Hay and pasture	1,623,386	101,290	101,290	101,290	6.2	6.2	6.2	800	1,295	839	16	26	17
Total	3,114,616	1,006,861	1,061,651	1,061,651	32.3	34.1	34.1	17,696	15,141	12,795	35	29	24

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total:													
Corn	800,389	540,729	540,729	540,729	67.6	67.6	67.6	11,317	7,608	5,616	42	28	21
Sorghum	385,102	196,496	196,496	196,496	51.0	51.0	51.0	3,839	2,783	1,843	39	28	19
Soybeans	374,123	11,246	66,036	66,036	3.0	17.7	17.7	39	972	844	7	29	26
Cotton	5	5	5	5	100.0	100.0	100.0	---	---	---	50	50	50
Tobacco	10	10	10	10	100.0	100.0	100.0	---	---	---	20	50	60
Vegetables	11,320	5,404	5,404	5,404	47.7	47.7	47.7	166	161	151	61	60	56
Potatoes	368	235	235	235	63.9	63.9	63.9	5	6	6	43	51	51
Sweet potatoes	38	38	38	38	100.0	100.0	100.0	2	1	1	105	53	53
Popcorn	177	124	124	124	70.0	70.0	70.0	4	3	2	65	48	32
Nursery and greenhouse	569	519	519	519	91.2	91.2	91.2	16	11	8	62	42	31
Small fruits	103	46	46	46	44.7	44.7	44.7	1	---	---	66	31	23
Tree fruits	5,202	1,824	1,824	1,824	35.1	35.1	35.1	25	9	7	27	10	8
Intertilled crops	1,577,406	756,676	756,676	756,676	48.0	48.0	48.0	15,414	11,554	8,478	41	31	22
Wheat	504,687	454,339	454,339	454,339	90.0	90.0	90.0	4,660	6,327	2,983	21	28	13
Rye	9,828	3,185	3,185	3,185	32.4	32.4	32.4	33	44	29	21	28	18
Oats	251,473	167,974	167,974	167,974	66.8	66.8	66.8	1,640	2,272	1,136	20	27	14
Barley	107,852	58,050	58,050	58,050	53.8	53.8	53.8	606	798	386	21	27	13
Wild hay	216,609	1,315	1,315	1,315	0.6	0.6	0.6	4	8	4	6	12	6
Close-growing crops	1,090,449	684,863	684,863	684,863	62.8	62.8	62.8	6,943	9,449	4,538	20	28	13
Tame hay and cropland pasture	912,930	131,754	131,754	131,754	14.4	14.4	14.4	1,423	2,065	900	22	31	14
Improved permanent pasture	2,234,349	36,822	36,822	36,822	1.6	1.6	1.6	212	330	102	12	18	6
Hay and pasture	3,147,279	168,576	168,576	168,576	5.4	5.4	5.4	1,635	2,395	1,002	19	28	12
Total	5,815,134	1,610,115	1,610,115	1,610,115	27.7	27.7	27.7	23,992	23,398	14,018	30	29	17
ASR-70, PORTION IN:													
Iowa:													
Corn	3,289,115	1,229,316	1,229,316	122,800	37.4	37.4	3.7	30,116	15,200	621	49	25	10
Sorghum	47,765	16,718	16,718	---	35.0	35.0	---	244	167	---	29	20	---
Soybeans	440,535	---	15,321	---	---	3.5	---	---	77	---	---	10	---
Vegetables	13,478	10,562	10,562	---	78.4	78.4	---	31	53	---	6	10	---
Potatoes	602	602	602	602	100.0	100.0	100.0	4	12	16	13	40	53
Sweet potatoes	6	6	6	6	100.0	100.0	100.0	---	---	---	40	80	80
Popcorn	10,861	3,801	3,801	400	35.0	35.0	3.7	11	20	2	6	11	10
Nursery and greenhouse	4,918	4,918	4,918	4,918	100.0	100.0	100.0	41	29	24	17	12	10
Small fruits	37	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	2,341	585	---	---	25.0	---	---	3	---	---	10	---	---
Intertilled crops	3,809,658	1,266,508	1,281,244	128,726	33.2	33.6	3.4	30,450	15,558	663	48	24	10
Wheat	88,802	30,224	30,224	---	34.0	34.0	---	304	150	---	20	10	---
Rye	1,840	184	184	18	10.0	10.0	1.0	1	4	---	11	43	10
Oats	1,100,961	147,262	147,262	14,726	13.4	13.4	1.3	730	2,652	74	10	36	10
Barley	14,741	1,474	1,474	147	10.0	10.0	1.0	6	28	1	8	38	14
Flax	7,134	713	713	71	10.0	10.0	1.0	3	7	---	8	20	10
Close-growing crops	1,213,476	179,857	179,857	14,962	14.8	14.8	1.2	1,044	2,841	75	12	32	10
Tame hay and cropland pasture	1,377,814	---	72,760	7,276	---	5.3	0.5	---	1,455	36	---	40	10
Improved permanent pasture	641,510	16,421	16,421	---	2.6	2.6	---	164	82	---	20	10	---
Hay and pasture	2,019,324	16,421	89,181	7,276	0.8	4.4	0.4	164	1,537	36	20	34	10
Total	7,042,460	1,462,786	1,550,282	150,964	20.8	22.0	2.1	31,658	19,936	774	43	26	10
Kansas:													
Corn	533,637	216,502	216,502	54,300	40.6	40.6	10.2	3,336	2,425	274	31	22	10
Sorghum	203,700	86,522	86,522	22,710	42.5	42.5	11.1	1,362	1,008	114	31	23	10
Soybeans	33,697	2,359	2,359	1,084	7.0	7.0	3.2	7	24	3	6	20	6
Vegetables	5,833	4,121	4,121	2,928	70.6	70.6	50.2	96	66	23	47	32	16
Potatoes	524	419	419	86	80.0	80.0	16.4	10	7	---	48	33	11
Popcorn	754	377	377	75	50.0	50.0	9.9	6	4	---	32	21	12
Nursery and greenhouse	1,098	933	933	214	85.0	85.0	19.5	27	14	1	58	30	9
Small fruits	228	137	137	32	60.1	60.1	14.0	4	2	---	58	29	10
Tree fruits	2,692	2,019	2,019	464	75.0	75.0	17.2	28	21	2	28	21	9
Miscellaneous	6,588	659	659	217	10.0	10.0	3.3	9	7	1	27	21	9
Intertilled crops	788,751	314,048	314,048	82,110	39.8	39.8	10.4	4,885	3,578	418	31	23	10
Wheat	297,240	244,312	244,312	86,249	82.2	82.2	29.0	3,630	2,675	302	30	22	7
Rye	4,101	615	615	284	15.0	15.0	6.9	8	6	1	26	20	7
Oats	110,849	57,919	57,919	15,000	52.3	52.3	13.5	776	564	53	27	19	7
Barley	21,521	10,368	10,368	2,263	48.2	48.2	10.5	137	99	8	26	19	7
Wild hay	44,671	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	478,382	313,214	313,214	103,796	65.5	65.5	21.7	4,551	3,344	364	29	21	7
Tame hay and cropland pasture	423,703	56,090	56,090	16,240	13.2	13.2	3.8	980	720	81	35	26	10
Improved permanent pasture	807,697	25,537	25,537	5,600	3.2	3.2	0.8	398	292	33	31	23	10
Hay and pasture	1,231,400	81,627	81,627	22,840	6.6	6.6	1.9	1,378	1,012	114	34	25	10
Total	2,498,533	708,889	708,889	208,746	28.4	28.4	8.4	10,814	7,934	896	31	22	9

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Missouri:													
Corn	980,945	426,887	426,887	426,887	43.5	43.5	43.5	10,672	6,190	5,763	50	29	27
Sorghum	123,198	20,779	20,779	20,779	16.9	16.9	16.9	519	311	260	50	30	27
Soybeans	167,490	---	7,976	7,976	---	4.8	4.8	---	120	120	---	30	30
Tobacco	2,504	2,504	2,504	2,504	100.0	100.0	100.0	26	64	76	21	51	61
Vegetables	10,183	5,849	5,849	5,849	57.4	57.4	57.4	194	198	194	66	68	66
Potatoes	672	469	469	469	69.8	69.8	69.8	11	14	18	47	60	77
Sweet potatoes	54	54	54	54	100.0	100.0	100.0	2	1	1	74	37	37
Popcorn	3,688	3,319	3,319	3,319	90.0	90.0	90.0	116	83	66	70	50	40
Nursery and greenhouse	848	848	848	848	100.0	100.0	100.0	25	25	25	59	59	59
Small fruits	213	63	63	63	29.6	29.6	29.6	1	1	1	32	32	32
Tree fruits	4,466	1,340	1,340	1,340	30.0	30.0	30.0	20	6	6	30	9	9
Miscellaneous	13,224	517	517	517	3.9	3.9	3.9	1	3	1	4	12	4
Intertilled crops	1,307,485	462,629	470,605	470,605	35.4	36.0	36.0	11,587	7,016	6,551	50	30	28
Wheat	273,416	143,452	143,452	143,452	52.5	52.5	52.5	1,434	2,009	1,506	20	28	21
Rye	6,449	3,870	3,870	3,870	60.0	60.0	60.0	39	54	43	20	28	22
Oats	114,480	20,000	20,000	20,000	17.5	17.5	17.5	180	270	200	18	27	20
Barley	13,730	5,000	5,000	5,000	36.4	36.4	36.4	50	70	55	20	28	22
Wild hay	2,874	57	57	57	2.0	2.0	2.0	---	---	---	6	12	6
Close-growing crops	410,949	172,379	172,379	172,379	41.9	41.9	41.9	1,703	2,403	1,804	20	28	21
Tame hay and cropland pasture	834,146	35,733	35,733	35,733	4.3	4.3	4.3	339	536	357	19	30	20
Improved permanent pasture	741,598	17,651	17,651	17,651	2.4	2.4	2.4	53	106	53	6	12	6
Hay and pasture	1,575,744	53,384	53,384	53,384	3.4	3.4	3.4	392	642	410	15	24	15
Total	3,294,178	688,392	696,368	696,368	20.9	21.1	21.1	13,682	10,061	8,765	40	29	25
Nebraska:													
Corn	2,238,454	673,966	316,038	42,660	30.1	14.1	1.9	16,195	4,432	324	48	28	15
Sorghum	266,091	55,742	21,841	2,371	20.9	8.2	0.9	940	260	19	34	24	16
Soybeans	115,659	8,996	8,571	872	7.8	7.4	0.8	161	99	7	36	23	16
Dry beans	15	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	5,853	2,554	1,497	195	43.6	25.6	3.3	60	26	2	47	35	21
Potatoes	571	82	---	---	14.4	---	---	2	---	---	49	---	---
Popcorn	5,363	1,797	726	---	33.5	13.5	---	32	9	---	35	25	---
Nursery and greenhouse	492	390	260	---	79.3	52.8	---	10	4	---	51	31	---
Small fruits	38	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,675	1,004	315	---	59.9	18.8	---	22	6	---	44	38	---
Miscellaneous	9,908	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	2,644,119	744,531	349,248	46,098	28.2	13.2	1.7	17,422	4,836	352	47	28	15
Wheat	397,628	144,873	77,002	6,890	36.4	19.4	1.7	2,829	858	55	39	22	16
Rye	3,583	494	100	---	13.8	2.8	---	8	1	---	32	20	---
Oats	559,378	75,387	48,362	6,428	13.5	8.6	1.1	1,430	811	59	38	34	18
Barley	21,182	3,211	1,945	126	15.2	9.2	0.6	58	25	1	36	26	16
Safflower	150	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	55,316	1,056	865	101	1.9	1.6	0.2	22	15	1	42	35	20
Close-growing crops	1,037,237	225,021	128,274	13,545	21.7	12.4	1.3	4,347	1,710	116	39	27	17
Tame hay and cropland pasture	764,599	18,245	27,366	4,255	2.4	3.6	0.6	418	518	38	46	38	18
Improved permanent pasture	763,025	11,729	14,141	1,378	1.5	1.9	0.2	246	201	14	42	28	20
Hay and pasture	1,527,624	29,974	41,507	5,633	2.0	2.7	0.4	664	719	52	44	35	18
Total	5,208,980	999,526	519,029	65,276	19.2	10.0	1.3	22,433	7,265	520	45	28	16
South Dakota:													
Corn	1,120,376	160,207	140,000	84,000	14.3	12.5	7.5	2,537	1,651	79	32	24	2
Sorghum	25,386	5,750	1,200	1,000	22.6	4.7	3.9	86	13	10	30	22	20
Soybeans	53,916	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	10	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	1,973	1,125	1,125	1,125	57.0	57.0	57.0	14	14	10	25	25	18
Potatoes	499	271	271	271	54.3	54.3	54.3	2	4	2	15	30	15
Nursery and greenhouse	127	127	---	---	100.0	---	---	2	---	---	31	---	---
Small fruits	10	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	134	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	1,202,431	167,480	142,596	86,396	13.9	11.9	7.2	2,641	1,682	101	32	24	2
Wheat	29,715	2,610	2,610	---	8.8	8.8	---	20	39	---	15	30	---
Oats	514,451	25,600	---	---	5.0	---	---	97	---	---	8	---	---
Barley	53,034	5,933	---	---	11.2	---	---	20	---	---	7	---	---
Other small grain	18,667	---	---	---	---	---	---	---	---	---	---	---	---
Seed crops	2,650	2,500	---	---	94.3	---	---	24	---	---	19	---	---
Wild hay	41,435	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	659,952	36,643	2,610	---	5.6	0.4	---	161	39	---	9	30	---
Tame hay and cropland pasture	323,414	3,400	21,075	---	1.1	6.5	---	67	630	---	39	60	---
Improved permanent pasture	301,775	3,550	---	---	1.2	---	---	69	---	---	39	---	---
Hay and pasture	625,189	6,950	21,075	---	1.1	3.4	---	136	630	---	39	60	---
Total	2,487,572	211,073	166,281	86,396	8.5	6.7	3.5	2,938	2,351	101	28	28	2

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total:													
Corn	8,162,527	2,706,878	2,328,743	730,647	33.2	28.5	9.0	62,856	29,898	7,061	46	26	19
Sorghum	666,140	185,511	147,060	46,860	27.8	22.1	7.0	3,151	1,759	423	34	24	18
Soybeans	811,297	11,355	34,227	9,932	1.4	4.2	1.2	168	320	130	30	19	26
Dry beans	25	---	---	---	---	---	---	---	---	---	---	---	---
Tobacco	2,504	2,504	2,504	2,504	100.0	100.0	100.0	26	64	76	21	51	61
Vegetables	37,320	24,211	23,154	10,097	64.9	62.0	27.1	395	357	229	33	31	45
Potatoes	2,868	1,843	1,761	1,428	64.3	61.4	49.8	29	37	36	31	42	50
Sweet potatoes	60	60	60	60	100.0	100.0	100.0	2	1	1	67	33	33
Popcorn	20,666	9,294	8,223	3,794	45.0	39.8	18.4	165	116	68	36	28	36
Nursery and greenhouse	7,483	7,216	6,959	5,980	96.4	93.0	79.9	105	72	50	29	21	17
Small fruits	526	200	200	95	38.0	38.0	18.1	5	3	1	50	30	21
Tree fruits	11,308	4,948	3,674	1,804	43.8	32.5	16.0	73	33	8	30	18	9
Miscellaneous	29,720	1,176	1,176	734	4.0	4.0	2.5	10	10	2	17	17	5
Intertilled crops	9,752,444	2,955,196	2,557,741	813,935	30.3	26.2	8.3	66,985	32,670	8,085	45	26	20
Wheat	1,086,801	565,471	497,600	236,591	52.0	45.8	21.8	8,217	5,731	1,863	29	23	16
Rye	15,973	5,163	4,769	4,172	32.3	29.9	26.1	55	65	44	22	27	21
Oats	2,400,119	326,168	273,543	56,154	13.6	11.4	2.3	3,213	4,297	386	20	31	14
Barley	124,208	25,986	18,787	7,536	20.9	15.1	6.1	271	222	65	21	24	17
Flax	7,134	713	713	71	10.0	10.0	1.0	3	7	---	8	20	10
Safflower	150	---	---	---	---	---	---	---	---	---	---	---	---
Other small grain	18,667	---	---	---	---	---	---	---	---	---	---	---	---
Seed crops	2,650	2,500	---	---	94.3	---	---	24	---	---	19	---	---
Wild hay	144,296	1,113	922	158	0.8	0.6	0.1	22	15	1	40	33	13
Close-growing crops	3,799,998	927,114	796,334	304,682	24.4	30.0	8.0	11,806	10,337	2,359	25	26	15
Tame hay and cropland pasture	3,723,676	113,468	213,024	63,504	3.0	5.7	1.7	1,804	3,859	512	32	36	16
Improved permanent pasture	3,255,605	74,888	73,750	25,629	2.3	2.3	0.8	930	681	100	25	18	8
Hay and pasture	6,979,281	188,356	286,774	89,133	2.7	4.1	1.3	2,734	4,540	612	29	32	14
Total	20,531,723	4,070,666	3,640,849	1,207,750	19.8	17.7	5.9	81,525	47,547	11,056	40	26	18
ASR-71, PORTION IN:													
Iowa:													
Corn	3,125,953	1,769,352	1,769,352	1,769,352	56.6	56.6	56.6	24,760	34,075	21,064	28	39	24
Sorghum	12,450	4,358	4,358	4,358	35.0	35.0	35.0	50	54	21	23	25	10
Soybeans	969,203	---	28,567	28,567	---	2.9	2.9	---	142	71	---	10	5
Vegetables	13,935	11,371	11,371	11,371	81.6	81.6	81.6	34	57	21	6	10	4
Potatoes	734	734	734	734	100.0	100.0	100.0	4	13	20	11	35	54
Sweet potatoes	19	19	19	19	100.0	100.0	100.0	---	1	---	40	105	40
Popcorn	3,440	1,204	1,204	1,204	35.0	35.0	35.0	4	6	2	7	10	3
Nursery and greenhouse	421	421	421	421	100.0	100.0	100.0	3	2	2	14	10	10
Small fruits	39	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,289	322	---	---	25.0	---	---	2	---	---	12	---	---
Intertilled crops	4,127,483	1,787,781	1,816,026	1,816,026	43.3	44.0	44.0	24,857	34,350	21,201	28	38	23
Wheat	9,546	1,850	1,850	1,850	19.4	19.4	19.4	19	10	5	21	11	5
Rye	730	73	73	73	10.0	10.0	10.0	---	1	---	9	27	5
Oats	961,299	147,270	147,270	147,270	15.3	15.3	15.3	653	2,871	368	9	39	5
Barley	4,290	429	429	429	10.0	10.0	10.0	2	8	1	9	37	5
Flax	4,455	445	445	445	10.0	10.0	10.0	1	4	1	4	18	4
Close-growing crops	980,320	150,067	150,067	150,067	15.3	15.3	15.3	675	2,894	375	9	39	5
Tame hay and cropland pasture	891,656	---	120,648	120,648	---	13.5	13.5	---	2,412	2,412	---	40	40
Improved permanent pasture	329,198	8,001	8,001	---	2.4	2.4	---	80	40	---	20	10	---
Hay and pasture	1,220,854	8,001	128,649	120,648	0.7	10.5	9.9	80	2,452	2,412	20	38	40
Total	6,328,657	1,945,849	2,094,742	2,086,741	30.7	33.1	33.0	25,612	39,696	23,988	26	38	23
Minnesota:													
Corn	1,860,043	856,204	856,204	856,204	46.0	46.0	46.0	11,933	14,556	7,278	28	34	17
Soybeans	468,675	12,545	12,545	12,545	2.7	2.7	2.7	33	2,723	1,362	5	434	217
Dry beans	183	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	407	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	2,616	2,616	2,616	2,616	100.0	100.0	100.0	13	144	13	10	110	10
Vegetables	36,597	28,140	28,140	28,140	76.9	76.9	76.9	519	370	339	37	26	24
Potatoes	810	200	200	200	24.7	24.7	24.7	12	19	10	120	190	100
Nursery and greenhouse	168	168	168	168	100.0	100.0	100.0	8	8	8	95	95	95
Small fruits	26	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	420	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	2,369,945	899,873	899,873	899,873	38.0	38.0	38.0	12,518	17,820	9,010	28	40	20
Wheat	48,677	14,603	14,603	---	30.0	30.0	---	175	219	---	24	30	---
Oats	522,187	10,444	10,444	10,444	2.0	2.0	2.0	31	125	63	6	24	12
Barley	24,983	2,498	2,498	2,498	10.0	10.0	10.0	8	30	15	6	24	12
Other small grain	111,190	5,560	5,560	5,560	5.0	5.0	5.0	17	67	33	6	24	12
Wild hay	42,157	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	749,194	33,105	33,105	18,502	4.4	4.4	2.5	231	441	111	14	27	12

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	429,596	8,333	94,687	94,687	1.9	22.0	22.0	25	3,176	1,576	6	67	33
Improved permanent pasture	306,098	4,336	4,335	4,336	1.4	1.4	1.4	47	97	49	22	45	23
Hay and pasture	735,694	12,669	99,023	99,023	1.7	13.5	13.5	72	3,273	1,625	11	66	33
Total	3,854,833	945,647	1,032,001	1,017,398	24.5	26.8	26.4	12,821	21,534	10,746	27	42	21
Total:													
Corn	4,985,996	2,625,556	2,625,556	2,625,556	52.7	52.7	52.7	36,693	48,631	28,342	28	37	22
Sorghum	12,450	4,358	4,358	4,358	35.0	35.0	35.0	50	54	21	23	25	10
Soybeans	1,437,878	12,549	41,112	41,112	0.9	2.9	2.9	33	2,865	1,433	5	139	70
Dry beans	183	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	407	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	2,616	2,616	2,616	2,616	100.0	100.0	100.0	13	144	13	10	110	10
Vegetables	50,532	39,511	39,511	39,511	78.2	78.2	78.2	553	427	360	28	22	18
Potatoes	1,544	934	934	934	60.5	60.5	60.5	16	32	30	34	69	64
Sweet potatoes	19	19	19	19	100.0	100.0	100.0	---	1	---	40	105	40
Popcorn	3,440	1,204	1,204	1,204	35.0	35.0	35.0	4	6	2	7	10	3
Nursery and greenhouse	589	589	589	589	100.0	100.0	100.0	11	10	10	37	34	34
Small fruits	65	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,709	322	---	---	18.8	---	---	2	---	---	12	---	---
Intertilled crops	6,497,428	2,687,654	2,715,899	2,715,899	41.4	41.8	41.8	37,375	52,170	30,211	28	38	22
Wheat	53,223	16,453	16,453	1,850	28.3	28.3	3.2	194	229	5	24	28	5
Rye	730	73	73	73	10.0	10.0	10.0	---	1	---	9	27	5
Oats	1,483,486	157,714	157,714	157,714	10.6	10.6	10.6	684	2,996	431	9	38	5
Barley	29,273	2,927	2,927	2,927	10.0	10.0	10.0	10	38	16	7	26	11
Other small grain	111,190	5,560	5,560	5,560	5.0	5.0	5.0	17	67	33	6	24	12
Flax	4,455	445	445	445	10.0	10.0	10.0	1	4	1	4	18	4
Wild hay	42,157	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,729,514	183,172	183,172	168,569	10.6	10.6	9.7	906	3,335	486	10	36	6
Tame hay and cropland pasture	1,321,252	8,333	215,335	215,335	0.6	16.3	16.3	25	5,588	3,988	6	52	37
Improved permanent pasture	635,296	12,337	12,337	4,336	1.9	1.9	0.7	127	137	49	21	22	23
Hay and pasture	1,956,548	20,670	227,672	219,671	1.1	11.6	11.2	152	5,725	4,037	15	50	37
Total	10,183,490	2,891,496	3,126,743	3,104,139	28.4	30.7	30.5	38,433	61,230	34,734	27	39	22
ASR-72, PORTION IN:													
Minnesota:													
Corn	1,611,604	733,564	733,564	733,564	45.5	45.5	45.5	8,034	15,922	7,961	22	43	22
Soybeans	722,466	7,557	15,115	15,115	1.0	2.1	2.1	14	195	196	4	26	26
Dry beans	102	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	27	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	4,875	---	3,656	---	---	75.0	---	---	165	---	---	90	---
Vegetables	18,203	7,266	7,266	---	39.9	39.9	---	263	116	---	72	32	---
Potatoes	517	175	175	---	33.8	33.8	---	3	11	---	34	126	---
Nursery and greenhouse	18	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	10	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	338	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	7,613	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	2,365,773	748,562	759,776	748,679	31.6	32.1	31.6	8,314	16,410	8,157	22	43	22
Wheat	175,147	70,059	70,059	---	40.0	40.0	---	373	1,491	---	11	43	---
Oats	631,661	75,799	75,799	---	12.0	12.0	---	303	1,213	---	8	32	---
Barley	139,050	13,905	13,905	---	10.0	10.0	---	56	216	---	8	31	---
Other small grain	187,804	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	82,262	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,215,924	159,763	159,763	---	13.1	13.1	---	732	2,920	---	9	37	---
Tame hay and cropland pasture	438,519	---	114,000	---	---	26.0	---	---	504	---	---	9	---
Improved permanent pasture	307,431	5,545	---	---	1.8	---	---	142	---	---	51	---	---
Hay and pasture	745,950	5,545	114,000	---	0.7	15.3	---	142	504	---	51	9	---
Total	4,327,647	913,870	1,033,539	748,679	21.1	23.9	17.3	9,188	19,834	8,157	20	38	22
South Dakota:													
Corn	581,488	102,633	102,633	6,033	17.6	17.6	1.0	1,474	998	63	29	19	21
Sorghum	7,489	2,000	2,000	---	26.7	26.7	---	12	9	---	12	9	---
Soybeans	68,787	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	30	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	1,259	675	660	600	53.6	52.4	47.7	8	7	6	24	21	20
Potatoes	2,509	1,348	1,348	450	53.7	53.7	17.9	13	27	6	19	40	27
Nursery and greenhouse	40	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	142	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	1,298	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	663,043	106,656	106,641	7,083	16.1	16.1	1.1	1,507	1,041	75	28	20	21
Wheat	131,623	22,792	22,792	---	17.3	17.3	---	114	228	---	10	20	---
Oats	404,714	26,213	37,600	---	6.5	9.3	---	137	181	---	10	10	---
Barley	82,007	5,316	8,316	---	6.5	10.1	---	30	60	---	11	14	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Other small grain	309,375	2,000	2,000	---	0.6	0.6	---	9	9	---	9	9	---
Seed crops	5,690	3,000	635	---	52.7	11.2	---	25	10	---	17	31	---
Wild hay	185,022	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,118,431	59,321	71,343	---	5.3	6.4	---	315	488	---	11	14	---
Tame hay and cropland pasture	370,460	3,500	32,283	---	0.9	8.7	---	35	647	---	20	40	---
Improved permanent pasture	557,295	2,207	---	---	0.4	---	---	48	---	---	43	---	---
Hay and pasture	927,755	5,707	32,283	---	0.6	3.5	---	83	647	---	29	40	---
Total	2,709,229	171,684	210,267	7,083	6.3	7.8	0.3	1,905	2,176	75	22	21	21
Total:													
Corn	2,193,092	836,197	836,197	739,597	38.1	38.1	33.7	9,508	16,920	8,024	23	40	22
Sorghum	7,489	2,000	2,000	---	26.7	26.7	---	12	9	---	12	9	---
Soybeans	791,253	7,557	15,115	15,115	1.0	1.9	1.9	14	196	196	4	26	26
Dry beans	132	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	27	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	4,875	---	3,656	---	---	75.0	---	---	165	---	---	90	---
Vegetables	19,462	7,941	7,926	600	40.8	40.7	3.1	271	123	6	68	31	20
Potatoes	3,026	1,523	1,523	450	50.3	50.3	14.9	16	38	6	21	50	27
Nursery and greenhouse	58	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	11	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	480	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	8,911	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	3,028,816	855,218	866,417	755,762	28.2	28.6	24.9	9,821	17,451	8,232	23	40	22
Wheat	306,770	92,851	92,851	---	30.3	30.3	---	487	1,719	---	10	37	---
Oats	1,036,375	102,012	113,399	---	9.8	10.9	---	440	1,394	---	9	25	---
Barley	221,057	19,221	22,221	---	8.7	10.1	---	86	276	---	9	25	---
Other small grain	497,179	2,000	2,000	---	0.4	0.4	---	9	9	---	9	9	---
Seed crops	5,690	3,000	635	---	52.7	11.2	---	25	10	---	17	31	---
Wild hay	267,284	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,334,355	219,084	231,106	---	9.4	9.9	---	1,047	3,408	---	10	29	---
Tame hay and cropland pasture	808,979	3,500	146,283	---	0.4	18.1	---	35	1,151	---	20	16	---
Improved permanent pasture	864,726	7,752	---	---	0.9	---	---	190	---	---	49	---	---
Hay and pasture	1,673,705	11,252	146,283	---	0.7	8.7	---	225	1,151	---	40	16	---
Total	7,036,876	1,085,554	1,243,806	755,762	15.4	17.7	10.7	11,093	22,010	8,232	20	35	22
ASR-73, PORTION IN:													
Minnesota:													
Corn	585,762	374,442	374,442	374,442	63.9	63.9	63.9	1,935	3,482	7,940	10	19	42
Soybeans	109,156	---	12,752	12,752	---	11.7	11.7	---	137	137	---	21	21
Dry beans	167	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	24	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	11,166	5,815	5,815	5,815	52.1	52.1	52.1	122	91	91	42	31	31
Potatoes	3,557	1,939	1,939	1,939	54.5	54.5	54.5	82	30	151	85	52	156
Nursery and greenhouse	222	222	222	222	100.0	100.0	100.0	11	11	11	99	99	99
Small fruits	94	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	288	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	5,599	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	716,035	382,418	395,170	395,170	53.4	55.2	55.2	2,150	3,771	8,330	11	19	42
Wheat	75,998	22,800	22,800	22,800	30.0	30.0	30.0	68	274	137	6	24	12
Oats	564,199	84,630	84,630	84,630	15.0	15.0	15.0	186	745	745	4	18	18
Barley	78,871	10,709	10,709	10,709	13.6	13.6	13.6	32	128	64	6	24	12
Other small grain	42,002	840	840	840	2.0	2.0	2.0	2	6	6	5	14	14
Seed crops	2,330	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	136,904	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	900,304	118,979	118,979	118,979	13.2	13.2	13.2	288	1,153	952	5	19	16
Tame hay and cropland pasture	787,419	5,200	96,223	96,223	0.7	12.2	12.2	52	1,803	1,803	20	37	37
Improved permanent pasture	478,294	6,206	6,206	6,206	1.3	1.3	1.3	47	189	94	15	61	30
Hay and pasture	1,265,713	11,406	102,429	102,429	0.9	8.1	8.1	99	1,992	1,897	17	39	37
Total	2,882,052	512,803	616,578	616,578	17.8	21.4	21.4	2,537	6,916	11,179	10	22	36
ASR-74, PORTION IN:													
Minnesota:													
Corn	151,566	101,272	101,272	---	66.8	66.8	---	575	1,863	---	11	37	---
Soybeans	157,394	1,141	11,406	1,141	0.7	7.2	0.7	1	266	2	2	47	4
Dry beans	183	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	5,660	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	59,963	17,989	59,963	17,989	30.0	100.0	30.0	59	7,880	29	7	263	3
Vegetables	6,033	3,445	3,445	3,445	57.1	57.1	57.1	36	108	54	21	63	31
Potatoes	65,943	60,477	60,477	60,477	91.7	91.7	91.7	639	2,500	1,249	21	83	41
Nursery and greenhouse	49	49	49	49	100.0	100.0	100.0	3	3	3	122	122	122

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Small fruits	73	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	55	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	5,205	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	452,124	184,373	236,612	83,101	40.8	52.3	18.4	1,313	12,620	1,337	14	107	32
Wheat	502,975	402,380	402,380	17,280	80.0	80.0	3.4	3,250	7,269	69	16	36	8
Oats	634,227	253,691	253,691	---	40.0	40.0	---	507	1,015	---	4	8	---
Barley	674,388	472,037	472,037	17,680	70.0	70.0	2.6	1,395	1,820	71	6	8	8
Other small grain	138,243	82,946	82,946	---	60.0	60.0	---	182	796	---	4	19	---
Seed crops	51,600	---	25,800	25,800	---	50.6	50.6	---	387	194	---	30	15
Wild hay	126,504	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,127,937	1,211,054	1,236,854	60,760	56.9	58.1	2.9	5,334	11,287	334	9	18	11
Tame hay and cropland pasture	541,896	3,500	102,964	---	0.6	19.0	---	11	2,739	---	6	53	---
Improved permanent pasture	159,682	4,717	4,717	4,717	3.0	3.0	3.0	29	29	29	12	12	12
Hay and pasture	701,578	8,217	107,681	4,717	1.2	15.3	0.7	40	2,768	29	10	51	12
Total	3,281,639	1,403,644	1,581,147	148,578	42.8	48.2	4.5	6,687	26,675	1,700	10	34	23
North Dakota:													
Corn	138,341	85,948	85,948	2,000	62.1	62.1	1.4	522	1,035	9	12	24	9
Sorghum	495	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	81,758	2,453	2,453	---	3.0	3.0	---	8	35	---	7	29	---
Dry beans	422	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	5,210	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	33,547	17,444	33,547	5,200	52.0	100.0	15.5	86	1,181	32	10	70	12
Vegetables	1,613	---	---	---	---	---	---	---	---	---	---	---	---
Potatoes	93,359	78,806	82,124	73,000	84.4	88.0	78.2	1,663	1,754	738	42	43	20
Miscellaneous	14,009	4,686	4,686	---	33.4	33.4	---	19	56	---	8	24	---
Intertilled crops	368,754	189,337	208,758	80,200	51.3	56.6	21.7	2,898	4,061	779	24	39	19
Wheat	752,283	393,153	548,199	55,400	52.3	72.9	7.4	2,480	7,309	277	13	27	10
Rye	11,162	530	530	---	4.7	4.7	---	2	6	---	8	23	---
Oats	242,000	74,016	74,016	---	30.6	30.6	---	273	467	---	7	13	---
Barley	795,142	569,827	569,827	99,670	71.7	71.7	12.5	3,796	4,244	619	13	15	12
Flax	292,957	27,831	27,831	---	9.5	9.5	---	140	176	---	10	13	---
Proso	6,857	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	45	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	66,051	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,166,497	1,065,357	1,220,403	155,070	49.2	56.3	7.2	6,691	12,202	896	13	20	12
Tame hay and cropland pasture	214,272	3,231	10,185	---	1.5	4.8	---	39	231	---	24	45	---
Improved permanent pasture	136,994	967	---	---	0.7	---	---	24	---	---	50	---	---
Hay and pasture	351,266	4,198	10,185	---	1.2	2.9	---	63	231	---	30	45	---
Total	2,886,517	1,258,892	1,439,346	235,270	43.6	49.9	8.2	9,052	16,494	1,675	14	23	14
Total:													
Corn	289,907	187,220	187,220	2,000	64.6	64.6	0.7	1,097	2,898	9	12	31	9
Sorghum	495	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	239,152	3,594	13,859	1,141	1.5	5.8	0.5	9	301	2	5	43	4
Dry beans	605	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	10,870	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	93,510	35,433	93,510	23,189	37.9	100.0	24.8	145	9,061	61	8	194	5
Vegetables	7,646	3,445	3,445	3,445	45.1	45.1	45.1	36	108	54	21	63	31
Potatoes	159,302	139,283	142,601	133,477	87.4	89.5	83.8	2,302	4,254	1,987	33	60	30
Nursery and greenhouse	49	49	49	49	100.0	100.0	100.0	3	3	3	122	122	122
Small fruits	73	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	55	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	19,214	4,686	4,686	---	24.4	24.4	---	19	56	---	8	24	---
Intertilled crops	820,878	373,710	445,370	163,301	45.5	54.3	19.9	3,611	16,681	2,116	19	75	26
Wheat	1,255,258	795,533	950,579	72,680	63.4	75.7	5.8	5,730	14,578	346	14	31	10
Rye	11,162	530	530	---	4.7	4.7	---	2	6	---	8	23	---
Oats	876,227	327,707	327,707	---	37.4	37.4	---	780	1,482	---	5	9	---
Barley	1,469,530	1,041,864	1,041,864	117,350	70.9	70.9	8.0	5,191	6,064	690	10	12	12
Flax	292,957	27,831	27,831	---	9.5	9.5	---	140	176	---	10	13	---
Proso	6,857	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	45	---	---	---	---	---	---	---	---	---	---	---	---
Other small grain	138,243	82,946	82,946	---	60.0	60.0	---	182	796	---	4	19	---
Seed crops	51,600	---	25,800	25,800	---	50.0	50.0	---	387	194	---	30	15
Wild hay	192,555	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	4,294,434	2,276,411	2,457,257	215,830	53.0	57.2	5.0	12,025	23,489	1,230	11	19	11
Tame hay and cropland pasture	756,168	6,731	113,149	---	0.9	15.0		50	2,970	---	15	52	---
Improved permanent pasture	296,676	5,684	4,717	4,717	1.9	1.6	1.6	53	29	29	19	12	12
Hay and pasture	1,052,844	12,415	117,866	4,717	1.2	11.2	0.4	103	2,999	29	17	51	12
Total	6,168,156	2,662,536	3,020,493	383,848	43.2	49.0	6.2	15,739	43,169	3,375	12	29	18

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-75, PORTION III:													
North Dakota:													
Corn	731,398	164,473	164,473	2,000	22.5	22.5	0.3	1,032	1,944	9	13	24	9
Sorghum	6,304	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	125,083	3,128	3,128	---	25.0	25.0	---	12	53	---	8	34	---
Dry beans	299	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	77	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	1,139	1,139	1,139	200	100.0	100.0	17.6	32	49	1	56	86	10
Vegetables	5,379	---	---	---	---	---	---	---	---	---	---	---	---
Potatoes	5,627	1,209	1,496	1,330	21.5	26.6	23.6	21	27	9	35	36	14
Miscellaneous	6,560	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	881,866	169,949	170,236	3,530	19.3	19.3	0.4	1,097	2,073	19	13	24	11
Wheat	4,342,128	1,011,616	1,625,219	6,000	23.3	37.4	0.1	4,641	16,902	24	9	21	8
Rye	155,853	2,182	3,117	---	1.4	2.0	---	9	37	---	8	24	---
Oats	1,168,798	199,187	209,896	---	17.0	18.0	---	654	1,707	---	7	16	---
Barley	2,679,166	871,195	918,034	20,000	32.5	34.3	0.7	4,208	7,159	90	10	16	9
Flax	1,405,622	28,112	28,112	---	2.0	2.0	---	62	270	---	4	19	---
Proso	48,789	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	12,050	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	1,568,572	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	11,380,978	2,112,292	2,784,378	26,000	18.6	24.5	0.2	9,574	26,075	114	9	19	9
Tame hay and cropland pasture	1,611,482	15,697	29,542	---	1.0	1.8	---	151	533	---	19	36	56
Improved permanent pasture	5,425,063	3,284	---	---	0.1	---	---	50	---	---	30	---	---
Hay and pasture	7,036,545	18,981	29,542	---	0.3	0.4	---	201	533	---	21	36	56
Total	19,299,389	2,301,222	2,984,156	29,530	11.9	15.5	0.2	10,872	28,681	133	9	19	9
South Dakota:													
Corn	905,315	70,505	61,324	1,321	7.8	6.8	0.1	902	593	11	26	19	17
Sorghum	49,391	4,696	3,060	---	9.5	6.2	---	45	22	---	19	14	---
Soybeans	4,584	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	6	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	1,180	516	516	516	43.7	43.7	43.7	7	6	6	27	23	23
Potatoes	2,402	203	203	150	8.5	8.5	6.2	3	4	2	30	39	27
Nursery and greenhouse	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	128	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	266	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	963,273	75,920	65,103	1,987	7.9	6.8	0.2	957	625	19	25	19	19
Wheat	910,192	65,697	70,477	---	7.2	7.7	---	361	714	---	11	20	---
Oats	465,212	24,126	26,125	---	5.2	5.6	---	204	219	---	17	17	---
Barley	173,092	5,000	4,500	---	2.9	2.6	---	43	35	---	17	16	---
Other small grain	286,119	2,500	3,000	---	0.9	1.0	---	28	40	---	22	27	---
Seed crops	14,817	2,900	900	400	19.6	6.1	2.7	29	9	5	20	20	25
Wild hay	720,587	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,570,019	100,223	105,002	400	3.9	4.1	---	665	1,017	5	13	19	25
Tame hay and cropland pasture	1,130,903	---	9,071	---	---	0.8	---	---	183	---	---	40	---
Improved permanent pasture	3,678,123	1,475	---	---	---	---	---	27	---	---	37	---	---
Hay and pasture	4,809,026	1,475	9,071	---	---	0.2	---	27	183	---	37	40	---
Total	8,342,318	177,618	179,176	2,387	2.1	2.1	---	1,649	1,825	24	19	20	20
Total:													
Corn	1,636,713	234,978	225,797	3,321	14.4	13.8	0.2	1,934	2,537	20	16	22	12
Sorghum	55,695	4,696	3,060	---	8.4	5.5	---	45	22	---	19	14	---
Soybeans	129,667	3,128	3,128	---	2.4	2.4	---	12	53	---	8	34	---
Dry beans	305	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	77	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	1,139	1,139	1,139	200	100.0	100.0	17.6	32	49	1	56	86	10
Vegetables	6,559	516	516	516	7.9	7.9	7.9	7	6	6	27	23	23
Potatoes	8,029	1,412	1,699	1,480	17.6	21.2	18.4	24	31	11	34	36	15
Nursery and greenhouse	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	128	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	6,826	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	1,845,139	245,869	235,339	5,517	13.3	12.8	0.3	2,083	2,707	43	17	23	16
Wheat	5,252,320	1,077,313	1,695,696	6,000	20.5	32.3	0.1	5,002	17,616	24	9	21	8
Rye	155,853	2,182	3,117	---	1.4	2.0	---	9	37	---	8	24	---
Oats	1,634,010	223,313	236,021	---	13.7	14.4	---	858	1,926	---	8	16	---
Barley	2,852,258	876,195	922,534	20,000	30.7	32.3	0.7	4,251	7,194	90	10	16	9
Flax	1,405,622	28,112	28,112	---	2.0	2.0	---	62	270	---	4	19	---
Proso	48,789	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	12,050	---	---	---	---	---	---	---	---	---	---	---	---
Other small grain	286,119	2,500	3,000	---	0.9	1.0	---	28	40	---	22	27	---
Seed crops	14,817	2,900	900	400	19.6	6.1	2.7	24	9	5	20	20	25
Wild hay	2,289,159	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	13,950,997	2,212,515	2,889,380	26,400	15.9	20.7	0.2	10,210	27,083	114	9	19	9

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	2,742,385	15,697	38,613	---	0.6	1.4	---	151	716	---	19	37	56
Improved permanent pasture	9,103,186	4,759	---	---	0.1	---	---	77	---	---	32	---	---
Hay and pasture	11,845,571	20,456	38,613	---	0.2	0.3	---	228	716	---	22	37	56
Total	27,641,707	2,478,840	3,163,332	31,917	9.0	11.4	0.1	12,521	30,506	157	10	19	10
ASR-76, PORTION IN:													
Kansas:													
Corn	316,810	73,364	73,364	---	23.2	23.2	---	1,693	688	---	46	17	---
Sorghum	418,419	47,605	47,605	---	11.4	11.4	---	757	281	---	32	12	---
Soybeans	2,383	95	95	---	4.0	4.0	---	---	---	---	11	15	---
Vegetables	1,401	402	402	---	28.7	28.7	---	9	3	---	45	15	---
Potatoes	113	68	68	---	60.2	60.2	---	2	1	---	59	29	---
Popcorn	218	218	218	---	100.0	100.0	---	7	2	---	64	18	---
Nursery and greenhouse	3	3	3	---	100.0	100.0	---	---	---	---	80	30	---
Small fruits	13	13	13	---	100.0	100.0	---	---	---	---	46	15	---
Tree fruits	401	160	160	---	39.9	39.9	---	3	1	---	38	12	---
Miscellaneous	4,265	426	426	---	10.0	10.0	---	8	3	---	38	14	---
Intertilled crops	744,026	122,354	122,354	---	16.4	16.4	---	2,479	919	---	41	15	---
Wheat	602,022	174,613	174,613	---	29.0	29.0	---	2,994	1,110	---	34	13	---
Rye	13,024	1,302	1,302	---	10.0	10.0	---	23	9	---	35	14	---
Oats	45,726	10,934	10,934	---	23.9	23.9	---	190	70	---	35	13	---
Barley	37,193	8,140	8,140	---	21.9	21.9	---	144	53	---	35	13	---
Wild hay	37,579	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	735,544	194,989	194,989	---	26.5	26.5	---	3,351	1,242	---	34	13	---
Tame hay and cropland pasture	289,686	7,211	7,211	---	2.5	2.5	---	194	72	---	54	20	---
Improved permanent pasture	1,223,474	1,485	1,485	---	0.1	0.1	---	27	10	---	36	13	---
Hay and pasture	1,513,160	8,696	8,696	---	0.6	0.6	---	221	82	---	51	19	---
Total	2,992,730	326,039	326,039	---	10.9	10.9	---	6,051	2,243	---	37	14	---
Nebraska:													
Corn	4,015,096	1,789,619	641,537	84,499	44.6	16.0	2.1	72,172	9,779	827	81	30	20
Sorghum	1,143,593	210,554	59,708	7,635	18.4	5.2	0.7	6,679	859	77	63	29	20
Soybeans	29,944	7,964	4,278	583	26.6	14.3	1.9	178	60	6	45	28	21
Dry beans	549	84	42	---	15.3	7.6	---	2	1	---	48	48	---
Sugar beets	10,093	8,970	3,525	592	88.9	34.9	5.9	307	92	7	68	52	24
Vegetables	8,180	2,312	889	---	28.3	10.9	---	58	16	---	50	36	---
Potatoes	2,435	1,935	728	92	79.5	29.9	3.8	51	12	1	53	33	22
Popcorn	5,714	5,002	2,141	316	87.5	37.5	5.5	217	36	3	87	34	19
Nursery and greenhouse	189	152	122	---	80.4	64.6	---	5	3	---	66	49	---
Small fruits	12	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,263	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	22,462	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	5,239,530	2,026,592	712,970	93,717	38.7	13.6	1.8	79,669	10,858	921	79	30	20
Wheat	1,591,786	320,841	104,066	14,468	20.2	6.5	0.9	6,266	1,564	127	39	30	18
Rye	83,699	9,585	4,547	503	11.5	5.4	0.6	165	54	4	34	24	16
Oats	580,290	66,577	41,008	5,248	11.5	7.1	0.9	1,194	601	51	36	29	19
Barley	149,210	15,323	6,630	783	10.3	4.4	0.5	282	91	7	37	27	18
Safflower	304	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	492,472	5,056	3,658	210	1.0	0.7	---	118	63	2	47	34	19
Close-growing crops	2,897,761	417,382	159,909	21,212	14.4	5.5	0.7	8,025	2,373	191	38	30	18
Tame hay and cropland pasture	1,613,154	25,484	44,074	5,012	1.6	2.7	0.3	610	850	47	48	39	19
Improved permanent pasture	7,261,764	12,499	9,523	1,351	0.2	0.1	---	316	174	14	51	36	21
Hay and pasture	8,874,918	37,983	53,597	6,363	0.4	0.6	0.1	926	1,024	61	49	38	19
Total	17,012,209	2,481,957	926,476	121,292	14.6	5.4	0.7	88,620	14,255	1,173	71	31	19
South Dakota:													
Corn	1,304,520	38,408	32,636	1,200	2.9	2.5	0.1	528	374	12	27	23	20
Sorghum	144,887	4,000	4,000	---	2.8	2.8	---	35	24	---	18	12	---
Soybeans	3,275	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	1,955	438	438	---	22.4	22.4	---	5	4	---	23	18	---
Potatoes	146	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	4	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	15	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	187	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	5,302	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	1,460,291	42,846	37,074	1,200	2.9	2.5	0.1	568	402	12	27	22	20
Wheat	166,244	11,785	11,785	---	7.1	7.1	---	59	59	---	10	10	---
Oats	524,038	20,000	20,000	---	3.8	3.8	---	142	100	---	14	10	---
Barley	57,303	6,000	6,000	---	10.5	10.5	---	52	22	---	17	7	---
Other small grain	33,108	2,530	2,530	---	7.6	7.6	---	25	10	---	20	8	---
Seed crops	7,413	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	381,499	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,169,605	40,315	40,315	---	3.4	3.4	---	278	191	---	14	9	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	866,094	---	9,290	---	---	1.1	---	---	186	---	---	40	---
Improved permanent pasture	2,363,931	2,120	---	---	0.1	---	---	48	---	---	45	---	---
Hay and pasture	3,230,025	2,120	9,290	---	0.1	0.4	---	48	186	---	45	40	---
Total	5,859,921	85,281	86,679	1,200	1.5	1.5	---	894	779	12	21	18	20
Total:													
Corn	5,636,426	1,901,391	747,537	85,699	33.7	13.3	1.5	74,393	10,781	839	78	29	20
Sorghum	1,706,899	262,159	111,313	7,635	15.4	6.5	0.4	7,471	1,164	77	57	21	20
Soybeans	35,602	8,059	4,373	583	22.6	12.3	1.6	178	60	6	44	27	21
Dry beans	549	84	42	---	15.3	7.6	---	2	1	---	48	48	---
Sugar beets	10,093	8,970	3,525	592	88.9	34.9	5.9	307	92	7	68	52	24
Vegetables	11,536	3,152	1,729	---	27.3	15.0	---	72	23	---	46	27	---
Potatoes	2,694	2,003	796	92	74.4	29.5	3.4	53	13	1	53	33	22
Popcorn	5,932	5,220	2,359	316	88.0	39.8	5.3	224	38	3	86	32	19
Nursery and greenhouse	196	155	125	---	79.1	63.8	---	5	3	---	65	48	---
Small fruits	40	13	13	---	32.5	32.5	---	---	---	---	46	15	---
Tree fruits	1,851	160	160	---	8.6	8.6	---	3	1	---	38	12	---
Miscellaneous	32,029	426	426	---	1.3	1.3	---	8	3	---	38	14	---
Intertilled crops	7,443,847	2,191,792	872,398	94,917	29.4	11.7	1.3	82,716	12,179	933	75	28	20
Wheat	2,360,052	507,239	290,464	14,468	21.5	12.3	0.6	9,319	2,733	127	37	19	18
Rye	96,723	10,887	5,849	503	11.3	6.0	0.5	188	63	4	35	22	16
Oats	1,150,054	97,511	71,942	5,248	8.5	6.3	0.5	1,526	771	51	31	21	19
Barley	243,706	29,463	20,770	783	12.1	8.5	0.3	478	166	7	32	16	18
Safflower	304	---	---	---	---	---	---	---	---	---	---	---	---
Other small grains	33,108	2,530	2,530	---	7.6	7.6	---	25	10	---	20	8	---
Seed crops	7,413	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	911,550	5,056	3,658	210	0.6	0.4	---	118	63	2	47	34	19
Close-growing crops	4,802,910	652,686	395,213	21,212	13.6	8.2	0.4	11,654	3,806	191	36	19	18
Tame hay and cropland pasture	2,768,934	32,695	60,575	5,012	1.2	2.2	0.2	804	1,108	47	49	37	19
Improved permanent pasture	10,849,169	16,104	11,008	1,351	0.1	0.1	---	391	184	14	49	33	21
Hay and pasture	13,618,103	48,799	71,583	6,363	0.4	0.5	---	1,195	1,292	61	49	36	19
Total	25,864,860	2,893,277	1,339,194	122,492	11.2	5.2	0.5	95,565	17,277	1,185	66	26	19
ASR-77, PORTION IN:													
Kansas:													
Corn	209,861	46,810	46,810	---	22.3	22.3	---	689	555	---	29	24	---
Sorghum	876,414	181,691	181,691	---	20.7	20.7	---	1,655	1,336	---	18	15	---
Soybeans	24,017	1,681	1,681	---	7.0	7.0	---	8	13	---	10	15	---
Vegetables	3,618	2,264	2,264	---	62.6	62.6	---	49	35	---	43	31	---
Potatoes	185	102	102	---	55.1	55.1	---	2	2	---	39	39	---
Popcorn	824	412	412	---	50.0	50.0	---	7	6	---	34	29	---
Nursery and greenhouse	453	362	362	---	79.9	79.9	---	13	7	---	72	39	---
Small fruits	36	36	36	---	100.0	100.0	---	1	---	---	56	33	---
Tree fruits	1,845	1,291	1,291	---	70.0	70.0	---	31	10	---	48	15	---
Miscellaneous	7,855	785	785	---	10.0	10.0	---	8	6	---	20	15	---
Intertilled crops	1,125,108	235,434	235,434	---	20.9	20.9	---	2,463	1,970	---	21	17	---
Wheat	2,203,894	1,054,717	1,054,717	---	47.9	47.9	---	9,481	7,641	---	18	14	---
Rye	46,707	6,072	6,072	---	13.0	13.0	---	58	45	---	19	15	---
Oats	214,175	68,536	68,536	---	32.0	32.0	---	641	517	---	19	15	---
Barley	309,889	89,673	89,673	---	28.9	28.9	---	814	675	---	18	15	---
Wild hay	66,522	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,841,187	1,218,998	1,218,998	---	42.9	42.9	---	10,994	8,878	---	18	15	---
Tame hay and cropland pasture	516,955	28,480	28,480	---	5.5	5.5	---	317	255	---	22	18	---
Improved permanent pasture	2,023,814	6,568	6,568	---	0.3	0.3	---	50	40	---	15	12	---
Hay and pasture	2,540,769	35,048	35,048	---	1.4	1.4	---	367	295	---	21	17	---
Total	6,507,064	1,489,480	1,489,480	---	22.9	22.9	---	13,824	11,143	---	19	15	---
Oklahoma:													
Corn	10,943	2,222	3,071	1,600	20.3	28.1	14.6	20	43	8	18	28	10
Sorghum	169,829	19,429	23,130	9,200	11.4	13.6	5.4	136	266	46	14	23	10
Broomcorn	189	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	1,965	---	1,520	500	---	77.4	25.4	---	19	2	---	25	8
Cowpeas	34,910	600	2,000	1,600	1.7	5.7	4.6	3	20	8	10	20	10
Peanuts	444	---	343	286	---	77.3	64.4	---	6	2	---	35	14
Cotton	22,428	5,375	8,041	4,167	24.0	35.9	18.6	43	113	25	16	28	12
Vegetables	3,642	2,200	3,167	2,200	60.4	87.0	60.4	11	38	11	10	24	10
Potatoes	143	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	369	328	330	330	88.9	89.4	89.4	10	15	5	61	91	30
Small fruits	10	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	794	200	476	---	25.2	59.9	---	1	5	---	10	21	---
Miscellaneous	12,254	1,667	3,556	750	13.6	29.0	6.1	10	32	3	12	18	8
Intertilled crops	257,920	32,021	45,634	20,633	12.4	17.7	8.0	234	557	110	15	24	11

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	1,602,552	233,143	439,900	33,500	14.5	27.4	2.1	1,632	4,399	134	14	20	8
Rye	18,235	500	889	250	2.7	4.9	1.4	3	8	1	12	18	8
Oats	178,660	28,333	68,111	10,250	15.9	38.1	5.7	170	613	41	12	18	8
Barley	287,723	14,667	34,889	2,750	5.1	12.1	1.0	88	314	11	12	18	8
Wild hay	24,121	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,111,291	276,643	543,789	46,750	13.1	25.8	2.2	1,893	5,334	187	14	20	8
Tame hay and cropland pasture	340,252	14,429	36,578	8,667	4.2	10.8	2.5	101	823	52	14	45	12
Improved permanent pasture	1,697,432	2,667	7,107	800	0.2	0.4	---	16	143	4	12	40	10
Hay and pasture	2,037,684	17,096	43,685	9,467	0.8	2.1	0.5	117	966	56	14	44	12
Total	4,406,895	325,760	633,108	76,850	7.4	14.4	1.7	2,244	6,857	353	14	22	9
Total:													
Corn	220,804	49,032	49,881	1,600	22.2	22.6	0.7	709	598	8	29	24	10
Sorghum	1,046,243	201,120	204,821	9,200	19.2	19.6	0.9	1,791	1,602	46	18	16	10
Broomcorn	189	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	25,982	1,681	3,201	500	6.5	12.3	1.9	8	32	2	10	20	8
Cowpeas	34,910	600	2,000	1,600	1.7	5.7	4.6	3	20	8	10	20	10
Peanuts	444	---	343	286	---	77.3	64.4	---	6	2	---	35	14
Cotton	22,428	5,375	8,041	4,167	24.0	35.9	18.6	43	113	25	16	28	12
Vegetables	7,260	4,464	5,431	2,200	61.5	74.8	30.3	60	73	11	27	27	10
All potatoes	328	102	102	---	31.1	31.1	---	2	2	---	39	39	---
Popcorn	824	412	412	---	50.0	50.0	---	7	6	---	34	29	---
Nursery and greenhouse	822	690	692	330	83.9	84.2	40.1	23	22	5	67	64	30
Small fruits	46	36	36	---	78.3	78.3	---	1	---	---	56	33	---
Tree fruits	2,639	1,491	1,767	---	56.5	67.0	---	32	15	---	43	17	---
Miscellaneous	20,109	2,452	4,341	750	12.2	21.6	3.7	18	38	3	15	18	8
Intertilled crops	1,383,028	267,455	281,068	20,633	19.3	20.3	1.5	2,697	2,527	110	20	18	11
Wheat	3,806,446	1,287,860	1,494,617	33,500	33.8	39.3	0.9	11,113	12,040	134	17	16	8
Rye	64,942	6,572	6,961	250	10.1	10.7	0.4	61	53	1	19	15	8
Oats	392,835	96,869	136,647	10,250	24.7	34.8	2.6	811	1,130	41	17	17	8
Barley	597,612	104,340	124,562	2,750	17.5	20.8	0.5	902	989	11	17	16	8
Wild hay	90,643	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	4,952,478	1,495,641	1,762,787	46,750	30.2	35.6	0.9	12,887	14,212	187	17	16	8
Tame hay and cropland pasture	857,207	42,909	65,058	8,667	5.0	7.6	1.0	418	1,078	52	19	33	12
Improved permanent pasture	3,721,246	9,235	13,675	800	0.2	0.4	---	66	183	4	14	27	10
Hay and pasture	4,578,453	52,144	78,733	9,467	1.1	1.7	0.2	484	1,261	56	19	32	12
Total	10,913,959	1,815,240	2,122,588	76,850	16.6	19.4	0.7	16,068	18,000	353	18	17	9
ASR-78, PORTION IN:													
Oklahoma:													
Corn	83,268	29,040	24,114	16,000	34.9	29.0	19.2	363	422	120	25	35	15
Sorghum	109,673	14,300	14,880	15,750	13.0	13.6	14.4	143	186	63	20	25	8
Broomcorn	14,856	6,600	7,400	5,600	44.4	49.8	37.7	66	74	28	20	20	10
Soybeans	38,508	---	25,053	13,750	---	65.1	35.7	---	476	110	---	38	16
Cowpeas	16,054	---	1,065	800	---	6.6	5.0	---	25	4	---	47	10
Peanuts	32,158	---	4,250	1,500	---	13.2	4.7	---	51	6	---	24	8
Cotton	62,983	21,375	23,667	22,000	33.9	37.6	34.9	171	355	154	16	30	14
Vegetables	25,111	9,917	5,900	8,200	39.5	23.5	32.7	119	118	82	24	40	20
All potatoes	846	785	550	400	92.8	65.0	47.3	10	11	4	25	40	20
Nursery and greenhouse	1,563	1,554	1,554	1,550	99.4	99.4	99.2	71	67	31	91	86	40
Small fruits	598	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	17,739	1,231	1,304	800	6.9	7.4	4.5	16	15	4	26	23	10
Intertilled crops	403,357	84,802	109,737	86,350	21.0	27.2	21.4	959	1,800	606	23	33	14
Wheat	208,855	75,100	105,429	44,250	36.0	50.5	21.2	751	1,476	177	20	28	8
Rye	3,958	500	667	250	12.6	16.9	6.3	4	6	1	16	18	8
Oats	99,681	21,900	22,714	16,000	22.0	22.8	16.1	219	318	64	20	28	8
Barley	49,954	9,500	10,833	5,000	19.0	21.7	10.0	76	130	20	16	24	8
Wild hay	123,790	7,714	7,214	4,857	6.2	5.8	3.9	54	101	34	14	28	14
Close-growing crops	486,238	114,714	146,857	70,357	23.6	30.2	14.5	1,104	2,031	296	19	28	8
Tame hay and cropland pasture	873,029	75,833	103,316	91,167	8.7	11.8	10.4	455	1,963	547	12	38	12
Improved permanent pasture	3,224,648	51,857	58,563	46,833	1.6	1.8	1.5	363	937	281	14	32	12
Hay and pasture	4,097,677	127,690	161,879	138,000	3.1	4.0	3.4	818	2,900	828	13	36	12
Total	4,987,272	327,206	418,473	294,707	6.6	8.4	5.9	2,881	6,731	1,730	18	32	12
ASR-79, PORTION IN:													
Oklahoma:													
Corn	26,730	7,636	8,000	5,556	28.6	29.9	20.8	84	176	25	22	44	9
Sorghum	40,632	6,429	7,533	7,125	15.8	18.5	17.5	45	113	57	14	30	16
Broomcorn	3,259	1,077	1,308	1,077	33.0	40.1	33.0	7	17	7	13	26	13
Soybeans	1,010	---	500	500	---	49.5	49.5	---	11	4	---	44	16
Cowpeas	3,966	400	800	800	10.1	20.2	20.2	1	12	4	5	30	10
Peanuts	28,599	3,300	8,238	7,364	11.5	28.8	25.7	33	173	81	20	42	22
Cotton	41,342	6,286	7,643	7,857	15.2	18.5	19.0	44	107	55	14	28	14

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Vegetables	4,897	667	1,220	1,200	13.6	24.9	24.5	8	25	12	24	41	20
All potatoes	569	286	286	286	50.3	50.3	50.3	3	6	4	21	42	28
Nursery and greenhouse	45	34	34	34	75.6	75.6	75.6	1	2	1	59	118	59
Small fruits	50	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	8,306	1,538	2,087	2,200	18.5	25.1	26.5	20	24	11	26	23	10
Intertilled crops	159,405	27,653	37,649	33,999	17.3	23.6	21.3	246	666	261	18	35	15
Wheat	30,869	13,100	17,143	13,500	42.4	55.5	43.7	131	240	81	20	28	12
Rye	1,269	167	333	167	13.2	26.2	13.2	1	6	1	12	36	12
Oats	28,076	3,500	6,364	4,000	12.5	22.7	14.2	28	70	16	16	22	8
Barley	5,721	875	1,556	1,125	15.3	27.2	19.7	7	28	9	16	36	16
Wild hay	23,768	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	89,703	17,642	25,396	18,792	19.7	28.3	20.9	167	344	107	19	27	11
Tame hay and cropland pasture	330,313	39,286	46,409	22,000	11.9	14.0	6.7	275	1,021	132	14	44	12
Improved permanent pasture	1,833,518	23,667	24,308	9,600	1.3	1.3	0.5	142	316	48	12	26	10
Hay and pasture	2,163,831	62,953	70,717	31,600	2.9	3.3	1.5	417	1,337	180	13	38	11
Total	2,412,939	108,248	133,762	84,391	4.5	5.5	3.5	830	2,347	548	15	35	13
Texas:													
Corn	73,042	5,348	5,348	3,900	7.3	7.3	5.3	83	102	41	31	38	21
Sorghum	218,327	21,986	21,986	9,923	10.1	10.1	4.5	223	259	104	20	24	21
Broomcorn	447	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	291	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	4,539	---	---	---	---	---	---	---	---	---	---	---	---
Peanuts	106,017	53,000	53,000	53,000	50.0	50.0	50.0	426	831	426	16	31	16
Cotton	130,492	7,422	7,422	7,422	5.7	5.7	5.7	92	113	45	25	30	12
Vegetables	14,985	6,000	6,000	6,000	40.0	40.0	40.0	104	104	49	35	35	16
Potatoes	744	700	700	700	94.1	94.1	94.1	10	10	10	29	29	29
Sweet potatoes	299	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	1,095	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	28,294	3,000	3,000	3,000	10.6	10.6	10.6	19	38	38	13	25	25
Intertilled crops	578,572	97,456	97,456	83,945	16.8	16.8	14.5	957	1,457	713	20	30	17
Wheat	99,401	11,978	11,978	3,278	12.1	12.1	3.2	165	161	36	28	27	22
Rye	1,480	178	178	149	12.0	12.0	10.1	8	7	2	90	79	27
Oats	323,518	38,984	38,984	10,728	12.1	12.1	3.3	540	525	116	28	27	22
Barley	23,442	2,824	2,824	745	12.0	12.0	3.2	37	36	8	26	25	21
Flax	8	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	19,207	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	467,056	53,964	53,964	14,900	11.6	11.6	3.2	750	729	162	28	27	22
Tame hay and cropland pasture	1,066,493	86,407	86,407	46,485	8.1	8.1	4.4	1,119	1,417	590	26	33	25
Improved permanent pasture	5,430,588	18,722	18,722	4,743	0.3	0.3	0.1	249	331	83	27	35	35
Hay and pasture	6,497,081	105,129	105,129	51,228	1.6	1.6	0.8	1,368	1,748	673	26	33	26
Total	7,542,709	256,549	256,549	150,073	3.4	3.4	2.0	3,075	3,934	1,548	24	31	21
Total:													
Corn	99,772	12,984	13,348	9,456	13.0	13.4	9.5	167	278	66	26	42	14
Sorghum	258,959	28,415	29,519	17,048	11.0	11.4	6.6	268	372	161	19	25	19
Broomcorn	3,706	1,077	1,308	1,077	29.1	35.3	29.1	7	17	7	13	26	13
Soybeans	1,301	---	500	500	---	38.4	38.4	---	11	4	---	44	16
Cowpeas	8,505	400	800	800	4.7	9.4	9.4	1	12	4	5	30	10
Peanuts	134,616	56,300	61,238	60,364	41.8	45.5	44.8	459	1,004	507	16	33	17
Cotton	171,834	13,708	15,065	15,279	8.0	8.8	8.9	136	220	100	20	29	13
Vegetables	19,882	6,667	7,220	7,200	33.5	36.3	36.2	112	129	61	34	36	17
All potatoes	1,612	986	986	986	61.2	61.2	61.2	13	16	14	26	32	28
Nursery and greenhouse	1,140	34	34	34	3.0	3.0	3.0	1	2	1	59	118	59
All fruit	36,650	4,538	5,087	5,200	12.4	13.9	14.2	39	62	49	17	24	19
Intertilled crops	737,977	125,109	135,105	117,944	17.0	18.3	16.0	1,203	2,123	974	19	31	17
Wheat	130,270	25,078	29,121	16,778	19.2	22.4	12.9	296	401	117	24	28	14
Rye	2,749	345	511	316	12.6	18.6	11.5	9	13	3	52	51	19
Oats	351,594	42,484	45,348	14,728	12.1	12.9	4.2	568	595	132	27	26	18
Barley	29,163	3,699	4,380	1,870	12.7	15.0	6.4	44	64	17	24	29	18
Flax	8	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	42,975	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	556,759	71,606	79,360	33,692	12.9	14.3	6.1	917	1,073	269	26	27	16
Tame hay and cropland pasture	1,396,806	125,693	132,816	68,485	9.0	9.5	4.9	1,394	2,438	722	22	37	21
Improved permanent pasture	7,264,106	42,389	43,030	14,343	0.6	0.6	0.2	391	647	131	18	30	18
Hay and pasture	8,660,912	168,082	175,846	82,828	1.9	2.0	1.0	1,785	3,085	853	21	35	21
Total	9,955,648	364,797	390,311	234,464	3.7	3.9	2.4	3,905	6,281	2,096	21	32	18

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-80, PORTION IN:													
Texas:													
Corn	632,166	69,010	69,010	14,442	10.9	10.9	2.3	1,062	1,084	217	31	31	30
Sorghum	787,588	80,713	80,713	21,713	10.2	10.2	2.8	1,294	1,147	229	32	28	21
Broomcorn	1,317	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	4,179	---	2,000	---	---	47.9	---	---	20	---	---	20	---
Cowpeas	11,769	5,900	5,900	---	50.1	50.1	---	59	119	---	20	40	---
Peanuts	25,516	11,800	11,800	11,800	46.2	46.2	46.2	120	239	179	20	40	30
Cotton	1,207,092	110,158	110,158	34,224	9.1	9.1	2.8	2,023	1,750	350	37	32	20
Vegetables	40,576	29,000	29,000	29,000	71.5	71.5	71.5	605	627	325	42	43	22
Potatoes	2,357	---	---	---	---	---	---	---	---	---	---	---	---
Sweet potatoes	745	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	1,436	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	17,165	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	2,731,906	306,581	308,581	111,179	11.2	11.3	4.1	5,163	4,986	1,300	33	32	23
Wheat	212,284	41,820	41,820	341	19.7	19.7	0.2	549	630	6	26	30	35
Rye	476	95	95	---	20.0	20.0	---	2	2	---	42	42	---
Rice	1,336	1,336	1,336	1,336	100.0	100.0	100.0	27	27	13	40	40	19
Oats	256,457	50,615	50,615	414	19.7	19.7	0.2	666	764	7	26	30	34
Barley	28,985	5,797	5,797	---	20.0	20.0	---	75	89	---	26	31	---
Flax	629	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	101,219	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	601,386	99,663	99,663	2,091	16.7	16.7	0.3	1,319	1,512	26	26	30	25
Tame hay and cropland pasture	1,487,948	181,636	181,636	---	12.2	12.2	---	2,982	3,681	---	33	41	---
Improved permanent pasture	4,101,440	78,114	78,114	15,579	1.9	1.9	0.4	1,124	1,479	296	29	38	36
Hay and pasture	5,589,388	259,750	259,750	15,579	4.6	4.6	0.3	4,106	5,160	296	32	40	38
Total	8,922,680	665,994	667,994	128,349	7.5	7.5	1.4	10,588	11,658	1,622	32	35	25
ASR-81, PORTION IN:													
Texas:													
Corn	252,397	54,048	53,916	54	21.4	21.4	---	714	727	1	26	27	37
Sorghum	1,246,995	121,152	105,627	11,100	9.7	8.5	0.9	1,698	1,294	129	28	24	23
Broomcorn	24,242	12,000	12,000	---	49.5	49.5	---	90	90	---	15	15	---
Soybeans	23	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	30,870	---	9,000	---	---	29.2	---	---	94	---	---	21	---
Peanuts	61,836	20,000	20,000	20,000	32.3	32.3	32.3	131	262	131	13	26	13
Cotton	454,688	96,569	59,395	12,687	20.8	12.8	2.7	2,047	1,080	168	42	36	26
Vegetables	98,375	89,694	88,172	7,292	91.2	89.6	7.4	2,294	2,231	111	51	51	30
Potatoes	1,199	830	830	---	69.2	69.2	---	42	32	---	101	77	---
Sweet potatoes	717	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	3,201	3,180	3,180	---	99.3	99.3	---	16	32	---	10	20	---
All fruit	14,902	300	---	---	2.0	---	---	1	---	---	7	---	---
Intertilled crops	2,199,445	397,773	352,120	51,133	18.1	16.0	2.3	7,033	5,842	540	35	33	21
Wheat	34,284	760	---	---	2.2	---	---	23	---	---	61	---	---
Rye	161	---	---	---	---	---	---	---	---	---	---	---	---
Rice	333	330	330	---	99.1	99.1	---	7	7	---	42	42	---
Oats	121,339	5,830	---	---	4.8	---	---	173	---	---	59	---	---
Barley	12,734	560	---	---	4.4	---	---	22	---	---	79	---	---
Flax	37,628	3,600	3,600	---	9.6	9.6	---	27	36	---	15	20	---
Wild hay	8,824	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	215,303	11,080	3,930	---	5.1	1.8	---	252	43	---	45	22	---
Tame hay and cropland pasture	1,366,700	79,734	77,521	11,650	5.8	5.7	0.9	1,118	1,270	153	28	33	26
Improved permanent pasture	33,000,724	19,663	19,663	---	0.1	0.1	---	299	244	---	30	25	---
Hay and pasture	34,367,424	99,397	97,184	11,650	0.3	0.2	---	1,417	1,514	153	29	31	26
Total	36,782,172	508,250	453,234	62,783	1.4	1.2	0.2	8,702	7,399	693	34	33	22
ASR-82, PORTION IN:													
Texas:													
Corn	21,193	7,831	---	---	37.0	---	---	331	---	---	85	---	---
Sorghum	177,200	9,498	---	---	5.4	---	---	335	---	---	71	---	---
Broomcorn	229	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	2,276	800	800	---	35.1	35.1	---	8	31	---	20	78	---
Cotton	429,856	217,137	---	---	50.5	---	---	7,949	---	---	73	---	---
Vegetables	141,309	86,773	86,773	9,127	61.4	61.4	6.5	2,602	2,602	273	60	60	60
Potatoes	631	600	600	600	95.0	95.0	95.0	28	22	11	93	73	37
Nursery and greenhouse	848	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	80,771	40,831	---	---	50.6	---	---	1,224	---	---	60	---	---
Intertilled crops	854,313	363,470	88,173	9,727	42.5	10.3	1.1	12,477	2,655	284	69	60	58
Oats	744	574	574	---	77.2	77.2	---	17	17	---	59	59	---
Wild hay	673	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,417	574	574	---	40.5	40.5	---	17	17	---	59	59	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	97,696	5,579	5,579	990	5.7	5.7	1.0	122	104	18	44	37	36
Improved permanent pasture	339,704	2,287	---	---	0.7	---	---	114	---	---	100	---	---
Hay and pasture	437,400	7,866	5,579	990	1.8	1.3	0.2	236	104	18	60	37	36
Total	1,293,130	371,910	94,326	10,717	28.8	7.3	0.8	12,730	2,776	302	68	59	56
ASR-83, PORTION IN:													
Oklahoma:													
Corn	7,033	2,091	2,171	1,500	29.7	30.9	21.3	23	38	9	22	35	12
Sorghum	319,167	45,000	51,417	14,667	14.1	16.1	4.6	180	617	44	8	24	6
Broomcorn	10,094	3,000	2,933	2,000	29.7	29.1	19.8	12	22	8	8	15	8
Soybeans	280	---	66	---	---	23.6	---	---	1	---	---	30	---
Cowpeas	15,197	800	892	892	5.3	5.9	5.9	2	9	5	5	20	11
Peanuts	32,321	10,300	22,929	16,800	31.9	70.9	52.0	103	321	164	20	28	20
Cotton	430,129	97,750	110,429	70,000	22.7	25.7	16.3	782	1,546	350	16	28	10
Vegetables	7,059	4,141	4,141	4,141	58.7	58.7	58.7	30	63	29	14	30	14
All potatoes	332	195	194	195	58.7	58.4	58.7	1	3	1	10	31	10
Nursery and greenhouse	22	22	22	22	100.0	100.0	100.0	1	1	1	91	91	91
All fruit	1,649	538	273	500	32.6	16.6	30.3	7	3	2	26	22	8
Intertilled crops	823,283	163,837	195,467	110,717	19.9	23.7	13.4	1,141	2,624	613	14	27	11
Wheat	857,122	131,067	180,750	---	15.3	21.1	---	983	2,169	---	15	24	---
Rye	12,621	333	533	---	2.6	4.2	---	1	4	---	6	15	---
Oats	70,332	4,667	7,057	---	6.6	10.0	---	14	53	---	6	15	---
Barley	92,164	1,333	3,733	---	1.4	4.0	---	4	28	---	6	15	---
Wild hay	12,432	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,044,671	137,400	192,083	---	13.2	18.4	---	1,002	2,254	---	15	23	---
Tame hay and cropland pasture	498,798	21,857	30,773	22,000	4.4	6.2	4.4	153	677	132	14	44	12
Improved permanent pasture	2,246,784	6,300	6,333	5,000	0.3	0.3	0.2	63	76	30	20	24	12
Hay and pasture	2,745,582	28,157	37,106	27,000	1.0	1.4	1.0	216	753	162	15	41	12
Total	4,613,536	329,394	424,656	137,717	7.1	9.2	3.0	2,359	5,631	775	14	27	11
Texas:													
Corn	6,886	196	196	---	2.8	2.8	---	6	7	---	61	71	---
Sorghum	1,031,770	23,295	15,700	1,530	2.3	1.5	0.1	269	228	23	23	29	30
Broomcorn	2	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	716	---	144	---	---	20.1	---	---	2	---	---	28	---
Cowpeas	8,679	---	320	---	---	3.7	---	---	5	---	---	31	---
Peanuts	10,721	1,950	1,950	1,950	18.2	18.2	18.2	11	22	11	11	23	11
Cotton	1,208,462	93,836	63,550	5,950	7.8	5.3	0.5	1,695	1,192	119	36	38	40
Vegetables	9,101	270	270	270	3.0	3.0	3.0	8	8	4	59	59	30
Potatoes	669	550	550	550	82.2	82.2	82.2	17	17	8	62	62	29
Sweet potatoes	116	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	144	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	6,070	230	230	230	3.8	3.8	3.8	2	2	1	17	17	9
Miscellaneous	7,236	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	2,290,572	120,327	83,910	10,480	5.3	3.6	0.5	2,008	1,483	166	33	36	33
Wheat	675,255	28,583	28,583	---	4.2	4.2	---	318	366	---	22	26	---
Rye	4,255	---	---	---	---	---	---	---	---	---	---	---	---
Oats	113,206	1,130	1,130	---	1.0	1.0	---	21	15	---	37	27	---
Barley	46,024	460	780	---	1.0	1.7	---	15	15	---	65	38	---
Wild hay	7,306	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	846,046	30,173	30,493	---	3.6	3.6	---	354	396	---	23	26	---
Tame hay and cropland pasture	1,109,093	24,848	20,779	---	2.2	1.9	---	426	269	---	34	26	---
Improved permanent pasture	12,991,711	3,669	3,669	---	---	---	---	19	26	---	10	14	---
Hay and pasture	14,100,804	28,517	24,448	---	0.2	0.2	---	445	295	---	31	24	---
Total	17,237,422	179,017	137,851	10,480	1.0	0.8	---	2,807	2,174	166	31	32	32
Total:													
Corn	13,919	2,287	2,367	1,500	16.4	17.0	10.8	29	45	9	25	38	12
Sorghum	1,350,937	68,295	67,117	16,197	5.1	5.0	1.2	449	845	67	13	25	8
Broomcorn	10,096	3,000	2,933	2,000	29.7	29.1	19.8	12	22	8	8	15	8
Soybeans	996	---	210	---	---	21.1	---	---	3	---	---	29	---
Cowpeas	23,876	800	1,212	892	3.4	5.1	3.7	2	14	5	5	23	11
Peanuts	43,042	12,250	24,879	18,750	28.5	57.8	43.6	114	343	175	19	28	19
Cotton	1,638,591	191,586	173,979	75,950	11.7	10.6	4.6	2,477	2,738	469	26	31	12
Vegetables	16,160	4,411	4,411	4,411	27.3	27.3	27.3	38	71	33	17	32	15
All potatoes	1,117	74	744	745	66.7	66.6	66.7	18	20	9	48	54	24
Nursery and greenhouse	166	22	22	22	13.3	13.3	13.3	1	1	1	91	91	91
All fruit	7,719	768	503	6,570	9.9	6.5	85.1	9	5	3	23	20	1
Miscellaneous	7,236	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	3,113,855	284,164	278,377	121,197	9.1	8.9	3.9	3,149	4,107	779	22	30	13

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	1,532,377	159,650	209,333	---	10.4	13.7	---	1,301	2,535	---	16	24	---
Rye	16,876	333	533	---	2.0	3.2	---	1	4	---	6	15	---
Oats	183,538	5,797	8,197	---	3.2	4.5	---	35	68	---	12	17	---
Barley	138,188	1,793	4,513	---	1.3	3.3	---	19	43	---	21	19	---
Wild hay	19,738	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,890,717	167,573	222,576	---	8.9	11.8	---	1,356	2,650	---	16	24	---
Tame hay and cropland pasture	1,607,891	46,705	51,552	22,000	2.9	3.2	1.4	579	946	132	25	37	12
Improved permanent pasture	15,238,495	9,969	10,002	5,000	0.1	0.1	---	82	102	30	16	20	12
Hay and pasture	16,846,386	56,674	61,554	27,000	0.3	0.4	0.2	661	1,048	162	23	34	12
Total	21,850,958	508,411	562,507	148,197	2.3	2.6	0.7	5,166	7,805	941	20	28	13
ASR-84, PORTION IN:													
Texas:													
Corn	11,562	5,100	1,000	---	44.1	8.6	---	234	25	---	92	50	---
Sorghum	2,135,831	147,230	35,720	---	6.9	1.8	---	6,893	893	---	94	50	---
Broomcorn	381	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	16,253	12,100	12,100	---	74.4	74.4	---	121	182	---	20	30	---
Cowpeas	14,474	3,700	3,700	---	25.6	25.6	---	39	56	---	21	30	---
Peanuts	1,106	710	710	710	64.2	64.2	64.2	7	14	7	20	39	20
Cotton	1,634,134	441,438	263,167	---	27.0	16.1	---	16,373	7,895	---	74	60	---
Vegetables	10,094	3,310	3,310	550	32.8	32.8	5.4	99	50	8	60	30	29
Potatoes	2,313	2,180	2,180	2,180	94.2	94.2	94.2	65	65	22	60	60	20
Sweet potatoes	231	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	71	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	774	150	150	150	19.4	19.4	19.4	9	9	4	120	120	53
Miscellaneous	13,083	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	3,840,307	615,918	322,037	3,590	16.0	8.4	1.0	23,840	9,189	41	77	57	23
Wheat	66,711	5,659	---	---	8.5	---	---	800	---	---	283	---	---
Rye	4,081	---	---	---	---	---	---	---	---	---	---	---	---
Oats	3,633	385	---	---	10.6	---	---	6	---	---	31	---	---
Barley	18,274	1,735	---	---	9.5	---	---	26	---	---	30	---	---
Wild hay	839	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	93,538	7,779	---	---	8.3	---	---	832	---	---	214	---	---
Tame hay and cropland pasture	204,720	7,300	11,960	---	3.6	5.8	---	292	272	---	80	45	---
Improved permanent pasture	5,484,114	360	360	---	---	---	---	15	12	---	83	67	---
Hay and pasture	5,688,834	7,660	12,320	---	0.1	0.2	---	307	284	---	80	46	---
Total	9,622,679	631,357	334,357	3,590	6.6	3.5	---	24,979	9,473	41	79	57	23
ASR-85, PORTION IN:													
Colorado:													
Corn	206,729	76,146	---	---	36.8	---	---	3,046	---	---	80	---	---
Sorghum	576,921	35,480	19,916	---	6.1	3.4	---	606	98	---	34	10	---
Broomcorn	46,828	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	40,255	213	1,075	---	0.5	2.7	---	3	10	---	28	19	---
Dry peas	13	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	23,191	20,084	20,084	---	86.6	86.6	---	922	1,447	---	92	144	---
Vegetables	18,245	16,238	16,238	16,238	89.0	89.0	89.0	457	656	125	56	81	15
Potatoes	951	696	696	696	73.2	73.2	73.2	22	28	13	63	80	37
Nursery and greenhouse	1,471	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	671	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	70,382	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	925,657	148,857	58,009	16,934	16.1	6.3	1.8	5,056	2,239	138	68	77	16
Wheat	1,661,719	39,307	32,368	---	2.4	1.9	---	563	76	---	29	5	---
Rye	59,688	---	---	---	---	---	---	---	---	---	---	---	---
Oats	25,795	---	---	---	---	---	---	---	---	---	---	---	---
Barley	251,564	6,782	6,782	---	2.7	2.7	---	121	61	---	36	18	---
Proso	59,740	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	34,615	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,093,121	46,089	39,150	---	2.2	1.9	---	684	137	---	30	7	---
Tame hay and cropland pasture	844,585	2,306	16,238	---	0.3	1.9	---	3	508	---	3	63	---
Improved permanent pasture	14,111,734	3,334	750	---	---	---	---	41	14	---	25	37	---
Hay and pasture	14,956,319	5,640	16,988	---	---	---	---	44	522	---	16	61	---
Total	17,975,097	200,586	114,147	16,934	1.1	0.6	0.1	5,784	2,898	138	58	51	16
Kansas:													
Corn	136,178	38,315	27,098	---	28.1	19.9	---	1,006	251	---	53	19	---
Sorghum	2,678,212	318,476	165,738	---	11.9	6.2	---	6,770	1,012	---	43	12	---
Soybeans	1,929	57	57	---	3.0	3.0	---	---	---	---	11	4	---
Sugar beets	7,752	7,751	7,751	---	100.0	100.0	---	232	122	---	60	31	---
Vegetables	4,395	2,051	2,051	---	46.7	46.7	---	65	22	---	63	21	---
Potatoes	332	160	160	---	48.2	48.2	---	5	3	---	62	38	---
Popcorn	24	24	24	---	100.0	100.0	---	1	---	---	83	8	---
Nursery and greenhouse	46	46	46	---	100.0	100.0	---	1	1	---	43	43	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Small fruits	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	826	82	82	---	9.9	9.9	---	2	1	---	49	24	---
Miscellaneous	19,998	2,000	362	---	10.0	1.8	---	55	3	---	55	17	---
Intertilled crops	2,849,692	368,962	203,369	---	12.9	7.1	---	8,137	1,415	---	44	14	---
Wheat	5,840,436	361,640	267,717	---	6.2	4.6	---	5,499	1,335	---	30	10	---
Rye	54,976	785	515	---	1.4	0.9	---	13	4	---	33	16	---
Oats	31,151	970	935	---	3.1	3.0	---	17	6	---	35	13	---
Barley	330,455	11,028	7,953	---	3.3	2.4	---	203	51	---	37	13	---
Wild hay	42,174	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	6,299,192	374,423	277,120	---	5.9	4.4	---	5,732	1,396	---	31	10	---
Tame hay and cropland pasture	734,099	14,739	12,156	---	2.0	1.7	---	265	82	---	36	13	---
Improved permanent pasture	8,105,009	1,869	1,869	---	---	---	---	38	11	---	41	12	---
Hay and pasture	8,839,108	16,608	14,025	---	0.2	0.2	---	303	93	---	36	13	---
Total	17,987,992	759,993	494,514	---	4.2	2.7	---	14,172	2,904	---	37	12	---
New Mexico:													
Corn	13,679	3,237	---	---	23.7	---	---	21	---	---	13	---	---
Sorghum	233,795	35,967	375	---	15.4	0.2	---	1,035	3	---	58	16	---
Broomcorn	36,455	1,143	1,304	333	3.1	3.6	0.9	16	15	3	28	23	18
Dry beans	5,239	217	387	---	4.1	7.4	---	5	18	---	46	93	---
Peanuts	5,972	2,140	2,126	941	35.8	35.6	15.8	171	101	32	160	95	68
Cotton	22,141	9,000	5,333	---	40.6	24.1	---	63	33	---	14	12	---
Vegetables	1,256	---	---	---	---	---	---	---	---	---	---	---	---
Potatoes	965	126	119	97	13.1	12.3	10.1	11	7	4	175	118	82
Sweet potatoes	1,221	312	312	---	25.6	25.6	---	65	53	---	417	340	---
Nursery and greenhouse	44	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	611	150	150	---	24.5	24.5	---	12	11	---	160	147	---
Miscellaneous	29,951	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	351,330	52,292	10,106	1,371	14.9	2.9	0.4	1,399	241	39	54	48	57
Wheat	203,239	15,083	7,625	---	7.4	3.8	---	362	122	---	48	32	---
Rye	1,829	---	---	---	---	---	---	---	---	---	---	---	---
Oats	4,415	489	95	---	11.1	2.2	---	8	1	---	33	21	---
Barley	7,537	1,789	1,412	---	23.7	18.7	---	125	49	---	140	69	---
Wild hay	11,319	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	228,339	17,361	9,132	---	7.6	4.0	---	495	172	---	57	38	---
Tame hay and cropland pasture	216,803	1,231	9,450	---	0.6	4.4	---	8	139	---	13	29	---
Improved permanent pasture	14,766,505	444	377	---	---	---	---	6	3	---	27	16	---
Hay and pasture	14,983,308	1,675	9,827	---	---	---	---	14	142	---	17	29	---
Total	15,562,977	71,328	29,065	1,371	0.5	0.2	---	1,908	555	39	53	38	---
Oklahoma:													
Corn	5,402	1,313	1,057	400	24.3	19.6	7.4	29	17	2	44	32	10
Sorghum	438,777	24,424	14,400	2,500	5.6	3.3	0.6	278	88	10	23	12	8
Broomcorn	18,057	---	133	---	---	0.7	---	---	1	---	---	15	---
Soybeans	11	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	1,381	---	83	---	---	6.0	---	---	1	---	---	24	---
Peanuts	234	167	100	133	71.4	42.7	56.8	1	1	1	12	20	15
Cotton	35,028	5,484	3,663	4,167	15.7	10.5	11.9	26	30	25	9	16	12
Vegetables	1,882	222	222	222	11.8	11.8	11.8	3	3	4	27	27	36
Potatoes	238	198	198	---	83.2	83.2	---	2	3	---	20	30	---
Nursery and greenhouse	14	14	14	14	100.0	100.0	100.0	1	1	1	143	143	143
All fruit	586	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	1,767	---	179	---	---	10.1	---	---	1	---	---	11	---
Intertilled crops	503,377	31,822	20,049	7,436	6.3	4.0	1.5	340	146	43	21	15	12
Wheat	1,466,682	49,555	51,250	---	3.4	3.5	---	411	249	---	17	10	---
Rye	21,065	---	257	---	---	1.2	---	---	1	---	---	8	---
Oats	28,681	1,333	800	---	4.6	2.8	---	7	8	---	11	20	---
Barley	143,725	---	1,600	---	---	1.1	---	---	8	---	---	10	---
Wild hay	13,987	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,674,140	50,888	53,907	---	3.0	3.2	---	418	266	---	16	10	---
Tame hay and cropland pasture	306,583	7,256	10,145	2,000	2.4	3.3	0.7	56	93	8	15	18	8
Improved permanent pasture	4,591,323	495	273	---	---	---	---	8	1	---	32	7	---
Hay and pasture	4,897,906	7,751	10,418	2,000	0.2	0.2	---	64	94	8	17	18	8
Total	7,075,423	90,461	84,374	9,436	1.3	1.2	0.1	822	506	51	18	12	11
Texas:													
Corn	20,730	12,822	1,200	---	61.9	5.8	---	671	30	---	105	50	---
Sorghum	1,684,691	874,543	64,176	---	51.9	3.8	---	33,720	1,605	---	77	50	---
Broomcorn	231	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	36,162	---	33,435	---	---	92.5	---	---	501	---	---	30	---
Cowpeas	6,516	---	4,300	---	---	66.0	---	---	65	---	---	30	---
Peanuts	221	---	---	---	---	---	---	---	---	---	---	---	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Cotton	399,128	197,704	63,540	12,200	49.5	15.9	3.1	8,359	1,273	122	85	40	20
Vegetables	15,675	11,600	11,600	11,600	74.0	74.0	74.0	348	348	116	60	60	20
Potatoes	9,405	9,100	9,100	9,100	96.8	96.8	96.8	273	273	68	60	60	15
Sweet potatoes	41	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	126	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	399	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	12,107	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	2,185,432	1,105,769	187,351	32,900	50.6	8.6	1.5	43,371	4,095	306	78	44	19
Wheat	1,938,700	398,847	52,400	---	20.6	2.7	---	15,855	786	---	80	30	---
Rye	8,315	677	136	---	8.1	1.6	---	14	2	---	41	29	---
Oats	12,767	1,200	134	---	9.4	1.0	---	18	2	---	30	30	---
Barley	133,422	10,865	2,175	---	8.1	1.6	---	217	33	---	40	30	---
Flax	300	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	13,492	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,106,996	411,589	54,845	---	19.5	2.6	---	16,104	823	---	78	30	---
Tame hay and cropland pasture	400,590	14,239	5,650	---	3.6	1.4	---	607	113	---	85	40	---
Improved permanent pasture	7,700,659	908	---	---	---	---	---	26	---	---	57	---	---
Hay and pasture	8,101,249	15,147	5,650	---	0.2	0.1	---	633	113	---	84	40	---
Total	12,393,677	1,532,505	247,846	32,900	12.4	2.0	0.3	60,108	5,031	306	78	41	19
Total:													
Corn	382,718	131,833	29,355	400	34.4	7.7	0.1	4,773	298	2	72	20	10
Sorghum	5,612,396	1,288,890	264,605	2,500	23.0	4.7	---	42,409	2,866	10	66	21	8
Broomcorn	101,571	1,143	1,437	333	1.1	1.4	0.3	16	16	3	28	22	18
Soybeans	38,102	57	33,492	---	0.1	87.9	---	---	501	---	11	30	---
Dry beans	45,494	430	1,462	---	0.9	3.2	---	8	28	---	37	38	---
Dry peas	13	---	---	---	---	---	---	---	---	---	---	---	---
Cowpeas	7,897	---	4,383	---	---	55.5	---	---	66	---	---	30	---
Peanuts	6,427	2,307	2,226	1,074	35.9	34.6	16.7	172	102	33	149	92	61
Cotton	456,297	212,188	72,536	16,367	46.5	15.9	3.6	8,448	1,336	147	80	37	18
Sugar beets	30,942	27,835	27,835	---	90.0	90.0	---	1,154	1,569	---	83	113	---
Vegetables	41,453	30,111	30,111	28,060	72.6	72.6	67.7	873	1,029	245	58	68	17
All potatoes	13,153	10,592	10,585	9,893	80.5	80.5	75.2	378	367	85	71	69	17
Popcorn	24	24	24	---	100.0	100.0	---	1	---	---	83	8	---
Nursery and greenhouse	1,701	60	60	14	3.5	3.5	0.8	2	2	1	67	67	143
All fruit	3,097	232	232	---	7.5	7.5	---	14	12	---	121	103	---
Miscellaneous	74,205	2,000	541	---	2.7	0.7	---	55	4	---	55	15	---
Intertilled crops	6,815,490	1,707,702	478,884	58,641	25.1	7.0	0.9	58,303	8,136	526	68	34	18
Wheat	11,110,776	864,432	411,360	---	7.8	3.7	---	22,690	2,568	---	52	12	---
Rye	145,873	1,462	908	---	1.0	0.6	---	27	7	---	37	15	---
Oats	102,809	3,992	1,964	---	3.9	1.9	---	50	17	---	25	17	---
Barley	866,701	30,464	19,922	---	3.5	2.3	---	666	202	---	44	20	---
Flax	300	---	---	---	---	---	---	---	---	---	---	---	---
Proso	59,740	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	115,587	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	12,401,786	900,350	434,154	---	7.3	3.5	---	23,433	2,794	---	52	13	---
Tame hay and cropland pasture	2,502,660	39,771	53,639	2,000	1.6	2.1	0.1	939	935	8	47	35	8
Improved permanent pasture	49,275,230	7,050	3,269	---	---	---	---	119	29	---	34	18	---
Hay and pasture	51,777,890	46,821	56,908	2,000	0.1	0.1	---	1,058	964	8	45	34	8
Total	70,995,166	2,654,873	969,946	60,641	3.7	1.4	0.1	82,794	11,894	534	62	25	18
ASR-86, PORTION IN:													
Montana:													
Corn	14,062	2,770	2,770	---	19.7	19.7	---	27	35	---	20	25	---
Dry beans	640	---	80	---	---	12.5	---	---	1	---	---	25	---
Sugar beets	9,420	8,905	8,905	---	94.5	94.5	---	178	310	---	40	70	---
Vegetables	703	230	230	46	32.7	32.7	6.5	2	4	1	17	35	43
Potatoes	94	21	21	---	22.3	22.3	---	---	1	---	32	95	---
Tree fruits	21	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	8,619	990	1,600	65	11.5	18.6	0.8	5	25	1	10	31	31
Intertilled crops	33,559	12,916	13,606	111	38.5	40.5	0.3	212	376	2	32	55	36
Wheat	172,676	10,853	3,182	---	6.3	21.5	---	58	259	---	11	14	---
Rye	914	---	---	---	---	---	---	---	---	---	---	---	---
Oats	26,313	580	377	---	2.2	1.4	---	6	6	---	21	32	---
Barley	61,796	2,585	5,582	---	4.2	9.0	---	16	49	---	12	18	---
Flaxseed	1,459	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	59	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	57,270	500	250	---	0.9	0.4	---	8	1	---	32	8	---
Close-growing crops	320,487	14,518	43,391	---	4.5	13.5	---	88	315	---	12	15	---
Tame hay and cropland pasture	409,671	10,279	13,706	---	2.5	3.3	---	146	274	---	28	40	---
Improved permanent pasture	13,864,790	923	231	---	---	---	---	7	7	---	15	61	---
Hay and pasture	14,274,461	11,202	13,937	---	0.1	0.1	---	153	281	---	27	40	---
Total	14,628,507	38,636	70,934	111	0.3	0.5	---	453	972	2	23	27	36

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1969--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Nebraska:													
Corn	242,704	68,734	31,352	2,954	28.3	12.9	1.2	2,221	385	24	65	25	16
Sorghum	29,518	1,599	870	72	5.4	2.9	0.2	36	11	1	45	25	28
Soybeans	11	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	7,569	428	642	40	5.7	8.5	0.5	12	6	---	56	19	15
Sugar beets	5,899	3,834	764	80	65.0	13.0	1.4	120	12	1	63	31	25
Vegetables	1,292	210	120	---	16.3	9.3	---	5	2	---	48	33	---
Potatoes	1,635	225	68	---	13.8	4.2	---	7	1	---	62	29	---
Popcorn	229	182	50	---	79.5	21.8	---	5	1	---	55	40	---
Nursery and greenhouse	4	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	241	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	16,795	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	305,898	75,212	33,866	3,146	24.6	11.1	1.0	2,406	418	26	64	25	17
Wheat	148,673	7,627	1,673	114	5.1	1.1	0.1	117	21	1	31	25	18
Rye	26,667	1,323	793	66	5.0	3.0	0.2	20	10	1	30	25	30
Oats	80,656	9,728	4,196	391	12.1	5.2	0.5	146	53	3	30	25	15
Barley	27,460	1,953	1,028	62	7.1	3.7	0.2	35	13	---	36	25	19
Safflower	2,278	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	1,970,244	1,043	1,084	94	0.1	0.1	---	31	16	1	59	30	21
Close-growing crops	2,255,978	21,674	8,774	727	1.0	0.4	---	349	113	6	32	26	17
Tame hay and cropland pasture	740,885	15,384	14,542	1,107	2.1	2.0	0.1	307	182	11	40	25	20
Improved permanent pasture	12,087,410	2,230	2,646	416	---	---	---	54	44	3	48	33	14
Hay and pasture	12,828,295	17,614	17,188	1,523	0.1	0.1	---	361	226	14	41	26	18
Total	15,390,171	114,500	59,828	5,396	0.7	0.4	---	3,116	757	46	54	25	17
South Dakota:													
Corn	188,682	8,722	8,722	600	4.6	4.6	0.3	84	87	6	19	20	20
Sorghum	50,163	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	45	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	1,429	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	6,028	6,028	6,028	---	100.0	100.0	---	202	184	---	67	61	---
Vegetables	824	400	400	400	48.5	48.5	48.5	6	4	4	30	20	20
Potatoes	302	26	26	---	8.6	8.6	---	---	---	---	23	23	---
Nursery and greenhouse	7	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	10	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	127	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	10,860	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	258,477	15,176	15,176	1,000	5.9	5.9	0.4	292	275	10	38	36	20
Wheat	637,060	5,500	3,200	---	0.9	0.5	---	29	29	---	11	18	---
Oats	108,078	99	---	---	0.1	---	---	1	---	---	20	---	---
Barley	63,384	---	---	---	---	---	---	---	---	---	---	---	---
Other small grain	37,342	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	630,269	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,476,133	5,599	3,200	---	0.4	0.2	---	30	29	---	11	18	---
Tame hay and cropland pasture	1,193,415	---	3,966	---	---	0.3	---	---	99	---	---	50	---
Improved permanent pasture	16,655,918	430	---	---	---	---	---	6	---	---	28	---	---
Hay and pasture	17,849,333	430	3,966	---	---	---	---	6	99	---	28	50	---
Total	19,583,943	21,205	22,342	1,000	0.1	0.1	---	328	403	10	31	36	20
Total:													
Corn	445,448	80,226	42,844	3,554	18.0	9.6	0.8	2,332	507	30	58	24	17
Sorghum	79,681	1,599	870	72	2.0	1.1	0.1	36	11	1	45	25	28
Soybeans	56	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	9,638	428	722	40	4.4	7.5	0.4	12	7	---	56	19	15
Sugar beets	21,347	18,767	15,697	80	87.9	73.5	0.4	500	506	1	53	64	25
Vegetables	2,819	840	750	446	29.8	26.6	15.8	13	10	5	31	27	22
Potatoes	2,031	272	115	---	13.4	5.7	---	7	2	---	51	35	---
Popcorn	229	182	50	---	79.5	21.8	---	5	1	---	55	40	---
Nursery and greenhouse	11	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	11	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	389	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	36,274	990	1,600	65	2.7	4.4	0.2	5	25	1	10	31	31
Intertilled crops	597,934	103,304	62,648	4,257	17.3	10.5	0.7	2,910	1,069	38	56	34	18
Wheat	958,409	23,980	42,055	114	2.5	4.4	---	204	309	1	17	15	18
Rye	27,581	1,323	793	66	4.8	2.9	0.2	20	10	1	30	25	30
Oats	215,047	10,407	4,573	391	4.8	2.1	0.2	153	59	3	29	26	15
Barley	152,640	4,538	6,610	62	3.0	4.3	---	51	62	---	22	19	19
Flaxseed	1,459	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	2,337	---	---	---	---	---	---	---	---	---	---	---	---
Other small grain	37,342	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	2,657,783	1,543	1,334	94	0.1	0.1	---	39	17	1	51	25	21
Close-growing crops	4,052,598	41,791	55,365	727	1.0	1.4	---	467	457	6	22	16	16

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	2,343,971	25,663	32,214	1,107	1.1	1.4	---	453	555	11	35	34	20
Improved permanent pasture	42,608,118	3,583	2,877	416	---	---	---	67	51	3	37	35	14
Hay and pasture	44,952,089	29,246	35,091	1,523	0.1	0.1	---	520	606	14	36	35	18
Total	49,602,621	174,341	153,104	6,507	0.4	0.3	---	3,897	2,132	58	45	28	18
ASR-87, PORTION IN:													
Montana:													
Corn	80,942	11,110	9,160	---	13.7	11.3	---	71	93	---	13	20	---
Dry beans	1,172	---	300	---	---	25.6	---	---	5	---	---	33	---
Dry peas	10	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	14,835	14,835	14,835	297	100.0	100.0	2.0	300	528	2	40	71	13
Vegetables	2,719	890	890	274	32.7	32.7	10.1	8	13	4	18	29	29
Potatoes	1,175	718	718	62	61.1	61.1	5.3	11	23	2	31	64	65
Nursery and greenhouse	452	435	435	134	96.2	96.2	29.6	9	13	4	41	60	60
Small fruits	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	66	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	30,941	1,260	900	34	4.1	2.9	0.1	5	21	1	8	47	59
Intertilled crops	132,313	29,248	27,238	801	22.1	20.6	0.6	404	696	13	28	51	32
Wheat	3,126,253	182,880	627,160	---	5.8	20.1	---	925	4,252	---	10	14	---
Rye	16,945	---	---	---	---	---	---	---	---	---	---	---	---
Oats	136,340	7,240	5,120	---	5.3	3.8	---	33	56	---	9	22	---
Barley	1,461,433	72,667	182,788	---	5.0	12.5	---	266	1,156	---	7	13	---
Flaxseed	16,485	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	32,017	807	1,613	---	2.5	5.0	---	4	9	---	10	11	---
Mustard seed	40,536	3,025	6,050	---	7.5	14.9	---	12	39	---	8	13	---
Wild hay	213,842	3,179	795	---	1.5	0.4	---	49	8	---	31	20	---
Close-growing crops	5,043,851	269,798	823,526	---	5.3	16.3	---	1,289	5,520	---	10	13	---
Tame hay and cropland pasture	887,121	41,878	24,634	---	4.7	2.8	---	374	747	---	18	61	---
Improved permanent pasture	18,270,095	5,413	5,413	---	---	---	---	44	50	---	16	19	---
Hay and pasture	19,157,216	47,291	30,047	---	0.2	0.2	---	418	797	---	18	53	---
Total	24,333,380	346,337	880,811	801	1.4	3.6	---	2,111	7,013	13	12	16	32
North Dakota:													
Corn	439,917	30,270	30,270	---	6.9	6.9	---	136	237	---	9	16	---
Sorghum	2,950	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	34	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	1,951	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	3,447	2,413	3,447	---	70.0	100.0	---	84	143	---	70	83	---
Vegetables	1,156	---	---	---	---	---	---	---	---	---	---	---	---
Potatoes	1,079	775	775	---	71.8	71.8	---	21	42	---	54	108	---
Miscellaneous	26,831	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	477,365	33,458	34,492	---	7.0	7.2	---	241	422	---	14	24	---
Wheat	1,339,449	335,090	538,341	---	25.0	40.2	---	1,029	5,371	---	6	20	---
Rye	25,572	358	501	---	1.4	2.0	---	1	5	---	6	20	---
Oats	189,108	11,602	11,969	---	6.1	6.3	---	36	108	---	6	18	---
Barley	287,857	72,532	78,980	---	25.2	27.4	---	198	802	---	5	20	---
Flaxseed	42,031	841	841	---	2.0	2.0	---	2	10	---	5	24	---
Proso	552	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	7,476	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	290,120	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	2,182,165	420,423	630,632	---	19.3	28.9	---	1,266	6,296	---	6	20	---
Tame hay and cropland pasture	837,959	2,375	6,937	---	0.3	0.8	---	12	123	---	10	35	---
Improved permanent pasture	5,593,422	605	---	---	---	---	---	23	---	---	76	---	---
Hay and pasture	6,431,381	2,980	6,937	---	---	0.1	---	35	123	---	23	35	---
Total	9,090,911	456,861	672,061	---	5.0	7.4	---	1,542	6,841	---	7	20	---
Total:													
Corn	520,859	41,380	39,430	---	7.9	7.6	---	207	330	---	10	17	---
Sorghum	2,950	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	34	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	3,123	---	300	---	---	9.6	---	---	5	---	---	33	---
Dry peas	10	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	18,282	17,248	18,282	297	94.3	100.0	1.6	384	671	2	45	73	13
Vegetables	3,875	890	890	274	23.0	23.0	7.1	8	13	4	18	29	29
Potatoes	2,254	1,493	1,493	62	66.2	66.2	2.8	32	65	2	43	87	65
Nursery and greenhouse	452	435	435	134	96.2	96.2	29.6	9	13	4	41	60	60
Small fruits	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	66	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	57,772	1,260	900	34	2.2	1.6	0.1	5	21	1	8	47	59
Intertilled crops	603,678	62,706	61,730	801	10.3	10.1	0.1	645	1,118	13	21	36	32
Wheat	4,465,702	517,970	1,165,501	---	11.6	26.1	---	1,954	9,623	---	8	17	---
Rye	42,517	358	501	---	0.8	1.2	---	1	5	---	6	20	---
Oats	325,448	18,842	17,089	---	5.8	5.2	---	69	164	---	7	19	---
Barley	1,749,290	145,199	261,768	---	8.3	15.0	---	464	1,958	---	6	15	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Flaxseed	58,516	841	841	---	1.4	1.4	---	2	10	---	5	24	---
Proso	552	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	39,493	807	1,613	---	2.0	4.1	---	4	9	---	10	11	---
Mustard seed	40,536	3,025	6,050	---	7.5	14.9	---	12	39	---	8	13	---
Wild hay	503,962	3,179	795	---	0.6	0.2	---	49	8	---	31	20	---
Close-growing crops	7,226,016	690,221	1,454,158	---	9.6	20.1	---	2,555	11,816	---	7	16	---
Tame hay and cropland pasture	1,725,080	44,253	31,571	---	2.6	1.8	---	386	870	---	17	55	---
Improved permanent pasture	23,863,517	6,018	5,413	---	---	---	---	67	50	---	22	18	---
Hay and pasture	25,588,597	50,271	36,984	---	0.2	0.1	---	453	920	---	18	50	---
Total	33,424,291	803,198	1,552,872	801	2.4	4.6	---	3,653	13,854	13	9	18	32
ASR-88, PORTION IN:													
Colorado:													
Corn	232,057	130,871	130,871	---	56.4	56.4	---	5,136	408	---	78	6	---
Sorghum	30,664	257	---	---	0.8	---	---	10	---	---	78	---	---
Dry beans	56,365	---	19,259	---	---	34.2	---	---	383	---	---	40	---
Dry peas	269	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	113,660	100,556	100,556	---	88.5	88.5	---	2,724	4,308	---	54	86	---
Vegetables	12,191	10,907	10,907	10,763	89.5	89.5	88.3	353	478	156	65	88	29
Potatoes	15,291	13,049	13,049	13,049	85.3	85.3	85.3	273	374	104	42	57	16
Nursery and greenhouse	105	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,006	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	3,481	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	465,089	255,640	274,642	23,812	55.0	59.1	5.1	8,496	5,951	260	66	43	22
Wheat	461,125	8,181	4,701	---	1.8	1.0	---	203	25	---	50	11	---
Rye	7,820	---	---	---	---	---	---	---	---	---	---	---	---
Oats	29,174	482	---	---	1.7	---	---	10	---	---	41	---	---
Barley	182,589	18,800	18,800	---	10.3	10.3	---	327	222	---	35	24	---
Proso	20,199	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	38,092	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	738,999	27,463	23,501	---	3.7	3.2	---	540	247	---	39	21	---
Tame hay and cropland pasture	386,812	19,171	23,151	---	5.0	6.0	---	134	772	---	14	67	---
Improved permanent pasture	2,833,405	2,243	2,213	---	0.1	0.1	---	46	20	---	41	18	---
Hay and pasture	3,220,217	21,414	25,364	---	0.7	0.8	---	180	792	---	17	62	---
Total	4,424,305	304,517	323,507	23,812	6.9	7.3	0.5	9,216	6,990	260	61	43	22
Montana:													
Corn	12,786	5,580	3,798	---	43.6	29.7	---	87	92	---	31	48	---
Dry beans	11,084	---	1,785	---	---	16.1	---	---	27	---	---	30	---
Dry peas	1	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	26,304	26,105	26,105	522	99.2	99.2	2.0	523	914	5	40	70	19
Vegetables	1,324	610	610	153	46.1	46.1	11.6	7	12	3	23	39	39
Potatoes	255	157	157	157	61.6	61.6	61.6	3	5	1	38	64	13
Nursery and greenhouse	5	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	3	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	232	25	23	---	10.8	9.9	---	1	1	---	80	87	---
Miscellaneous	3,669	1,260	900	33	34.3	24.5	0.9	5	21	1	8	47	61
Intertilled crops	55,663	33,737	33,378	865	60.6	60.0	1.6	626	1,072	10	37	64	23
Wheat	220,608	21,009	62,332	---	9.5	28.3	---	138	425	---	13	14	---
Rye	724	---	---	---	---	---	---	---	---	---	---	---	---
Oats	20,776	580	522	---	2.8	2.5	---	4	7	---	14	27	---
Barley	93,976	6,939	18,416	---	7.4	19.6	---	48	150	---	14	16	---
Flaxseed	229	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	4,098	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	340,411	28,528	81,270	---	8.4	23.9	---	190	582	---	13	14	---
Tame hay and cropland pasture	311,064	17,385	18,351	---	5.6	5.9	---	193	309	---	22	34	---
Improved permanent pasture	5,310,184	2,590	4,317	---	---	0.1	---	13	35	---	10	16	---
Hay and pasture	5,621,248	19,975	22,668	---	0.4	0.4	---	206	344	---	21	30	---
Total	6,017,322	82,240	137,316	865	1.4	2.3	---	1,022	1,998	10	25	29	23
Nebraska:													
Corn	197,668	91,230	58,550	4,119	46.2	29.6	2.1	3,945	870	29	86	30	14
Sorghum	107,783	7,496	3,899	260	7.0	3.6	0.2	231	56	2	62	29	15
Soybeans	62	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	68,032	7,274	7,274	674	10.7	10.7	1.0	260	165	6	71	45	18
Sugar beets	47,445	40,225	40,111	4,021	84.8	84.5	8.5	1,085	999	35	54	50	17
Vegetables	835	325	325	---	38.9	38.9	---	10	6	---	62	37	---
Potatoes	9,070	3,878	2,908	320	42.8	32.1	3.5	118	70	3	61	48	19
Popcorn	3	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	15	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	82	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	27,800	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	458,796	150,428	113,067	9,394	32.8	24.6	2.0	5,649	2,166	75	75	38	16

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	855,792	19,275	8,910	576	2.3	1.0	0.1	269	122	4	28	27	14
Rye	33,955	799	523	---	2.4	1.5	---	12	7	---	30	27	---
Oats	38,735	4,508	2,917	286	11.6	7.5	0.7	76	49	2	34	34	14
Barley	109,724	5,784	3,336	170	5.3	3.0	0.2	98	49	1	34	29	12
Safflower	22,205	390	236	---	1.8	1.1	---	7	3	---	36	25	---
Wild hay	161,070	1,283	915	---	0.8	0.6	---	29	20	---	45	44	---
Close-growing crops	1,221,481	32,039	16,837	1,032	2.6	1.4	0.1	491	250	7	31	30	14
Tame hay and cropland pasture	262,056	7,914	6,562	690	3.0	2.5	0.3	162	140	5	41	43	14
Improved permanent pasture	2,662,011	636	474	---	---	---	---	18	8	---	57	34	---
Hay and pasture	2,924,067	8,550	7,036	690	0.3	0.2	---	180	148	5	42	42	14
Total	4,604,344	191,017	136,940	11,116	4.1	3.0	0.2	8,320	2,564	87	66	37	16
Wyoming:													
Corn	58,029	17,613	---	---	30.4	---	---	617	---	---	70	---	---
Sorghum	2,911	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	72,838	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	464	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	38,085	31,429	31,429	730	82.5	82.5	1.9	936	1,008	22	60	64	60
Vegetables	3,833	---	---	---	---	---	---	---	---	---	---	---	---
Potatoes	3,605	1,906	1,906	467	52.9	52.9	13.0	43	42	14	45	44	60
Nursery and greenhouse	938	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	3	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	267	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	10,193	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	191,166	50,948	33,335	1,197	26.7	17.4	0.6	1,596	1,050	36	63	63	60
Wheat	234,417	6,349	---	---	2.7	---	---	136	---	---	43	---	---
Oats	82,834	18,919	---	---	22.8	---	---	495	---	---	52	---	---
Barley	90,612	19,173	---	---	21.2	---	---	496	---	---	52	---	---
Other small grain	5,953	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	74,647	1,000	---	---	1.3	---	---	35	---	---	70	---	---
Close-growing crops	488,463	45,441	---	---	9.3	---	---	1,162	---	---	51	---	---
Tame hay and cropland pasture	1,452,622	1,300	51,290	---	0.1	3.5	---	51	2,169	---	78	85	---
Improved permanent pasture	20,456,252	3,588	---	---	---	---	---	200	---	---	111	---	---
Hay and pasture	21,908,874	4,888	51,290	---	---	0.2	---	251	2,169	---	103	85	---
Total	22,588,503	101,277	84,625	1,197	0.4	0.4	---	3,009	3,219	36	59	76	60
Total:													
Corn	500,540	245,294	193,219	4,119	49.0	38.6	0.8	9,785	1,370	29	80	14	14
Sorghum	141,358	7,753	3,899	260	5.5	2.8	0.2	241	56	2	62	29	15
Soybeans	62	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	208,319	7,274	28,318	674	3.5	13.6	0.3	260	575	6	71	41	18
Dry peas	734	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	225,494	198,315	198,201	5,273	87.9	87.9	2.3	5,268	7,229	62	53	73	24
Vegetables	18,183	11,842	11,842	10,916	65.1	65.1	60.0	370	496	159	62	84	29
Potatoes	28,221	18,990	18,020	13,993	67.3	63.9	49.6	437	491	122	46	54	17
Popcorn	3	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	1,063	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	7	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	1,587	25	23	---	1.6	1.4	---	1	1	---	80	87	---
Miscellaneous	45,143	1,260	900	33	2.8	2.0	0.1	5	21	1	8	47	61
Intertilled crops	1,170,714	490,753	454,422	35,268	41.9	38.8	3.0	16,367	10,239	381	67	45	22
Wheat	1,771,942	54,814	75,943	576	3.1	4.3	---	746	572	4	27	15	14
Rye	125,333	799	523	---	0.6	0.4	---	12	7	---	30	27	---
Oats	179,297	24,489	3,439	286	13.7	1.9	0.2	585	56	2	48	33	14
Barley	386,289	50,696	40,552	170	13.1	10.5	---	969	421	1	38	21	12
Flaxseed	229	---	---	---	---	---	---	---	---	---	---	---	---
Proso	20,199	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	22,205	390	236	---	1.8	1.1	---	7	3	---	36	25	---
Other small grain	5,953	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	277,907	2,283	915	---	0.8	0.3	---	64	20	---	56	44	---
Close-growing crops	2,789,354	133,471	121,608	1,032	4.8	4.4	---	2,383	1,079	7	36	18	14
Tame hay and cropland pasture	2,412,554	45,770	99,354	690	1.9	4.1	---	540	3,390	5	24	68	14
Improved permanent pasture	31,261,852	9,057	7,004	---	---	---	---	277	63	---	61	18	---
Hay and pasture	33,674,406	54,827	106,358	690	0.2	0.3	---	817	3,453	5	30	65	14
Total	37,634,474	679,051	682,388	36,990	1.8	1.8	0.1	19,567	14,771	393	58	43	21
ASR-89, PORTION IN:													
Arizona:													
Corn	8,700	7,597	4,475	---	87.3	51.4	---	363	101	---	96	45	---
Sorghum	147,200	120,630	69,540	2,760	81.9	47.2	1.9	5,868	1,282	27	97	37	20
Dry beans	1,000	450	450	---	45.0	45.0	---	7	10	---	31	44	---
Cotton	382,600	342,101	209,750	27,082	89.4	54.8	7.1	20,642	5,243	271	121	50	20

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Vegetables	102,250	101,441	97,283	53,748	99.2	95.1	52.6	6,965	4,668	1,246	137	96	46
Potatoes	7,600	7,600	7,600	7,220	100.0	100.0	95.0	622	506	174	164	133	48
Sweet potatoes	700	630	648	455	90.0	92.6	65.0	19	28	7	60	86	31
Nursery and greenhouse	1,400	1,400	1,400	1,105	100.0	100.0	78.9	62	35	14	89	50	25
All fruit	29,700	28,454	9,533	1,714	95.8	32.1	5.8	2,249	169	23	159	35	27
Miscellaneous	1,800	1,710	1,170	---	95.0	65.0	---	86	28	---	101	48	---
Intertilled crops	682,930	612,013	401,849	94,084	89.6	58.8	13.8	36,883	12,070	1,762	121	60	37
Wheat	85,200	67,158	50,730	2,072	78.8	59.5	2.4	2,737	935	19	82	37	18
Oats	4,100	3,172	2,360	88	77.4	57.6	2.1	128	44	1	81	37	23
Barley	141,800	110,250	83,500	3,308	77.8	58.9	2.3	4,440	1,540	32	81	37	19
Flaxseed	2,000	2,000	2,000	---	100.0	100.0	---	125	50	---	125	50	---
Soil improvement crops	11,700	1,050	735	---	9.0	6.3	---	21	9	---	40	24	---
Seed crops	13,800	13,210	6,230	350	95.7	45.1	2.5	778	152	7	118	49	40
Wild hay	1,000	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	259,600	196,840	145,555	5,818	75.8	56.1	2.2	8,229	2,730	59	84	38	20
Tame hay and cropland pasture	294,450	90,877	124,290	---	30.9	42.2	---	2,345	3,799	---	52	61	---
Improved permanent pasture	13,155,000	275	137	---	---	---	---	9	5	---	65	73	---
Hay and pasture	13,449,450	91,152	124,427	---	0.7	0.9	---	2,354	3,804	---	52	61	---
Total	14,392,000	900,005	671,831	99,902	6.3	4.7	0.7	47,466	18,604	1,821	105	55	36
New Mexico:													
Corn	6,235	949	93	---	15.2	1.5	---	28	2	---	59	43	---
Sorghum	49,530	8,612	784	---	17.4	1.6	---	173	8	---	40	20	---
Broomcorn	289	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	4,217	210	272	---	5.0	6.5	---	4	13	---	38	96	---
Peanuts	270	147	142	118	54.4	52.6	43.7	13	7	2	177	99	34
Cotton	166,931	140,182	70,267	600	84.0	42.1	0.4	4,809	1,981	6	69	45	20
Vegetables	9,612	6,368	6,368	1,291	66.2	66.2	13.4	185	326	31	58	102	48
Potatoes	13	---	---	---	---	---	---	---	---	---	---	---	---
Sweet potatoes	122	96	84	52	78.7	68.9	42.6	17	9	6	354	214	231
Nursery and greenhouse	238	238	238	---	100.0	100.0	---	15	24	---	126	202	---
Small fruits	2	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	7,945	4,135	5,283	375	52.0	66.5	4.7	184	317	12	89	120	64
Miscellaneous	5,768	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	251,172	160,937	83,531	2,436	64.1	33.3	1.0	5,428	2,287	57	67	55	47
Wheat	799	---	---	---	---	---	---	---	---	---	---	---	---
Rye	350	---	---	---	---	---	---	---	---	---	---	---	---
Oats	3,078	364	250	---	11.8	8.1	---	2	1	---	11	8	---
Barley	17,927	8,044	5,176	---	44.9	28.9	---	181	137	---	45	53	---
Wild hay	1,550	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	23,704	8,408	5,426	---	35.5	22.9	---	183	138	---	44	51	---
Tame hay and cropland pasture	251,685	7,444	60,316	2,435	3.0	24.0	1.0	67	4,765	28	18	158	23
Improved permanent pasture	14,794,518	617	243	---	---	---	---	39	2	---	126	16	---
Hay and pasture	15,046,203	8,061	60,559	2,435	0.1	0.4	---	106	4,767	28	26	157	23
Total	15,321,079	177,406	149,516	4,871	1.2	1.0	---	5,717	7,192	85	64	96	35
Texas:													
Corn	1,157	322	290	---	27.8	25.1	---	10	6	---	62	41	---
Sorghum	17,880	3,639	1,330	---	20.4	7.4	---	163	40	---	90	60	---
Broomcorn	495	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	10	10	---	---	100.0	---	---	---	---	---	60	---	---
Peanuts	10	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	138,127	107,412	58,170	---	77.8	42.1	---	8,841	1,745	---	165	60	---
Vegetables	2,569	2,245	2,245	560	87.4	87.4	21.8	113	68	9	101	61	32
Potatoes	18	18	18	---	100.0	100.0	---	1	---	---	111	60	---
Sweet potatoes	4	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	27	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	286	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	1,520	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	162,103	113,646	62,053	560	70.1	38.3	0.3	9,128	1,859	9	161	60	32
Wheat	369	29	---	---	7.9	---	---	2	---	---	138	---	---
Rye	50	---	---	---	---	---	---	---	---	---	---	---	---
Oats	1,460	1,230	300	---	84.2	20.5	---	74	10	---	120	67	---
Barley	3,652	2,578	600	---	70.6	16.4	---	155	18	---	120	60	---
Wild hay	19	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	5,550	3,837	900	---	69.1	16.2	---	231	28	---	120	62	---
Tame hay and cropland pasture	85,957	4,660	6,630	---	5.4	7.7	---	256	199	---	110	60	---
Improved permanent pasture	14,908,165	395	171	---	---	---	---	14	3	---	71	35	---
Hay and pasture	14,994,122	5,055	6,801	---	---	---	---	270	202	---	107	59	---
Total	15,161,775	122,538	69,754	560	0.8	0.5	---	9,629	2,089	9	157	60	32

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total:													
Corn	16,092	8,868	4,858	---	55.1	30.2	---	401	109	---	90	45	---
Sorghum	214,610	132,881	71,654	2,760	61.9	33.4	1.3	6,204	1,330	27	93	37	20
Broomcorn	784	---	---	---	---	---	---	---	---	---	---	---	---
Soybeans	10	10	---	---	100.0	---	---	---	---	---	60	---	---
Dry beans	5,217	660	722	---	12.6	13.8	---	11	23	---	33	64	---
Peanuts	280	147	142	118	52.5	50.7	42.1	13	7	2	177	99	34
Cotton	687,658	589,695	338,187	27,682	85.8	49.2	4.0	34,292	8,569	277	116	51	20
Vegetables	114,431	110,054	105,896	55,599	96.2	92.5	48.6	7,263	5,062	1,286	132	96	46
Potatoes	7,631	7,618	7,618	7,220	99.8	99.8	94.6	623	506	174	164	133	48
Sweet potatoes	826	726	732	507	87.9	88.6	61.4	36	37	13	99	101	51
Nursery and greenhouse	1,665	1,638	1,638	1,105	98.4	98.4	66.4	77	59	14	94	72	25
All fruit	37,933	32,589	14,816	2,089	85.9	39.1	5.5	2,433	486	35	149	66	34
Miscellaneous	22,888	14,920	7,400	350	65.2	32.3	1.5	864	180	7	116	49	40
Intertilled crops	1,110,025	899,806	553,663	97,430	81.1	49.9	8.9	52,217	16,368	1,835	116	59	38
Wheat	86,368	67,187	50,730	2,072	77.8	58.7	2.4	2,739	935	19	82	37	18
Rye	400	---	---	---	---	---	---	---	---	---	---	---	---
Oats	8,638	4,766	2,910	88	55.2	33.7	1.0	204	55	1	86	38	23
Barley	163,379	120,872	89,276	3,308	74.0	54.6	2.0	4,776	1,695	32	79	38	19
Flaxseed	2,000	2,000	2,000	---	100.0	100.0	---	125	50	---	125	50	---
Soil improvement crops	11,700	1,050	735	---	9.0	6.3	---	21	9	---	40	24	---
Wild hay	2,569	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	275,054	195,875	145,651	5,468	71.2	53.0	2.0	7,865	2,744	52	80	38	19
Tame hay and cropland pasture	632,092	102,981	191,236	2,435	16.3	30.3	0.4	2,668	8,763	28	52	92	23
Improved permanent pasture	42,857,683	1,287	551	---	---	---	---	62	10	---	96	36	---
Hay and pasture	43,489,775	104,268	191,787	2,435	0.2	0.4	---	2,730	8,773	28	52	96	23
Total	44,874,854	1,199,949	891,101	105,333	2.7	2.0	0.2	62,812	27,885	1,915	105	63	36
ASR-90, PORTION IN:													
Colorado:													
Corn	36,417	22,173	---	---	60.9	---	---	1,034	---	---	93	---	---
Sorghum	1,623	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	101,323	---	5,686	---	---	5.6	---	---	62	---	---	22	---
Dry peas	6,462	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	5,990	5,439	5,439	---	90.8	90.8	---	269	344	---	99	127	---
Vegetables	12,525	10,760	10,760	10,398	85.9	85.9	83.0	894	758	236	166	141	45
Potatoes	34,859	23,951	23,951	23,951	68.7	68.7	68.7	512	1,020	214	43	85	18
Nursery and greenhouse	57	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	16,828	11,751	51	51	69.8	0.3	0.3	106	2	3	18	78	118
Miscellaneous	5,369	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	221,453	74,074	45,887	34,400	33.4	20.7	15.5	2,815	2,186	453	76	95	26
Wheat	118,520	2,326	1,177	---	2.0	1.0	---	51	27	---	44	46	---
Rye	1,646	---	---	---	---	---	---	---	---	---	---	---	---
Oats	50,661	---	---	---	---	---	---	---	---	---	---	---	---
Barley	76,151	15,002	9,000	---	19.7	11.8	---	411	72	---	55	16	---
Proso	34	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	213,788	1,369	1,369	---	0.6	0.6	---	17	8	---	25	12	---
Close-growing crops	460,800	18,697	11,546	---	4.1	2.5	---	479	107	---	51	19	---
Tame hay and cropland pasture	1,041,116	55,716	61,992	---	5.4	6.0	---	530	1,956	---	19	63	---
Improved permanent pasture	7,671,052	3,873	3,873	373	---	---	---	66	52	1	34	27	5
Hay and pasture	8,712,168	59,589	65,865	373	0.7	0.8	---	596	2,008	1	20	61	5
Total	9,394,421	152,360	123,298	34,773	1.6	1.3	0.4	3,890	4,301	454	51	70	26
Idaho:													
Corn	3,342	2,500	2,500	---	74.8	74.8	---	75	45	---	60	36	---
Dry beans	1,002	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	7,391	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	493	339	339	---	68.8	68.8	---	14	15	---	83	88	---
Vegetables	1,347	314	300	---	23.3	22.3	---	6	5	---	38	33	---
Potatoes	6,607	5,833	5,833	---	88.3	88.3	---	140	140	---	48	48	---
Nursery and greenhouse	13	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	56	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	494	200	200	---	40.5	40.5	---	4	3	---	40	30	---
Miscellaneous	45,893	1,000	500	---	2.2	1.1	---	15	7	---	30	28	---
Intertilled crops	66,638	10,186	9,672	---	15.3	14.5	---	254	215	---	50	44	---
Wheat	138,155	39,284	7,600	6,000	30.7	5.9	4.7	650	85	50	33	22	17
Rye	849	---	---	---	---	---	---	---	---	---	---	---	---
Oats	41,623	14,340	---	---	34.5	---	---	200	---	---	28	---	---
Barley	67,500	22,000	---	---	32.6	---	---	415	---	---	38	---	---
Wild hay	29,947	2,000	---	---	6.7	---	---	25	---	---	25	---	---
Close-growing crops	268,074	77,624	7,600	6,000	29.0	2.8	2.2	1,290	85	50	33	22	17

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	423,688	3,000	14,000	---	0.7	3.3	---	43	320	---	29	46	---
Improved permanent pasture	1,873,924	3,000	2,500	---	0.2	0.1	---	36	42	---	24	34	---
Hay and pasture	2,297,612	6,000	16,500	---	0.3	0.7	---	79	362	---	26	44	---
Total	2,632,324	93,810	33,772	6,000	3.6	1.3	0.2	1,623	662	30	35	39	17
Montana:													
Corn	2,108	770	770	---	36.5	36.5	---	8	12	---	21	31	---
Dry beans	17	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	1,120	---	380	---	---	33.9	---	---	3	---	---	16	---
Sugar beets	5,404	4,488	4,488	1,257	83.0	83.0	23.3	90	164	12	40	73	19
Vegetables	2,461	970	970	342	39.4	39.4	13.9	11	17	6	23	35	35
Potatoes	5,974	4,100	4,100	1,131	68.6	68.6	18.9	66	134	37	32	65	65
Nursery and greenhouse	187	165	165	66	88.2	88.2	35.3	4	5	2	48	61	61
Small fruits	141	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	2,064	800	280	280	38.8	13.6	13.6	24	16	10	60	114	71
Miscellaneous	3,535	2,320	2,345	107	65.6	66.3	3.0	11	44	2	9	38	37
Intertilled crops	23,011	13,613	13,498	3,183	59.2	58.7	13.8	214	395	69	31	59	43
Wheat	212,157	40,077	60,530	---	18.9	28.5	---	331	654	---	17	22	---
Rye	1,022	---	---	---	---	---	---	---	---	---	---	---	---
Oats	47,848	4,950	4,324	---	10.3	9.0	---	39	87	---	16	40	---
Barley	125,371	19,607	23,190	---	15.6	18.5	---	155	322	---	16	28	---
Flaxseed	460	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	2	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	261,319	3,500	350	---	1.3	0.1	---	53	9	---	30	51	---
Close-growing crops	648,179	68,134	88,394	---	10.5	13.6	---	578	1,072	---	17	24	---
Tame hay and cropland pasture	984,312	64,132	64,132	---	6.5	6.5	---	450	950	---	14	30	---
Improved permanent pasture	7,994,078	6,306	5,675	---	0.1	0.1	---	58	69	---	18	24	---
Hay and pasture	8,968,390	70,438	69,807	---	0.8	0.8	---	508	1,019	---	14	29	---
Total	9,639,580	152,185	171,699	3,183	1.6	1.8	---	1,300	2,486	69	17	29	43
New Mexico:													
Corn	14,138	2,952	667	---	20.9	4.7	---	31	6	---	21	18	---
Sorghum	1,222	1,222	56	---	100.0	4.6	---	41	1	---	67	36	---
Dry beans	4,586	165	208	---	3.6	4.5	---	3	8	---	36	77	---
Cotton	20	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	3,669	1,284	1,284	67	35.0	35.0	1.8	73	98	4	114	153	119
Potatoes	912	328	342	174	36.0	37.5	19.1	20	27	12	122	158	138
Sweet potatoes	2	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	84	31	31	---	36.9	36.9	---	2	8	---	129	516	---
Small fruits	5	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	4,718	690	1,120	108	14.6	23.7	2.3	20	65	2	58	116	37
Miscellaneous	962	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	30,318	6,672	3,708	349	22.0	12.2	1.2	190	213	18	57	115	103
Wheat	8,830	684	435	---	7.7	4.9	---	13	5	---	38	23	---
Rye	391	---	---	---	---	---	---	---	---	---	---	---	---
Oats	1,518	122	---	---	8.0	---	---	3	---	---	49	---	---
Barley	3,422	299	292	---	8.7	8.5	---	13	7	---	87	48	---
Wild hay	2,735	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	16,896	1,105	727	---	6.5	4.3	---	29	12	---	52	33	---
Tame hay and cropland pasture	179,303	1,834	14,578	750	1.0	8.1	0.4	11	328	3	12	45	8
Improved permanent pasture	9,771,835	405	318	---	---	---	---	10	5	---	49	31	---
Hay and pasture	9,951,138	2,239	14,896	750	---	0.1	---	21	333	3	19	45	8
Total	9,998,352	10,016	19,331	1,099	0.1	0.2	---	240	558	21	48	58	38
Washington:													
Corn	156	100	60	30	64.1	38.5	19.2	4	2	1	80	67	67
Vegetables	419	150	150	150	35.8	35.8	35.8	5	4	4	67	53	53
Potatoes	112	50	40	40	44.6	35.7	35.7	2	1	1	80	50	50
Nursery and greenhouse	8	8	8	8	100.0	100.0	100.0	1	1	1	250	250	250
Small fruits	16	10	10	10	62.5	62.5	62.5	---	---	---	50	50	50
Tree fruits	284	100	---	---	35.2	---	---	5	---	---	100	---	---
Intertilled crops	995	418	268	238	42.0	26.9	23.9	17	8	7	81	60	59
Wheat	18,950	6,245	5,000	3,000	33.0	26.4	15.8	127	76	46	41	30	30
Rye	358	---	---	---	---	---	---	---	---	---	---	---	---
Oats	13,260	1,432	1,000	1,000	10.8	7.5	7.5	25	16	16	35	32	32
Barley	10,787	2,725	2,000	2,000	25.3	18.5	18.5	44	31	30	32	31	30
Wild hay	3,061	100	75	60	3.3	2.4	2.0	4	3	2	80	80	67
Close-growing crops	46,416	10,502	8,075	6,060	22.6	17.4	13.1	200	126	94	38	31	31
Tame hay and cropland pasture	123,864	4,000	500	500	3.2	0.4	0.4	160	5	3	80	20	12
Improved permanent pasture	180,416	1,563	1,200	800	0.9	0.7	0.4	76	36	24	97	60	60
Hay and pasture	304,280	5,563	1,700	1,300	1.8	0.6	0.4	236	41	27	85	48	41
Total	351,691	16,483	10,043	7,598	4.7	2.9	2.2	453	175	128	55	35	34

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wyoming:													
Corn	163	140	---	---	85.9	---	---	3	---	---	43	---	---
Sorghum	97	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	127	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	332	---	---	---	---	---	---	---	---	---	---	---	---
Potatoes	329	207	207	---	62.9	62.9	---	3	3	---	29	29	---
Nursery and greenhouse	14	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	1	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	9	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	1,073	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	2,145	347	207	---	16.2	9.7	---	6	3	---	35	29	---
Wheat	8,399	---	---	---	---	---	---	---	---	---	---	---	---
Oats	9,741	---	---	---	---	---	---	---	---	---	---	---	---
Barley	17,274	---	---	---	---	---	---	---	---	---	---	---	---
Other small grain	210	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	264,981	624	---	---	0.2	---	---	22	---	---	71	---	---
Close-growing crops	300,605	624	---	---	0.2	---	---	22	---	---	71	---	---
Tame hay and cropland pasture	378,661	3,750	7,889	---	1.0	2.1	---	150	252	---	80	64	---
Improved permanent pasture	11,342,466	325	---	---	---	---	---	6	---	---	37	---	---
Hay and pasture	11,721,127	4,075	7,889	---	---	0.1	---	156	252	---	77	64	---
Total	12,023,877	5,046	8,096	---	---	0.1	---	184	255	---	73	63	---
Total:													
Corn	56,324	28,635	3,997	30	50.8	7.1	0.1	1,155	65	1	81	33	67
Sorghum	2,942	1,222	56	---	41.5	1.9	---	41	1	---	67	36	---
Dry beans	107,055	165	5,894	---	0.2	5.5	---	3	70	---	36	24	---
Dry peas	14,973	---	380	---	---	2.5	---	---	3	---	---	16	---
Cotton	20	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	11,887	10,266	10,266	1,257	86.4	86.4	10.6	373	523	12	73	102	19
Vegetables	20,753	13,478	13,464	10,957	64.9	64.9	52.8	989	882	250	147	131	46
Potatoes	48,793	34,469	34,473	25,296	70.6	70.7	51.8	743	1,325	264	43	77	21
Sweet potatoes	2	---	---	---	---	---	---	---	---	---	---	---	---
Nursery and greenhouse	363	204	204	74	56.2	56.2	20.4	7	14	3	69	137	81
Small fruits	219	10	10	10	4.6	4.6	4.6	---	---	---	50	50	50
Tree fruits	24,397	13,541	1,651	439	55.5	6.8	1.8	159	96	15	23	104	68
Miscellaneous	56,832	3,320	2,845	107	5.8	5.0	0.2	26	51	2	16	36	37
Intertilled crops	344,560	105,310	73,240	38,170	30.6	21.3	11.1	3,496	3,020	547	66	82	29
Wheat	495,011	88,616	74,742	9,000	17.9	15.1	1.8	1,172	847	96	26	23	21
Rye	4,266	---	---	---	---	---	---	---	---	---	---	---	---
Oats	164,651	20,844	5,324	1,000	12.7	3.2	0.6	267	103	16	26	39	32
Barley	300,505	59,633	34,482	2,000	19.8	11.5	0.7	1,038	432	30	35	25	30
Flaxseed	460	---	---	---	---	---	---	---	---	---	---	---	---
Proso	34	---	---	---	---	---	---	---	---	---	---	---	---
Safflower	2	---	---	---	---	---	---	---	---	---	---	---	---
Other small grain	210	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	775,831	7,593	1,794	60	1.0	0.2	---	121	20	2	32	22	67
Close-growing crops	1,740,970	176,686	116,342	12,060	10.1	6.7	0.7	2,598	1,402	144	29	24	24
Tame hay and cropland pasture	3,130,944	132,432	163,091	1,250	4.2	5.2	---	1,344	3,811	6	20	47	10
Improved permanent pasture	38,823,771	15,472	13,566	1,173	---	---	---	252	204	25	33	30	43
Hay and pasture	41,954,715	147,904	176,657	2,423	0.4	0.4	---	1,596	4,015	31	22	45	26
Total	44,040,245	429,900	366,239	52,653	1.0	0.8	0.1	7,690	8,437	722	36	46	27
ASR-91, PORTION IN:													
Idaho:													
Corn	335	195	---	---	58.2	---	---	6	---	---	62	---	---
Dry beans	2,902	---	---	---	---	---	---	---	---	---	---	---	---
Dry peas	97,887	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	8,667	250	---	---	2.9	---	---	4	---	---	32	---	---
Potatoes	346	235	85	---	67.9	24.6	---	3	2	---	26	47	---
Nursery and greenhouse	95	---	---	---	---	---	---	---	---	---	---	---	---
Small fruits	70	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	258	70	---	---	27.1	---	---	2	---	---	57	---	---
Miscellaneous	45,052	2,000	---	---	4.4	---	---	25	---	---	25	---	---
Intertilled crops	155,612	2,750	85	---	1.8	0.1	---	40	2	---	29	47	---
Wheat	188,325	130,386	---	---	69.2	---	---	1,960	---	---	30	---	---
Rye	2,375	---	---	---	---	---	---	---	---	---	---	---	---
Oats	26,839	6,000	---	---	22.4	---	---	90	---	---	30	---	---
Barley	94,684	60,000	---	---	63.4	---	---	775	---	---	26	---	---
Wild hay	2,154	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	314,377	196,386	---	---	62.5	---	---	2,825	---	---	29	---	---
Tame hay and cropland pasture	102,213	3,000	2,000	---	2.9	2.0	---	35	44	---	23	44	---
Improved permanent pasture	230,043	2,747	2,500	---	1.2	1.1	---	27	33	---	20	26	---
Hay and pasture	332,256	5,747	4,500	---	1.7	1.4	---	62	77	---	22	34	---
Total	802,245	204,883	4,585	---	25.5	0.6	---	2,927	79	---	29	34	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Oregon:													
Corn	5,159	4,943	4,943	---	95.8	95.8	---	400	164	---	162	66	----
Dry peas	10,291	387	100	---	3.8	1.0	---	10	2	---	52	40	---
Sugar beets	2,701	2,661	2,661	222	98.5	98.5	8.2	190	114	5	143	86	45
Vegetables	57,291	32,137	5,615	1,107	56.1	9.8	1.9	389	98	12	[illegible]	35	22
Potatoes	326	199	199	199	61.0	61.0	61.0	12	19	6	[illegible]	191	60
Hops	240	234	234	78	97.5	97.5	32.5	12	5	2	[illegible]	43	51
Mint	480	480	480	480	100.0	100.0	100.0	40	23	33	167	96	138
Nursery and greenhouse	235	152	152	152	64.7	64.7	64.7	17	8	5	224	105	66
Small fruits	35	33	33	---	94.3	94.3	---	2	1	---	121	61	---
Tree fruits	9,394	6,205	3,102	155	66.1	33.0	1.6	185	55	4	60	35	52
Miscellaneous	4,821	2,609	870	130	54.1	18.0	2.7	96	16	2	74	37	31
Intertilled crops	90,973	50,040	18,389	2,523	55.0	20.2	2.8	1,353	505	69	54	55	55
Wheat	554,769	313,271	7,832	---	56.5	1.4	---	6,742	136	---	43	35	---
Rye	5,699	---	---	---	---	---	---	---	---	---	---	---	---
Oats	3,557	391	391	---	11.0	11.0	---	15	8	---	77	41	---
Barley	222,106	99,447	4,972	---	44.8	2.2	---	1,700	81	---	34	33	---
Wild hay	1,719	600	600	30	34.9	34.9	1.7	30	18	1	100	60	67
Close-growing	787,850	413,709	13,795	30	52.5	1.8	---	8,487	243	1	41	35	67
Tame hay and cropl[illegible]	[illegible],230	9,921	9,921	---	6.3	6.3	---	584	262	---	118	53	---
Improved permanent [illegible]	[illegible],578	4,412	4,412	---	0.2	0.2	---	8	20	---	4	9	---
Hay and pasture	[illegible],808	14,333	14,333	---	0.5	0.5	---	592	282	---	83	39	---
Total	3,917,631	478,082	46,517	2,553	12.2	1.2	0.1	10,432	1,030	70	44	44	55
Washington:													
Corn	1,065	800	400	100	75.1	37.6	9.4	29	8	2	73	40	40
Dry beans	464	200	100	---	43.1	21.6	---	7	3	---	70	60	---
Dry peas	160,874	2,000	---	---	1.2	---	---	20	---	---	20	---	---
Sugar beets	4,306	4,210	2,500	400	97.8	58.1	9.3	420	112	12	200	90	60
Vegetables	46,618	25,000	3,000	1,000	53.6	6.4	2.1	450	120	20	36	80	40
Potatoes	895	600	300	100	67.0	33.5	11.2	26	9	3	87	60	60
Nursery and greenhouse	128	100	100	100	78.1	78.1	78.1	10	6	3	200	120	60
Small fruits	260	150	75	75	57.7	28.8	28.8	6	2	1	80	53	27
Tree fruits	3,043	2,000	---	---	65.7	---	---	94	---	---	94	---	---
Miscellaneous	37,270	10,000	3,000	400	26.8	8.0	1.1	250	90	8	50	60	40
Intertilled crops	254,923	45,060	9,475	2,175	17.7	3.7	0.9	1,312	350	49	58	74	45
Wheat	769,049	594,000	2,500	100	77.2	0.3	---	18,795	35	2	63	28	40
Rye	9,393	1,000	---	---	10.6	---	---	10	---	---	20	---	---
Oats	37,761	15,000	---	---	39.7	---	---	300	---	---	40	---	---
Barley	315,657	208,000	400	---	65.9	0.1	---	4,699	6	---	45	30	---
Wild hay	3,459	400	30	---	11.6	0.9	---	7	---	---	35	35	---
Close-growing crops	1,135,319	818,400	2,930	100	72.1	0.3	---	23,811	41	2	58	28	40
Tame hay and cropland pasture	224,314	15,000	5,000	100	6.7	2.2	---	425	100	3	57	40	60
Improved permanent pasture	1,160,561	3,400	500	100	0.3	---	---	126	10	1	74	40	20
Hay and pasture	1,384,875	18,400	5,500	200	1.3	0.4	---	551	110	4	60	40	40
Total	2,775,117	881,860	17,905	2,475	31.8	0.6	0.1	25,674	501	55	58	56	44
Total:													
Corn	6,559	5,938	5,343	100	90.5	81.5	1.5	435	172	2	147	64	40
Dry beans	3,366	200	100	---	5.9	3.0	---	7	3	---	70	60	---
Dry peas	269,052	2,387	100	---	0.9	---	---	30	2	---	25	40	---
Sugar beets	7,007	6,871	5,161	622	98.1	73.7	8.9	610	226	17	178	88	55
Vegetables	112,576	57,387	8,615	2,107	51.0	7.7	1.9	843	218	32	29	51	30
Potatoes	1,567	1,034	584	299	66.0	37.3	19.1	41	30	9	79	103	60
Hops	240	234	234	78	97.5	97.5	32.5	12	5	2	103	43	51
Mint	480	480	480	480	100.0	100.0	100.0	40	23	33	167	96	138
Nursery and greenhouse	458	252	252	252	55.0	55.0	55.0	27	14	8	214	111	63
Small fruits	365	183	108	75	50.1	29.6	20.5	8	3	1	87	56	27
Tree fruits	12,695	8,275	3,102	155	65.2	24.4	1.2	281	55	4	68	35	52
Miscellaneous	87,143	14,609	3,870	530	16.8	4.4	0.6	371	106	10	51	55	38
Intertilled crops	501,508	97,850	27,949	4,698	19.5	5.6	0.9	2,705	857	118	55	61	50
Wheat	1,512,143	1,037,657	10,332	100	68.6	0.7	---	27,497	171	2	53	33	40
Rye	17,467	1,000	---	---	5.7	---	---	10	---	---	20	---	---
Oats	68,157	21,391	391	---	31.4	0.6	---	405	8	---	38	41	---
Barley	632,447	367,447	5,372	---	58.1	0.8	---	7,174	87	---	39	32	---
Wild hay	7,332	1,000	630	30	13.6	8.6	0.4	37	18	1	74	57	67
Close-growing crops	2,837,546	1,428,495	16,725	130	63.8	0.7	---	35,123	284	3	49	34	46
Tame hay and cropland pasture	483,757	27,921	16,921	100	5.8	3.5	---	1,044	406	3	75	48	60
Improved permanent pasture	4,272,182	10,559	7,412	100	0.2	0.2	---	161	63	1	30	17	20
Hay and pasture	4,755,939	38,480	24,333	200	0.8	0.5	---	1,205	469	4	63	39	40
Total	7,494,993	1,564,825	69,007	5,028	20.9	0.9	0.1	39,033	1,610	125	50	47	50

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-92, PORTION IN:													
Washington:													
Corn	32,505	21,400	31,000	31,000	65.8	95.4	95.4	1,860	320	131	174	21	8
Dry beans	52,913	48,000	48,000	24,000	90.7	90.7	45.4	1,599	320	40	67	13	3
Dry peas	15,683	4,300	4,300	---	27.4	27.4	---	86	86	---	40	40	---
Sugar beets	11,420	10,178	10,178	10,178	89.1	89.1	89.1	1,017	302	50	200	59	10
Vegetables	3,925	3,350	3,350	3,350	85.4	85.4	85.4	167	100	83	100	60	50
Potatoes	16,774	16,500	16,500	16,500	98.4	98.4	98.4	1,320	525	412	160	64	50
Mint	1,439	1,400	1,400	1,400	97.3	97.3	97.3	140	42	28	200	60	40
Nursery and greenhouse	97	97	97	97	100.0	100.0	100.0	5	5	5	103	103	103
Small fruits	15	15	15	15	100.0	100.0	100.0	1	---	---	133	67	67
Tree fruits	9,174	8,700	---	---	94.8	---	---	261	---	---	60	---	---
Miscellaneous	8,079	5,064	---	---	62.7	---	---	139	---	---	55	---	---
Intertilled crops	152,024	119,004	114,840	86,540	78.3	75.5	56.9	6,595	1,701	750	111	30	17
Wheat	906,695	366,061	---	---	40.4	---	---	9,151	---	---	50	---	---
Rye	77,526	1,500	---	---	1.9	---	---	15	---	---	20	---	---
Oats	31,135	2,100	---	---	6.7	---	---	42	---	---	40	---	---
Barley	282,344	95,515	---	---	33.8	---	---	2,388	---	---	50	---	---
Wild hay	4,977	600	---	---	12.0	---	---	3	---	---	10	---	---
Close-growing crops	1,302,677	465,776	---	---	35.8	---	---	11,599	---	---	50	---	---
Tame hay and cropland pasture	216,029	25,108	25,000	---	11.6	11.6	---	306	399	---	24	32	---
Improved permanent pasture	1,847,833	---	---	---	---	---	---	---	---	---	---	---	---
Hay and pasture	2,063,862	25,108	25,000	---	1.2	1.2	---	306	399	---	24	32	---
Total	3,518,563	609,888	139,840	86,540	17.3	4.0	2.5	18,500	2,100	750	61	30	17
ASR-93, PORTION IN:													
Washington:													
Corn	49,828	37,000	37,000	37,000	74.3	74.3	74.3	2,960	840	185	160	45	10
Dry beans	1,122	1,100	1,100	---	98.0	98.0	---	33	11	---	60	20	---
Dry peas	894	300	300	---	33.6	33.6	---	6	6	---	40	40	---
Sugar beets	17,306	17,011	17,011	17,011	98.3	98.3	98.3	1,701	610	85	200	72	10
Vegetables	30,986	17,000	17,000	17,000	54.9	54.9	54.9	850	610	346	100	72	41
Potatoes	8,306	6,000	6,000	6,000	72.2	72.2	72.2	540	280	150	180	93	50
Hops	18,314	13,000	13,000	13,000	71.0	71.0	71.0	650	493	130	100	76	20
Mint	16,446	12,000	12,000	12,000	73.0	73.0	73.0	1,200	460	60	200	77	10
Nursery and greenhouse	881	880	880	880	99.9	99.9	99.9	44	44	44	100	100	100
Small fruits	208	20	100	---	9.6	48.1	---	1	3	---	100	60	---
Tree fruits	112,678	80,000	---	---	71.0	---	---	2,641	---	---	66	---	---
Miscellaneous	2,245	1,000	1,070	---	44.5	47.7	---	50	32	---	100	60	---
Intertilled crops	259,214	185,311	105,461	102,891	71.5	40.7	39.7	10,676	3,389	1,000	115	64	19
Wheat	209,824	103,020	---	---	49.1	---	---	2,575	---	---	50	---	---
Rye	26,773	300	---	---	1.1	---	---	6	---	---	40	---	---
Oats	14,364	3,000	---	---	20.9	---	---	60	---	---	40	---	---
Barley	54,637	14,862	---	---	27.2	---	---	371	---	---	50	---	---
Wild hay	8,794	500	---	---	5.7	---	---	3	---	---	12	---	---
Close-growing crops	314,392	121,682	---	---	38.7	---	---	3,015	---	---	50	---	---
Tame hay and cropland pasture	401,276	67,713	67,713	---	16.9	16.9	---	812	2,055	---	24	61	---
Improved permanent pasture	2,733,809	---	7,800	---	---	0.3	---	---	156	---	---	40	---
Hay and pasture	3,135,085	67,713	75,513	---	2.2	2.4	---	812	2,211	---	24	59	---
Total	3,708,691	374,706	180,974	102,891	10.1	4.9	2.8	14,503	5,600	1,000	77	62	19
ASR-94, PORTION IN:													
Idaho:													
Corn	74,141	60,000	60,000	9,000	80.9	80.9	12.1	2,250	1,450	90	75	48	20
Dry beans	130,833	---	15,000	---	---	11.5	---	---	270	---	---	36	---
Dry peas	19,879	---	5,000	---	---	25.2	---	---	90	---	---	36	---
Sugar beets	90,760	81,466	81,466	---	89.8	89.8	---	3,820	3,200	---	94	79	---
Vegetables	26,885	16,000	17,000	9,000	59.5	63.2	33.5	515	410	135	64	48	30
Sweet corn	6,606	5,500	5,500	---	83.3	83.3	---	210	125	---	76	45	---
Potatoes	192,863	166,671	166,671	17,000	86.4	86.4	8.8	6,080	4,730	325	73	57	38
Nursery and greenhouse	2,998	2,000	2,000	---	66.7	66.7	---	55	45	---	55	45	---
All fruit	14,331	10,000	5,000	---	69.8	34.9	---	350	100	---	70	40	---
Miscellaneous	174,163	18,000	20,000	---	10.3	11.5	---	360	390	---	40	39	---
Infertilled crops	733,459	359,637	377,637	35,000	49.0	51.5	4.8	13,640	10,810	550	76	57	31
Wheat	769,990	203,350	---	---	26.4	---	---	4,640	---	---	46	---	---
Rye	3,960	---	---	---	---	---	---	---	---	---	---	---	---
Oats	59,192	12,000	---	---	20.3	---	---	250	---	---	42	---	---
Barley	336,070	48,000	---	---	14.3	---	---	940	---	---	39	---	---
Wild hay	65,481	1,000	---	---	1.5	---	---	20	---	---	40	---	---
Close-growing crops	1,234,693	264,350	---	---	21.4	---	---	5,850	---	---	44	---	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	1,250,693	90,000	230,000	---	7.2	18.4	---	1,590	6,840	---	35	59	---
Improved permanent pasture	4,891,798	8,500	10,000	---	0.2	0.2	---	270	290	---	64	58	---
Hay and pasture	6,142,491	98,500	240,000	---	1.6	3.9	---	1,860	7,130	---	38	59	---
Total	8,110,643	722,487	617,637	35,000	8.9	7.6	0.4	21,350	17,940	550	59	58	31
Utah:													
Corn	29,835	16,680	---	---	55.9	---	---	500	---	---	60	---	---
Dry beans	68	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	28,807	26,082	26,082	224	90.5	90.5	0.8	1,304	1,043	13	100	80	116
Vegetables	17,601	12,182	12,182	1,205	69.2	69.2	6.8	242	364	40	40	60	66
Potatoes	2,763	2,120	2,120	127	76.7	76.7	4.6	81	84	7	76	79	110
Nursery and greenhouse	360	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	11,359	5,483	5,483	---	48.3	48.3	---	110	82	---	40	30	---
Miscellaneous	9,998	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	100,791	62,547	45,867	1,556	62.1	45.5	1.5	2,237	1,573	60	72	69	77
Wheat	170,111	23,959	---	---	14.1	---	---	479	---	---	40	---	---
Rye	303	---	---	---	---	---	---	---	---	---	---	---	---
Oats	11,261	1,000	250	---	8.9	2.2	---	15	5	---	30	40	---
Barley	109,672	21,118	231	---	19.3	0.2	---	423	2	---	40	17	---
Wild hay	50,135	1,000	1,000	---	2.0	2.0	---	15	15	---	30	30	---
Close-growing crops	341,482	47,077	1,481	---	13.8	0.4	---	932	22	---	40	30	---
Tame hay and cropland pasture	433,474	14,625	33,344	---	3.4	7.7	---	203	1,187	---	28	71	---
Improved permanent pasture	4,667,985	3,867	3,867	---	0.1	0.1	---	77	115	---	40	59	---
Hay and pasture	5,101,459	18,492	37,211	---	0.4	0.7	---	280	1,302	---	30	70	---
Total	5,543,732	128,116	84,559	1,556	2.3	1.5	---	3,449	2,897	60	54	69	77
Total:													
Corn	103,976	76,680	60,000	9,000	73.7	57.7	8.7	2,750	1,450	90	72	48	20
Dry beans	130,901	---	15,000	---	---	11.5	---	---	270	---	---	36	---
Dry peas	19,879	---	5,000	---	---	25.2	---	---	90	---	---	36	---
Sugar beets	119,567	107,548	107,548	224	89.9	89.9	0.2	5,124	4,243	13	95	79	116
Vegetables	44,486	28,182	29,182	10,205	63.4	65.6	22.9	758	774	175	54	53	34
Sweet corn	6,606	5,500	5,500	---	83.3	83.3	---	210	125	---	76	45	---
Potatoes	195,626	168,791	168,791	17,127	86.3	86.3	8.8	6,161	4,814	332	73	57	39
Nursery and greenhouse	3,358	2,000	2,000	---	59.6	59.6	---	55	45	---	55	45	---
All fruit	25,690	15,483	10,483	---	60.3	40.8	---	460	182	---	59	35	---
Miscellaneous	184,161	18,000	20,000	---	9.8	10.9	---	360	390	---	40	39	---
Intertilled crops	834,250	422,184	423,504	36,556	50.6	50.8	4.4	15,878	12,383	610	75	58	33
Wheat	940,101	227,309	---	---	24.2	---	---	5,119	---	---	45	---	---
Rye	4,263	---	---	---	---	---	---	---	---	---	---	---	---
Oats	70,453	13,000	250	---	18.5	0.4	---	265	5	---	41	40	---
Barley	445,742	69,118	231	---	15.5	---	---	1,363	2	---	39	17	---
Wild hay	115,616	2,000	1,000	---	1.7	0.9	---	35	15	---	35	30	---
Close-growing crops	1,576,175	311,427	1,481	---	19.8	0.1	---	6,782	22	---	44	30	---
Tame hay and cropland pasture	1,684,167	104,625	263,344	---	6.2	15.6	---	1,793	8,027	---	34	61	---
Improved permanent pasture	9,559,783	12,367	13,867	---	0.1	0.1	---	347	405	---	56	58	---
Hay and pasture	11,243,950	116,992	277,211	---	1.0	2.5	---	2,140	8,432	---	37	61	---
Total	13,654,375	850,603	702,196	36,556	6.2	5.1	0.3	24,800	20,837	610	58	59	33
ASR-95, PORTION IN:													
Arizona:													
Corn	23,300	7,013	1,345	---	30.1	5.8	---	148	12	---	42	18	---
Sorghum	1,800	935	470	18	51.9	26.1	1.0	34	9	---	73	38	20
Dry beans	3,000	---	---	---	---	---	---	---	---	---	---	---	---
Cotton	400	370	95	29	92.5	23.8	7.2	29	3	---	157	63	20
Vegetables	250	169	98	21	67.6	39.2	8.4	6	2	---	71	41	---
Potatoes	200	134	134	50	67.0	67.0	25.0	4	3	1	60	45	40
All fruit	1,600	630	526	---	39.4	32.9	---	63	37	---	200	141	---
Miscellaneous	400	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	30,950	9,251	2,668	118	29.9	8.6	0.4	284	66	1	61	49	17
Wheat	8,800	2,955	1,385	15	33.6	15.7	0.2	81	20	---	55	29	15
Oats	2,900	605	365	10	20.9	12.6	0.3	21	6	---	69	33	15
Barley	2,200	1,292	745	17	58.7	33.9	0.8	43	12	---	67	32	15
Soil improvement crop	5,100	---	---	---	---	---	---	---	---	---	---	---	---
Seed crops	150	150	150	---	100.0	100.0	---	19	5	---	253	67	---
Wild hay	500	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	19,650	5,002	2,645	42	25.5	13.5	0.2	164	43	---	66	33	15
Tame hay and cropland pasture	46,550	8,932	9,105	---	19.2	19.6	---	267	194	---	60	43	---
Improved permanent pasture	17,677,000	225	113	---	---	---	---	7	4	---	62	71	---
Hay and pasture	17,723,550	9,157	9,218	---	0.1	0.1	---	274	198	---	60	43	---
Total	17,774,150	23,410	14,531	160	0.1	0.1	---	722	307	1	62	42	13

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
California:													
Corn	2,828	625	116	---	22.1	4.1	---	24	4	---	77	69	---
Sorghum	1,014	720	388	---	71.0	38.3	---	33	8	---	92	41	---
Dry lima beans	125	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	52	46	---	---	88.5	---	---	2	---	---	87	---	---
Vegetables	1,763	780	537	54	44.2	30.5	3.1	23	27	1	59	101	37
Potatoes	9,411	7,879	7,533	220	83.7	80.0	2.3	449	508	7	114	135	64
Nursery and greenhouse	431	428	208	208	99.3	48.3	48.3	22	5	5	103	48	48
Small fruits	10	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	27,383	17,974	3,682	3,623	65.6	13.4	13.2	521	105	119	58	57	66
Miscellaneous	11,138	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	54,155	28,452	12,464	4,105	52.5	23.0	7.6	1,074	657	132	75	105	64
Wheat	43,727	26,252	9,831	---	60.0	22.5	---	513	116	---	39	24	---
Rice	5,515	3,612	1,354	---	65.5	24.6	---	90	27	---	50	40	---
Oats	17,908	11,348	5,913	---	63.4	33.0	---	138	61	---	24	21	---
Barley	56,916	38,154	13,138	---	67.0	23.1	---	722	257	---	38	39	---
Alfalfa seed	782	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	55,259	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	180,107	79,366	30,236	---	44.1	16.8	---	1,463	461	---	37	30	---
Tame hay and cropland pasture	616,455	36,666	25,020	87	5.9	4.1	---	813	597	2	44	48	46
Improved permanent pasture	3,165,928	14,147	16,447	---	0.4	0.5	---	287	509	---	41	62	---
Hay and pasture	3,782,383	50,813	41,467	87	1.3	1.1	---	1,100	1,106	2	43	53	46
Total	4,016,645	158,631	84,167	4,192	3.9	2.1	0.1	3,637	2,224	134	46	53	64
Nevada:													
Corn	4,170	3,753	3,753	---	90.0	90.0	---	120	150	---	64	80	---
Dry beans	1	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	458	458	458	---	100.0	100.0	---	9	11	---	39	48	---
Vegetables	1,788	1,235	1,235	---	69.1	69.1	---	98	123	---	159	199	---
Potatoes	1,233	1,233	1,233	1,233	100.0	100.0	100.0	27	27	27	44	44	44
Nursery and greenhouse	194	194	194	---	100.0	100.0	---	6	8	---	62	82	---
All fruit	424	---	---	---	---	---	---	---	---	---	---	---	---
Miscellaneous	4,115	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	12,383	6,873	6,873	1,233	55.5	55.5	10.0	260	319	27	76	93	44
Wheat	19,984	15,321	15,321	---	76.7	76.7	---	290	300	---	38	39	---
Rye	164	---	---	---	---	---	---	---	---	---	---	---	---
Oats	2,320	1,392	1,392	---	60.0	60.0	---	33	42	---	47	60	---
Barley	11,835	5,526	5,526	---	46.7	46.7	---	145	181	---	52	66	---
Alfalfa seed	1,016	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	102,893	1,795	1,795	---	1.7	1.7	---	14	18	---	16	20	---
Close-growing crops	138,212	24,034	24,034	---	17.4	17.4	---	482	541	---	40	45	---
Tame hay and cropland pasture	540,330	22,262	22,262	---	4.1	4.1	---	356	445	---	32	40	---
Improved permanent pasture	9,529,528	1,052	1,052	---	---	---	---	17	21	---	32	40	---
Hay and pasture	10,059,858	23,314	23,314	---	0.2	0.2	---	373	466	---	32	40	---
Total	10,210,453	54,221	54,221	1,233	0.5	0.5	---	1,115	1,326	27	41	49	44
Oregon:													
Corn	18,237	14,162	14,162	1,027	77.7	77.7	5.6	820	327	23	116	46	55
Dry peas	5,096	59	259	---	1.2	5.1	---	1	3	---	34	23	---
Sugar beets	17,865	14,493	14,493	1,853	81.1	81.1	10.4	977	487	57	135	67	62
Vegetables	9,955	2,708	2,283	894	27.2	22.9	9.0	96	56	22	71	49	49
Potatoes	29,871	27,190	27,106	8,328	91.0	90.7	27.9	2,146	1,565	262	158	115	63
Hops	176	88	88	88	50.0	50.0	50.0	2	2	5	45	45	114
Mint	2,989	2,462	2,462	2,233	82.4	82.4	74.7	158	79	58	128	64	52
Nursery and greenhouse	369	226	72	73	61.2	19.5	19.7	5	3	3	44	83	82
Tree fruits	1,951	301	231	29	15.4	11.8	1.5	6	4	1	40	35	69
Small fruits	57	31	24	24	54.4	42.1	42.1	4	1	2	258	83	167
Miscellaneous	37,649	7,158	2,893	228	19.0	7.7	0.6	128	48	3	36	33	26
Intertilled crops	124,215	68,878	64,073	14,777	55.5	51.6	11.9	4,343	2,575	441	126	80	60
Wheat	133,892	66,930	25,831	---	50.0	19.3	---	1,717	372	---	51	29	---
Rye	6,953	---	---	---	---	---	---	---	---	---	---	---	---
Oats	45,594	13,572	7,002	772	29.8	15.4	1.7	352	121	15	52	35	39
Barley	121,655	42,288	16,235	660	34.8	13.3	0.5	1,017	278	15	48	34	45
Wild hay	212,539	10,289	10,289	265	4.8	4.8	0.1	305	291	5	59	57	38
Close-growing crops	520,633	133,079	59,357	1,697	25.6	11.4	0.3	3,391	1,062	35	51	36	41
Tame hay and cropland pasture	827,557	45,726	45,696	622	5.5	5.5	0.1	1,858	1,148	13	81	50	42
Improved permanent pasture	8,164,057	12,207	6,103	102	0.1	0.1	---	187	180	3	31	59	59
Hay and pasture	8,991,614	57,933	51,799	724	0.6	0.6	---	2,045	1,328	16	71	51	44
Total	9,636,462	259,890	175,229	17,198	2.7	1.8	0.2	9,779	4,965	492	75	57	57

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Utah:													
Corn	14,701	3,888	---	---	26.4	---	---	117	---	---	60	---	---
Dry beans	4,965	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	1,378	1,235	1,235	---	89.6	89.6	---	80	53	---	130	86	---
Vegetables	1,506	227	227	---	15.1	15.1	---	4	4	---	35	35	---
Potatoes	5,053	3,731	3,731	---	73.8	73.8	---	112	132	---	60	71	---
Nursery and greenhouse	9	---	---	---	---	---	---	---	---	---	---	---	---
All fruit	1,726	1,062	1,062	---	61.5	61.5	---	15	13	---	28	24	---
Miscellaneous	12,430	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	41,768	10,143	6,255	---	24.3	15.0	---	328	202	---	65	65	---
Wheat	56,183	1,963	---	---	3.5	---	---	39	---	---	40	---	---
Rye	977	---	---	---	---	---	---	---	---	---	---	---	---
Oats	7,785	---	---	---	---	---	---	---	---	---	---	---	---
Barley	34,718	5,833	532	---	16.8	1.5	---	111	11	---	38	41	---
Wild hay	13,332	200	---	---	1.5	---	---	3	---	---	30	---	---
Close-growing crops	112,995	7,996	532	---	7.1	0.5	---	153	11	---	38	41	---
Tame hay and cropland pasture	442,921	4,080	30,160	---	0.9	6.8	---	123	1,149	---	60	76	---
Improved permanent pasture	4,548,799	1,839	1,839	---	---	---	---	37	50	---	40	54	---
Hay and pasture	4,991,720	5,919	31,999	---	0.1	0.6	---	160	1,200	---	54	75	---
Total	5,146,483	24,058	38,786	---	0.5	0.8	---	641	1,412	---	53	73	---
Total:													
Corn	63,236	29,441	19,376	1,027	46.6	30.6	1.6	1,229	493	28	83	51	55
Sorghum	2,814	1,655	858	18	58.8	30.5	0.6	67	17	---	81	40	20
Dry lima beans	125	---	---	---	---	---	---	---	---	---	---	---	---
Dry beans	8,018	46	---	---	0.6	---	---	2	---	---	87	---	---
Dry peas	5,096	59	259	---	1.2	5.1	---	1	3	---	34	23	---
Cotton	400	370	95	29	92.5	23.8	7.3	29	3	---	157	63	20
Sugar beets	19,701	16,186	16,186	1,853	82.2	82.2	9.4	1,066	551	57	132	68	62
Vegetables	15,252	5,119	4,380	969	33.5	28.7	6.3	227	212	23	89	97	47
Potatoes	45,768	40,167	39,737	9,831	87.8	86.8	21.5	2,738	2,235	297	136	112	60
Hops	176	88	88	88	50.0	50.0	50.0	2	2	5	45	45	114
Mint	2,989	2,462	2,462	2,233	82.4	82.4	74.7	158	79	58	128	64	52
Nursery and greenhouse	1,003	848	474	281	84.5	47.3	28.0	33	16	8	78	68	57
All fruit	33,151	19,998	5,525	3,676	60.3	16.7	11.1	609	160	122	61	58	66
Miscellaneous	65,732	7,158	2,893	228	10.9	4.4	0.3	128	48	3	36	33	26
Intertilled crops	263,471	123,597	92,333	20,233	46.9	35.0	7.7	6,289	3,819	601	102	83	59
Wheat	262,586	113,421	52,368	15	43.2	19.9	---	2,640	908	---	47	31	15
Rye	8,094	---	---	---	---	---	---	---	---	---	---	---	---
Rice	5,515	3,612	1,354	---	65.5	24.6	---	90	27	---	50	40	---
Oats	76,507	26,917	14,672	782	35.2	19.2	1.0	544	230	15	40	31	38
Barley	227,324	93,093	36,176	677	40.9	15.9	0.3	2,039	738	15	44	41	44
Soil improvement crop	5,100	---	---	---	---	---	---	---	---	---	---	---	---
Seed crops	150	150	150	---	100.0	100.0	---	19	5	---	253	67	---
Alfalfa seed	1,798	---	---	---	---	---	---	---	---	---	---	---	---
Wild hay	384,523	12,284	12,084	265	3.2	3.1	0.1	322	309	5	52	51	38
Close-growing crops	971,597	249,477	116,804	1,739	25.7	12.0	0.2	5,654	2,117	35	45	36	40
Tame hay and cropland pasture	2,473,813	117,666	132,243	709	4.8	5.3	---	3,416	3,533	15	58	53	42
Improved permanent pasture	43,075,312	29,470	25,554	102	0.1	0.1	---	535	765	3	36	60	59
Hay and pasture	45,549,125	147,136	157,797	811	0.3	0.3	---	3,951	4,298	18	54	54	44
Total	46,784,193	520,210	366,934	22,783	1.1	0.8	---	15,894	10,234	654	61	56	57
ASR-96, PORTION IN:													
California:													
Corn	13,228	12,295	7,848	255	92.9	59.3	1.9	957	183	6	156	47	47
Sorghum	25,284	24,634	1,620	---	97.4	6.4	---	2,112	53	---	171	65	---
Dry lima beans	45,230	12,337	9,473	8,638	27.3	20.9	19.1	614	453	216	160	96	50
Dry beans	24,733	4,735	1,437	---	19.1	5.8	---	157	33	---	66	46	---
Cotton	74,105	74,105	71,162	---	100.0	96.0	---	8,378	3,354	---	226	94	---
Sugar beets	46,678	45,255	42,170	274	97.0	90.3	0.6	5,342	2,093	1	236	99	7
Vegetables	200,202	197,756	179,436	67,052	98.8	89.6	33.5	16,603	11,956	2,983	168	133	89
Potatoes	15,377	15,282	13,934	5,968	99.4	90.6	38.8	1,440	784	204	188	113	68
Sweet potatoes	2,784	2,736	734	332	98.3	26.4	11.9	124	22	8	91	60	48
Nursery and greenhouse	16,122	16,122	14,803	12,627	100.0	91.8	78.3	2,082	1,028	637	258	139	101
Small fruits	2,768	2,768	2,768	2,768	100.0	100.0	100.0	399	211	172	288	152	124
Tree fruits	283,286	223,536	41,903	24,895	78.9	14.8	8.8	15,361	3,265	1,456	137	156	117
Intertilled crops	749,797	631,561	387,288	122,809	84.2	51.7	16.4	53,569	23,435	5,683	170	121	93
Wheat	37,937	6,900	2,577	---	18.2	6.8	---	327	61	---	95	47	---
Rice	349	---	---	---	---	---	---	---	---	---	---	---	---
Oats	13,122	3,670	2,625	---	28.0	20.0	---	161	62	---	88	47	---
Barley	185,272	115,642	89,058	---	62.4	48.1	---	6,355	2,483	---	110	56	---
Flaxseed	26,199	26,199	26,199	---	100.0	100.0	---	1,965	1,048	---	150	80	---
Alfalfa seed	19,918	95	14,858	---	0.5	74.6	---	2	564	---	42	76	---
Wild hay	1,316	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	284,113	152,506	135,317	---	53.7	47.6	---	8,810	4,218	---	116	62	---

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Tame hay and cropland pasture	701,885	61,078	184,466	1,092	8.7	26.3	0.2	2,020	6,739	31	66	73	57
Improved permanent pasture	2,409,730	14,615	10,230	---	0.6	0.4	---	365	205	---	50	40	---
Hay and pasture	3,111,615	75,693	194,696	1,092	2.4	6.3	---	2,385	6,944	31	63	71	57
Total	4,145,525	859,760	717,301	123,901	20.7	17.3	3.0	64,764	34,597	5,714	151	96	92
ASR-97, PORTION IN:													
California:													
Corn	217,886	185,367	75,790	7,827	85.1	34.8	3.6	9,662	1,856	117	104	49	30
Sorghum	195,760	135,740	30,037	367	69.3	15.3	0.2	6,092	654	5	90	44	27
Dry lima beans	43,471	3,830	4,949	2,126	8.8	11.4	4.9	74	116	35	39	47	33
Dry beans	82,410	27,155	7,212	1,755	33.0	8.8	2.1	1,194	186	27	88	52	31
Cotton	745,457	679,503	218,727	31,444	91.2	29.3	4.2	35,890	6,067	1,522	106	55	97
Sugar beets	112,952	108,113	33,603	3,710	95.7	29.7	3.3	6,808	908	70	126	54	38
Vegetables	271,317	187,885	129,430	34,228	69.2	47.7	12.6	9,226	4,253	992	98	66	58
Potatoes	55,164	52,996	27,042	25,683	96.1	49.0	46.6	4,065	1,916	1,876	153	142	146
Sweet potatoes	5,705	5,058	3,147	2,886	88.7	55.2	50.6	224	105	107	89	67	74
Nursery and greenhouse	8,787	5,318	3,116	2,599	60.5	35.5	29.6	321	152	128	121	98	98
Small fruits	1,342	1,279	1,164	1,154	95.3	86.7	86.0	111	58	74	174	100	128
Tree fruits	870,379	679,889	89,685	85,699	78.1	10.3	9.8	28,712	2,903	2,548	84	65	59
Intertilled crops	2,610,630	2,072,133	623,902	199,478	79.4	23.9	7.6	102,379	19,174	7,501	99	61	75
Wheat	152,095	89,106	38,004	---	58.6	25.0	---	2,220	543	---	50	29	---
Rice	294,841	285,034	44,946	230	96.7	15.2	0.1	10,518	820	12	74	37	104
Oats	64,491	45,949	19,589	---	71.2	30.4	---	857	266	---	37	27	---
Barley	1,018,636	710,291	275,342	---	69.7	27.0	---	22,947	5,338	---	65	39	---
Flaxseed	8,069	334	---	---	4.1	---	---	13	---	---	78	---	---
Safflower	113,390	99,640	5,048	---	87.9	4.5	---	3,637	63	---	73	25	---
Alfalfa seed	108,820	217	11,684	5	0.2	10.7	---	6	476	---	55	81	40
Other field crops	12,000	600	9,000	---	5.0	75.0	---	12	315	---	40	70	---
Wild hay	20,416	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	1,792,758	1,231,171	403,613	235	68.7	22.5	---	40,210	7,821	12	65	39	102
Tame hay and cropland pasture	2,266,316	188,879	213,439	8,680	8.3	9.4	0.4	4,538	7,450	187	48	70	43
Improved permanent pasture	6,906,017	56,993	51,357	---	0.8	0.7	---	1,794	930	---	63	36	---
Hay and pasture	9,172,333	245,872	264,796	8,680	2.7	2.9	0.1	6,332	8,380	187	52	63	43
Total	13,575,721	3,549,176	1,292,311	208,393	26.1	9.5	1.5	148,921	35,375	7,700	84	55	74
ASR-98, PORTION IN:													
California:													
Corn	20,357	12,757	9,501	1,095	62.7	46.7	5.4	717	401	45	112	84	82
Sorghum	19,842	15,131	7,144	722	76.3	36.0	3.6	946	315	22	125	88	60
Dry lima beans	5,222	687	1,723	17	13.2	33.0	0.3	24	76	---	70	88	35
Dry beans	45,843	5,925	9,120	2,085	12.9	19.9	4.5	173	229	49	58	50	47
Cotton	1,733	1,613	1,613	1,613	93.1	93.1	93.1	48	32	40	60	40	50
Sugar beets	45,824	43,070	29,873	5,077	94.0	65.2	11.1	3,204	1,077	127	149	72	50
Vegetables	187,899	136,737	128,014	60,498	72.8	68.1	32.2	11,044	5,516	1,894	162	86	63
Potatoes	5,345	4,790	4,790	3,464	89.6	89.6	64.8	349	235	162	146	98	94
Nursery and greenhouse	50,630	6,693	5,853	4,926	13.2	11.6	9.7	851	398	240	254	136	97
Small fruits	7,182	7,083	6,547	5,725	98.6	91.2	79.7	620	392	210	175	120	73
Tree fruits	218,306	156,069	45,214	35,822	71.5	20.7	16.4	6,817	1,831	3,601	87	81	201
Intertilled crops	608,183	390,555	249,392	121,044	64.2	41.0	19.9	24,793	10,502	6,390	127	84	106
Wheat	106,296	12,506	2,167	---	11.8	2.0	---	179	39	---	29	36	---
Rice	1,351	---	---	---	---	---	---	---	---	---	---	---	---
Oats	32,722	7,018	3,181	712	21.4	9.7	2.2	115	62	10	33	39	28
Barley	229,219	34,451	20,582	206	15.0	9.0	0.1	575	231	2	33	22	19
Safflower	3,650	3,650	730	---	100.0	20.0	---	146	16	---	80	44	---
Alfalfa seed	2,078	754	1,014	52	36.3	48.8	2.5	15	29	1	40	57	38
Wild hay	17,738	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	393,054	58,379	27,674	970	14.9	7.0	0.2	1,030	377	13	35	27	27
Tame hay and cropland pasture	764,876	41,838	43,971	2,653	5.5	5.7	0.3	1,042	1,093	17	50	50	13
Improved permanent pasture	3,950,064	25,692	29,744	201	0.7	0.8	---	572	935	4	45	63	40
Hay and pasture	4,714,940	67,530	73,715	2,854	1.4	1.6	0.1	1,614	2,028	21	48	55	15
Total	5,716,177	516,464	350,781	124,869	9.0	6.1	2.2	27,437	12,907	6,424	106	74	103
ASR-99, PORTION IN:													
California:													
Corn	1,272	609	313	52	47.9	24.6	4.1	19	11	1	62	70	38
Sorghum	704	220	54	4	31.2	7.7	0.6	6	2	---	54	70	50
Dry beans	3	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	950	---	---	---	---	---	---	---	---	---	---	---	---
Potatoes	396	68	68	68	17.2	17.2	17.2	3	3	2	82	74	53
Nursery and greenhouse	286	277	277	276	96.9	96.9	96.5	14	23	20	98	167	70
Small fruits	5	---	---	---	---	---	---	---	---	---	---	---	---
Tree fruits	29,071	20,320	3,457	3,137	69.9	11.9	10.8	1,044	108	96	103	63	61
Miscellaneous	1,094	---	---	---	---	---	---	---	---	---	---	---	---
Intertilled crops	33,781	21,494	4,169	3,537	63.6	12.3	10.5	1,086	147	119	101	71	67

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	668	412	35	---	61.7	5.2	---	10	1	---	49	69	---
Rice	76	---	---	---	---	---	---	---	---	---	---	---	---
Oats	596	344	33	---	57.7	5.5	---	8	1	---	48	67	---
Barley	2,166	1,219	165	---	56.3	7.6	---	29	5	---	39	61	---
Safflower	46	5	---	---	10.9	---	---	---	---	---	80	---	---
Wild hay	3,254	---	---	---	---	---	---	---	---	---	---	---	---
Close-growing crops	6,806	1,980	233	---	29.1	3.4	---	47	7	---	47	60	---
Tame hay and cropland pasture	276,085	17,471	15,862	780	6.3	5.7	0.3	392	480	21	45	61	54
Improved permanent pasture	788,516	9,230	9,230	250	1.2	1.2	---	211	271	6	46	60	50
Hay and pasture	1,064,601	26,701	25,092	1,030	2.5	2.4	0.1	603	757	27	45	60	52
Total	1,105,188	50,175	29,494	4,567	4.5	2.7	0.4	1,736	911	146	69	62	64
Oregon:													
Corn	28,402	27,090	27,090	6,720	95.4	95.4	23.7	1,077	544	134	80	40	40
Dry peas	197	---	---	---	---	---	---	---	---	---	---	---	---
Sugar beets	1	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	47,055	44,513	44,513	20,845	94.6	94.6	44.3	2,091	1,748	850	94	79	82
Potatoes	4,122	3,302	3,302	3,302	80.1	80.1	80.1	66	198	99	40	120	60
Hops	5,049	4,667	4,667	2,667	92.4	92.4	52.8	177	97	77	76	42	58
Mint	11,805	11,410	7,778	4,172	96.7	65.9	35.3	687	259	136	120	67	65
Nursery and greenhouse	11,274	11,274	11,274	5,452	100.0	100.0	48.4	248	356	167	44	63	61
Small fruits	13,562	10,076	10,076	7,042	74.3	74.3	51.9	101	253	201	20	50	57
Tree fruits	87,993	69,598	---	---	79.1	---	---	2,226	---	---	64	---	---
Miscellaneous	323,029	193,332	48,634	96,370	59.8	15.1	29.8	4,840	1,393	959	50	57	20
Intertilled crops	532,489	375,262	157,334	146,570	70.5	29.5	27.5	11,513	4,848	2,623	61	62	36
Wheat	92,783	69,673	14,211	---	75.1	15.3	---	1,565	181	---	45	25	---
Rye	5,788	---	---	---	---	---	---	---	---	---	---	---	---
Oats	98,214	65,470	100	---	66.7	0.1	---	1,307	1	---	40	20	---
Barley	158,144	134,331	26,721	---	84.9	16.9	---	2,650	351	---	39	26	---
Wild hay	23,677	2,000	1,000	---	8.4	4.2	---	30	20	---	30	40	---
Close-growing crops	378,606	271,474	42,032	---	71.7	11.1	---	5,552	553	---	41	26	---
Tame hay and cropland pasture	713,398	145,742	62,949	20,693	20.4	8.8	2.9	3,337	1,620	475	46	51	46
Improved permanent pasture	706,747	30,896	20,839	1,260	4.4	2.9	0.2	669	597	32	43	57	51
Hay and pasture	1,420,145	176,638	83,788	21,953	12.4	5.9	1.5	4,006	2,217	507	45	53	46
Total	2,331,240	823,374	283,154	168,523	35.3	12.1	7.2	21,071	7,618	3,130	51	54	37
Washington:													
Corn	4,429	4,000	4,000	4,000	90.3	90.3	90.3	120	198	120	60	99	60
Dry beans	152	152	152	76	100.0	100.0	50.0	2	6	2	26	79	53
Dry peas	1,016	---	900	450	---	88.6	44.3	---	41	9	---	91	40
Vegetables	38,626	32,000	32,000	32,000	82.8	82.8	82.8	1,230	2,350	1,170	77	147	73
Potatoes	4,271	4,200	4,200	4,200	98.3	98.3	98.3	84	420	252	40	200	120
Hops	130	130	130	89	100.0	100.0	68.5	5	4	2	77	62	45
Mint	1,103	1,103	1,103	1,103	100.0	100.0	100.0	66	50	33	120	91	60
Nursery and greenhouse	5,145	4,750	4,750	2,840	92.3	92.3	55.2	95	238	71	40	100	50
Small fruits	11,456	8,000	8,000	8,000	69.8	69.8	69.8	80	400	128	20	100	32
Tree fruits	7,172	2,500	2,500	1,040	34.9	34.9	14.5	38	56	13	30	45	25
Intertilled crops	73,500	56,835	57,735	53,798	77.3	78.6	73.2	1,720	3,763	1,800	61	130	67
Wheat	8,088	3,457	3,457	864	42.7	42.7	10.7	69	52	9	40	30	21
Rye	792	100	---	---	12.6	---	---	1	---	---	20	---	---
Oats	40,262	11,813	11,813	---	29.3	29.3	---	118	89	---	20	15	---
Barley	10,353	3,233	3,233	808	31.2	31.2	7.8	57	48	8	35	30	20
Wild hay	19,537	800	800	800	4.1	4.1	4.1	12	4	4	30	10	10
Close-growing crops	79,032	19,403	19,303	2,472	24.6	24.4	3.1	257	193	21	26	20	17
Tame hay and cropland pasture	610,67?	106,040	127,581	127,581	17.4	20.9	20.9	2,651	4,465	2,807	50	70	44
Improved permanent pasture	167,0?	12,400	16,552	16,552	7.4	9.9	9.9	372	579	372	60	70	45
Hay and pasture	777,735	118,440	144,133	144,133	15.2	18.5	18.5	3,023	5,044	3,179	51	70	44
Total	930,267	194,678	221,171	200,403	20.9	23.8	21.5	5,000	9,000	5,000	51	81	50
Total:													
Corn	34,103	31,699	31,403	10,772	93.0	92.1	31.6	1,216	753	255	77	48	47
Sorghum	704	220	54	4	31.2	7.7	0.6	6	2	---	55	74	50
Dry beans	155	152	152	76	98.1	98.1	49.0	2	6	2	26	79	53
Dry peas	1,213	---	900	450	---	74.2	37.1	---	41	9	---	91	40
Sugar beets	1	---	---	---	---	---	---	---	---	---	---	---	---
Vegetables	86,631	76,513	76,513	52,845	88.3	88.3	61.0	3,321	4,098	2,020	87	107	76
Potatoes	8,789	7,570	7,570	7,570	86.1	86.1	86.1	153	621	353	40	164	93
Hops	5,179	4,797	4,797	2,756	92.6	92.6	53.2	182	101	79	76	42	57
Mint	12,908	12,513	8,881	5,275	96.9	68.8	40.9	753	309	169	120	70	64
Nursery and greenhouse	16,705	16,301	16,301	8,568	97.6	97.6	51.3	357	617	258	44	76	60
Small fruits	25,023	18,076	18,076	15,042	72.2	72.2	60.1	181	653	329	20	72	44
Tree fruits	124,236	92,418	5,957	4,177	74.4	4.8	3.4	3,308	164	109	72	55	52
Miscellaneous	324,123	193,332	48,634	96,370	59.6	15.0	29.7	4,840	1,393	959	50	57	20
Intertilled crops	639,770	453,591	219,238	203,905	70.9	34.3	31.9	14,319	8,758	4,542	63	80	45

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Table 3.--Fertilizer use on all crops and pasture, agricultural subregions by State parts, 1959--Continued

Subregions, State part, and crop	Acreage harvested	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
		N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Wheat	101,539	73,542	17,703	864	72.4	17.4	0.8	1,644	234	9	45	26	21
Rye	6,580	100	---	---	1.5	---	---	1	---	---	20	---	---
Rice	76	---	---	---	---	---	---	---	---	---	---	---	---
Oats	139,072	77,627	11,946	---	55.8	8.6	---	1,433	91	---	37	15	---
Barley	170,663	138,783	30,119	808	81.3	17.6	0.5	2,736	404	8	39	27	20
Safflower	46	5	---	---	10.9	---	---	---	---	---	80	---	---
Wild hay	46,468	2,800	1,800	800	6.0	3.9	1.7	42	24	4	30	27	10
Close-growing crops	464,444	292,857	61,568	2,472	63.1	13.3	0.5	5,856	753	21	40	24	17
Tame hay and cropland pasture	1,600,156	269,253	206,392	149,054	16.8	12.9	9.3	6,380	6,565	3,303	47	64	44
Improved permanent pasture	1,662,325	52,526	46,621	18,062	3.2	2.8	1.1	1,252	1,453	410	48	62	45
Hay and pasture	3,262,481	321,779	253,013	167,116	9.9	7.8	5.1	7,632	8,018	3,713	47	63	44
Total	4,366,695	1,068,227	533,819	373,493	24.5	12.2	8.6	27,807	17,529	8,276	52	66	44

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-2														
Connecticut:														
Tobacco	8,235	90.0	8,235	8,235	8,235	100.0	100.0	100.0	1,062	531	848	258	129	206
Vegetables	6,800	70.3	6,800	6,800	6,800	100.0	100.0	100.0	374	408	408	110	120	120
Potatoes	4,080	60.9	4,080	4,080	4,080	100.0	100.0	100.0	408	408	408	200	200	200
Nursery and greenhouse	810	21.9	810	810	810	100.0	100.0	100.0	31	40	45	77	99	111
Intertilled crops	19,925	68.2	19,925	19,925	19,925	100.0	100.0	100.0	1,875	1,387	1,709	188	139	172
Total	19,925	68.2	19,925	19,925	19,925	100.0	100.0	100.0	1,875	1,387	1,709	188	139	172
Rhode Island:														
Vegetables	800	53.5	800	800	800	100.0	100.0	100.0	40	80	80	100	200	200
Potatoes	400	8.2	400	400	400	100.0	100.0	100.0	26	39	39	130	195	195
Nursery and greenhouse	100	4.6	100	100	100	100.0	100.0	100.0	5	5	5	100	100	100
Intertilled crops	1,300	15.1	1,300	1,300	1,300	100.0	100.0	100.0	71	124	124	109	191	191
Tame hay and cropland pasture	200	.6	200	200	200	100.0	100.0	100.0	3	6	6	30	60	60
Total	1,500	3.5	1,500	1,500	1,500	100.0	100.0	100.0	74	130	130	99	173	173
Total ASR-2:														
Tobacco	8,235	90.0	8,235	8,235	8,235	100.0	100.0	100.0	1,062	531	848	258	129	206
Vegetables	7,600	68.1	7,600	7,600	7,600	100.0	100.0	100.0	414	488	488	109	129	128
Potatoes	4,480	38.6	4,480	4,480	4,480	100.0	100.0	100.0	434	447	447	194	200	200
Nursery and greenhouse	910	15.4	910	910	910	100.0	100.0	100.0	36	45	50	79	99	110
Intertilled crops	21,225	56.1	21,225	21,225	21,225	100.0	100.0	100.0	1,946	1,511	1,833	183	142	173
Tame hay and cropland pasture	200	.6	200	200	200	100.0	100.0	100.0	3	6	6	30	60	60
Total	21,425	29.5	21,425	21,425	21,425	100.0	100.0	100.0	1,949	1,517	1,839	182	142	172
ASR-3														
Connecticut:														
Vegetables	500	67.3	500	500	500	100.0	100.0	100.0	28	30	30	112	120	120
Nursery and greenhouse	274	21.9	274	274	274	100.0	100.0	100.0	10	13	15	73	95	109
Intertilled crops	774	38.8	774	774	774	100.0	100.0	100.0	38	43	45	98	111	116
Total	774	38.8	774	774	774	100.0	100.0	100.0	38	43	45	98	111	116
ASR-20														
Ohio:														
Corn	54	---	54	54	54	100.0	100.0	100.0	1	1	1	37	37	37
Vegetables	2,259	10.4	2,259	2,259	2,259	100.0	100.0	100.0	90	90	90	80	80	80
Potatoes	265	3.7	265	265	265	100.0	100.0	100.0	4	16	16	30	121	121
Nursery and greenhouse	627	6.8	627	627	627	100.0	100.0	100.0	31	31	31	99	99	99
Small fruits	44	3.9	44	44	9	100.0	100.0	20.5	1	1	---	45	45	10
Tree fruits	209	.8	209	209	209	100.0	100.0	100.0	4	1	1	38	10	10
Intertilled crops	3,458	.7	3,458	3,458	3,423	100.0	100.0	99.0	131	140	139	76	81	81
Improved permanent pasture	218	.4	109	196	196	50.0	89.9	89.9	3	5	5	55	51	51
Total	3,676	.7	3,567	3,654	3,619	97.0	99.4	98.4	134	145	144	75	79	80
ASR-21														
Ohio:														
Corn	61	---	61	61	61	100.0	100.0	100.0	1	1	1	33	33	33
Vegetables	434	26.5	434	434	434	100.0	100.0	100.0	17	17	17	78	78	78
Potatoes	173	12.6	173	173	173	100.0	100.0	100.0	3	10	10	35	116	116
Nursery and greenhouse	68	5.6	68	68	68	100.0	100.0	100.0	3	3	3	88	88	88
Small fruits	11	4.3	11	11	2	100.0	100.0	18.2	---	---	---	50	50	50
Tree fruits	24	.3	24	24	24	100.0	100.0	100.0	---	---	---	40	5	5
Intertilled crops	771	.2	771	771	762	100.0	100.0	98.8	24	31	31	62	80	81
Improved permanent pasture	65	.1	32	58	58	49.3	89.2	89.2	1	1	1	62	34	34
Total	836	.2	803	829	820	96.1	99.2	98.1	25	32	32	62	77	78

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-22														
Ohio:														
Corn	120	0.1	120	120	120	100.0	100.0	100.0	2	3	2	33	50	33
Vegetables	615	13.9	615	615	615	100.0	100.0	100.0	25	25	25	81	81	81
Potatoes	240	21.1	240	240	240	100.0	100.0	100.0	4	14	14	33	117	117
Nursery and greenhouse	94	29.4	94	94	94	100.0	100.0	100.0	5	5	5	106	106	106
Small fruits	11	6.8	11	11	2	100.0	100.0	18.2	---	---	---	50	50	10
Tree fruits	14	.3	14	14	14	100.0	100.0	100.0	---	---	---	40	5	5
Intertilled crops	1,094	.8	1,094	1,094	1,085	100.0	100.0	99.2	36	47	46	66	86	85
Improved permanent pasture	100	.1	50	90	90	50.0	90.0	90.0	2	2	2	80	44	44
Total	1,194	.5	1,144	1,184	1,175	95.8	99.2	98.4	38	49	48	66	83	82
ASR-31														
Alabama:														
Corn	350	.5	350	350	350	100.0	100.0	100.0	14	7	7	80	40	40
Cotton	250	2.3	250	250	250	100.0	100.0	100.0	10	10	10	80	80	80
Other intertilled crops	3,930	5.9	3,930	3,930	3,930	100.0	100.0	100.0	275	275	275	140	140	140
Intertilled crops	4,530	3.1	4,530	4,530	4,530	100.0	100.0	100.0	299	292	292	132	129	129
Improved permanent pasture	250	.9	250	250	250	100.0	100.0	100.0	7	7	7	56	56	56
Total	4,780	2.8	4,780	4,780	4,780	100.0	100.0	100.0	306	299	299	128	125	125
Louisiana:														
Corn	253	.6	253	253	253	100.0	100.0	100.0	7	4	3	55	32	24
Soybeans	226	8.0	200	226	226	88.5	100.0	100.0	1	6	6	10	53	53
Vegetables	1,074	14.8	1,074	1,074	1,074	100.0	100.0	100.0	45	50	25	84	93	47
Small fruits	2,993	60.9	2,993	2,993	2,993	100.0	100.0	100.0	95	192	95	63	128	63
Intertilled crops	4,546	8.0	4,520	4,546	4,546	99.4	100.0	100.0	148	252	129	65	111	57
Rice (close-growing crop)	690	100.0	669	400	400	96.9	58.0	58.0	9	5	3	27	25	15
Tame hay and cropland pasture	13	---	13	13	13	100.0	100.0	100.0	---	---	---	55	40	36
Improved permanent pasture	494	.8	494	494	450	100.0	100.0	91.1	13	11	9	53	45	40
Hay and pasture	507	.2	507	507	463	100.0	100.0	91.3	13	11	9	51	43	39
Total	5,743	1.5	5,696	5,453	5,409	99.2	95.0	94.2	170	268	141	60	98	52
Total ASR-31:														
Corn	603	.5	603	603	603	100.0	100.0	100.0	21	11	10	70	36	33
Soybeans	226	8.0	200	226	226	88.5	100.0	100.0	1	6	6	10	53	53
Cotton	250	2.3	250	250	250	100.0	100.0	100.0	10	10	10	80	80	80
Vegetables	1,074	14.8	1,074	1,074	1,074	100.0	100.0	100.0	45	50	25	84	93	47
Small fruits	2,993	60.9	2,993	2,993	2,993	100.0	100.0	100.0	95	192	95	63	128	63
Other intertilled crops	3,930	5.9	3,930	3,930	3,930	100.0	100.0	100.0	275	275	275	140	140	140
Intertilled crops	9,076	4.5	9,050	9,076	9,076	99.7	100.0	100.0	447	544	421	99	120	93
Rice (close-growing crop)	690	100.0	669	400	400	97.0	58.0	58.0	9	5	3	27	25	15
Tame hay and cropland pasture	13	---	13	13	13	100.0	100.0	100.0	---	---	---	55	40	36
Improved permanent pasture	744	.9	744	744	700	100.0	100.0	94.1	20	18	16	54	48	46
Hay and pasture	757	.2	757	757	713	100.0	100.0	94.2	20	18	16	53	48	45
Total	10,523	1.9	10,476	10,233	10,189	99.6	97.2	96.8	476	567	440	91	111	86
ASR-32														
Alabama:														
Corn	290	---	290	290	290	100.0	100.0	100.0	12	6	6	83	41	41
Cotton	250	.2	250	250	250	100.0	100.0	100.0	10	10	10	80	80	80
Other intertilled crops	267	.1	267	267	267	100.0	100.0	100.0	19	19	19	142	142	142
Intertilled crops	807	.1	807	807	807	100.0	100.0	100.0	41	35	35	102	87	87
Improved permanent pasture	485	.3	485	485	485	100.0	100.0	100.0	15	15	15	62	62	62
Total	1,292	.1	1,292	1,292	1,292	100.0	100.0	100.0	56	50	50	87	77	77

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-33														
Alabama:														
Corn	30	---	30	---	---	100.0	---	---	1	---	---	67	---	---
Cotton	101	0.3	101	101	101	100.0	100.0	100.0	4	4	4	79	79	79
Other intertilled crops	272	1.4	272	272	272	100.0	100.0	100.0	19	19	19	140	140	140
Intertilled crops	403	.3	403	373	373	100.0	92.6	92.6	24	23	23	119	123	123
Improved permanent pasture	180	.5	180	180	180	100.0	100.0	100.0	5	5	5	56	56	56
Total	583	.4	583	553	553	100.0	100.0	100.0	29	28	28	99	101	101
ASR-34														
Alabama:														
Corn	224	.2	224	224	224	100.0	100.0	100.0	9	5	5	80	45	45
Cotton	920	1.4	920	920	920	100.0	100.0	100.0	37	19	19	80	41	41
Other intertilled crops	624	1.6	624	624	624	100.0	100.0	100.0	44	44	44	141	141	141
Intertilled crops	1,768	.7	1,768	1,768	1,768	100.0	100.0	100.0	90	68	68	102	77	77
Improved permanent pasture	1,270	2.8	1,270	1,270	1,270	100.0	100.0	100.0	38	38	38	60	60	60
Total	3,038	1.0	3,038	3,038	3,038	100.0	100.0	100.0	128	106	106	84	70	70
ASR-37														
Indiana:														
Corn	445	.1	445	445	445	100.0	100.0	100.0	15	11	12	67	49	54
Tobacco	100	1.6	100	100	100	100.0	100.0	100.0	5	11	16	100	220	320
Vegetables	400	3.2	400	400	400	100.0	100.0	100.0	12	18	18	60	90	90
Intertilled crops	945	.2	945	945	945	100.0	100.0	100.0	32	40	46	68	85	97
Total	945	.2	945	945	945	100.0	100.0	100.0	32	40	46	68	70	97
Ohio:														
Corn	58	---	58	58	58	100.0	100.0	100.0	1	1	1	34	34	34
Vegetables	123	4.3	123	123	123	100.0	100.0	100.0	5	5	5	81	81	81
Potatoes	84	33.9	84	84	84	100.0	100.0	100.0	1	5	5	24	119	119
Nursery and greenhouse	43	6.1	43	43	43	100.0	100.0	100.0	2	2	2	93	93	93
Small fruits	9	12.0	9	9	2	100.0	100.0	22.2	---	---	---	50	50	10
Tree fruits	4	.2	4	4	4	100.0	100.0	100.0	---	---	---	40	5	5
Intertilled crops	321	.1	321	321	314	100.0	100.0	97.8	9	13	13	56	81	83
Improved permanent pasture	56	.2	28	50	50	50.0	89.3	89.3	1	1	1	71	40	40
Total	377	.1	349	371	364	92.6	98.4	96.6	10	14	14	57	75	77
Total ASR-37:														
Corn	503	.1	503	503	503	100.0	100.0	100.0	16	12	13	64	48	52
Tobacco	100	1.6	100	100	100	100.0	100.0	100.0	5	11	16	100	220	320
Vegetables	523	3.4	523	523	523	100.0	100.0	100.0	17	23	23	65	88	88
Potatoes	84	33.9	84	84	84	100.0	100.0	100.0	1	5	5	24	119	119
Nursery and greenhouse	43	6.1	43	43	43	100.0	100.0	100.0	2	2	2	93	93	93
Small fruits	9	12.0	9	9	2	100.0	100.0	22.2	---	---	---	50	50	10
Tree fruits	4	.2	4	4	4	100.0	100.0	100.0	---	---	---	40	5	5
Intertilled crops	1,266	.2	1,266	1,266	1,259	100.0	100.0	99.4	41	53	59	65	84	94
Improved permanent pasture	56	.2	28	50	50	50.0	89.3	89.3	1	1	1	71	40	40
Total	1,322	.2	1,294	1,316	1,309	97.9	99.5	99.0	42	54	60	65	82	92
ASR-38														
Indiana:														
Corn	2,366	.1	2,366	2,366	2,366	100.0	100.0	100.0	80	62	71	68	52	60
Vegetables	325	1.0	325	325	325	100.0	100.0	100.0	10	13	13	62	80	80
Nursery and greenhouse	200	11.6	200	200	200	100.0	100.0	100.0	18	16	16	180	160	160
Intertilled crops	2,891	.1	2,891	2,891	2,891	100.0	100.0	100.0	108	91	100	75	63	69
Total	2,891	.1	2,891	2,891	2,891	100.0	100.0	100.0	108	91	100	75	63	69

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-38--Continued														
Ohio:														
Corn	493	---	493	493	493	100.0	100.0	100.0	8	12	10	32	49	41
Vegetables	680	6.6	680	680	680	100.0	100.0	100.0	27	27	27	79	79	79
Potatoes	624	29.3	624	624	624	100.0	100.0	100.0	9	37	37	29	119	119
Nursery and greenhouse	330	10.1	330	330	330	100.0	100.0	100.0	16	16	16	97	97	97
Small fruits	85	28.4	85	85	17	100.0	100.0	20.0	2	2	---	47	47	10
Tree fruits	112	2.9	112	112	112	100.0	100.0	100.0	2	---	---	36	5	5
Intertilled crops	2,324	.2	2,324	2,324	2,256	100.0	100.0	97.1	84	94	90	55	81	80
Improved permanent pasture	381	.7	192	344	344	50.4	90.3	90.3	6	9	9	62	52	52
Total	2,705	.2	2,516	2,668	2,600	93.0	98.6	96.1	70	103	99	56	77	76
Total ASR-38														
Corn	2,859	.1	2,859	2,859	2,859	100.0	100.0	100.0	88	74	81	62	52	57
Vegetables	1,005	2.4	1,005	1,005	1,005	100.0	100.0	100.0	37	40	40	74	80	80
Potatoes	624	29.3	624	624	624	100.0	100.0	100.0	9	37	37	29	119	119
Nursery and greenhouse	530	10.6	530	530	530	100.0	100.0	100.0	34	32	32	128	121	121
Small fruits	85	28.4	85	85	17	100.0	100.0	20.0	2	2	---	47	47	10
Tree fruits	112	2.9	112	112	112	100.0	100.0	100.0	2	---	---	36	5	5
Intertilled crops	5,215	.1	5,215	5,215	5,147	100.0	100.0	98.7	172	185	190	66	71	74
Improved permanent pasture	381	.7	192	344	344	50.4	90.3	90.3	6	9	9	62	52	52
Total	5,596	.2	5,407	5,559	5,491	96.6	99.3	98.1	178	194	199	66	70	72
ASR-39														
Indiana:														
Corn	3,000	.3	3,000	3,000	3,000	100.0	100.0	100.0	111	66	84	74	44	56
Vegetables	2,000	18.0	2,000	2,000	2,000	100.0	100.0	100.0	120	120	120	120	120	120
Potatoes	1,800	20.2	1,800	1,800	1,800	100.0	100.0	100.0	29	115	193	32	128	214
Mint	500	6.3	500	500	500	100.0	100.0	100.0	5	12	12	20	48	48
Nursery and greenhouse	242	28.9	242	242	242	100.0	100.0	100.0	22	19	19	182	157	157
Intertilled crops	7,542	.6	7,542	7,542	7,542	100.0	100.0	100.0	287	332	428	76	88	113
Tame hay and cropland pasture	200	---	60	200	200	30.0	100.0	100.0	1	6	6	33	60	60
Total	7,742	.4	7,602	7,742	7,742	98.2	100.0	100.0	288	338	434	76	87	112
Michigan:														
Corn	726	.1	726	726	726	100.0	100.0	100.0	25	23	21	69	63	58
Vegetables	735	9.8	735	735	735	100.0	100.0	100.0	33	41	45	89	112	122
Potatoes	400	17.8	400	400	400	100.0	100.0	100.0	16	28	28	80	140	140
Nursery and greenhouse	547	35.5	547	547	547	100.0	100.0	100.0	8	8	8	29	29	29
Small fruits	236	27.9	236	236	236	100.0	100.0	100.0	8	5	5	68	42	42
Tree fruits	163	1.9	163	163	163	100.0	100.0	100.0	4	3	3	49	37	37
Intertilled crops	2,807	.5	2,807	2,807	2,807	100.0	100.0	100.0	94	108	110	67	77	78
Tame hay and cropland pasture	268	.1	268	268	268	100.0	100.0	100.0	6	9	8	45	67	60
Total	3,075	.3	3,075	3,075	3,075	100.0	100.0	100.0	100	117	118	65	76	77
Ohio:														
Corn	83	---	83	83	83	100.0	100.0	100.0	1	2	2	24	48	48
Vegetables	363	1.6	363	363	363	100.0	100.0	100.0	15	15	15	83	83	83
Potatoes	153	7.4	153	153	153	100.0	100.0	100.0	2	9	9	26	118	118
Nursery and greenhouse	103	14.1	103	103	103	100.0	100.0	100.0	5	5	5	97	97	97
Small fruits	31	12.0	31	31	6	100.0	100.0	19.4	1	1	---	65	65	10
Tree fruits	26	.4	26	26	26	100.0	100.0	100.0	1	---	---	77	5	5
Intertilled crops	759	.1	759	759	734	100.0	100.0	96.7	25	32	31	66	84	84
Improved permanent pasture	145	.6	72	130	130	49.7	89.7	89.7	2	3	3	56	46	46
Total	904	.1	831	889	864	91.9	98.3	95.6	27	35	34	65	79	79
Total ASR-39:														
Corn	3,809	.1	3,809	3,809	3,809	100.0	100.0	100.0	137	91	107	72	48	56
Vegetables	3,098	7.4	3,098	3,098	3,098	100.0	100.0	100.0	168	176	180	108	114	116
Potatoes	2,353	17.8	2,353	2,353	2,353	100.0	100.0	100.0	47	152	230	40	129	195
Mint	500	6.3	500	500	500	100.0	100.0	100.0	5	12	12	20	48	48
Nursery and greenhouse	892	28.7	892	892	892	100.0	100.0	100.0	35	32	32	78	72	72

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total ASR-39--Continued														
Small fruits	267	24.1	267	267	242	100.0	100.0	90.6	9	6	5	67	45	41
Tree fruits	189	1.3	189	189	189	100.0	100.0	100.0	5	3	3	53	32	32
Intertilled crops	11,108	.3	11,108	11,108	11,083	100.0	100.0	99.8	406	472	569	73	85	103
Tame hay and cropland pasture	468	---	328	468	468	70.1	100.0	100.0	7	15	14	43	64	60
Improved permanent pasture	145	.6	72	130	130	49.7	89.7	89.7	2	3	3	56	46	46
Hay and pasture	613	.1	400	598	598	65.3	97.6	97.6	9	18	17	45	60	57
Total	11,721	.3	11,508	11,706	11,681	98.2	99.9	99.7	415	490	586	72	84	100
ASR-40														
Michigan:														
Corn	1,253	.1	1,253	1,253	1,253	100.0	100.0	100.0	42	40	37	67	64	59
Vegetables	3,419	6.0	3,419	3,419	3,419	100.0	100.0	100.0	157	171	200	92	100	117
Potatoes	3,327	14.1	3,327	3,327	3,327	100.0	100.0	100.0	185	326	339	111	196	204
Nursery and greenhouse	1,150	20.0	1,150	1,150	1,150	100.0	100.0	100.0	23	23	23	40	40	40
Small fruits	462	25.2	462	462	462	100.0	100.0	100.0	16	12	12	69	52	52
Tree fruits	339	1.3	339	339	339	100.0	100.0	100.0	8	6	6	47	35	35
Intertilled crops	9,950	.9	9,950	9,950	9,950	100.0	100.0	100.0	431	578	617	87	116	124
Tame hay and cropland pasture	318	---	318	318	318	100.0	100.0	100.0	7	11	9	44	69	57
Total	10,268	.4	10,268	10,268	10,268	100.0	100.0	100.0	438	589	626	85	115	122
Ohio:														
Corn	19	.1	19	19	19	100.0	100.0	100.0	---	---	---	41	57	48
Vegetables	63	1.3	63	63	63	100.0	100.0	100.0	3	3	3	95	95	95
Potatoes	39	6.6	39	39	39	100.0	100.0	100.0	1	2	2	51	103	103
Nursery and greenhouse	17	5.4	17	17	17	100.0	100.0	100.0	1	1	1	118	118	118
Small fruits	6	14.0	6	6	1	100.0	100.0	16.6	---	---	---	50	50	50
Tree fruits	5	.7	5	5	5	100.0	100.0	100.0	---	---	---	40	5	5
Intertilled crops	149	.4	149	149	144	100.0	100.0	96.6	5	6	6	67	81	83
Improved permanent pasture	21	23.3	10	19	19	47.6	90.5	90.5	---	---	---	50	28	56
Total	170	.5	159	168	163	93.5	98.8	95.9	5	6	6	63	71	74
Total ASR-40:														
Corn	1,272	.1	1,272	1,272	1,272	100.0	100.0	100.0	42	40	37	66	63	58
Vegetables	3,482	5.7	3,482	3,482	3,482	100.0	100.0	100.0	160	174	203	93	101	118
Potatoes	3,366	13.9	3,366	3,366	3,366	100.0	100.0	100.0	186	328	341	111	195	203
Nursery and greenhouse	1,167	19.2	1,167	1,167	1,167	100.0	100.0	100.0	24	24	24	41	41	41
Small fruits	468	24.9	468	468	468	100.0	100.0	100.0	16	12	12	68	51	51
Tree fruits	344	1.3	344	344	344	100.0	100.0	100.0	8	6	6	47	35	35
Intertilled crops	10,099	.8	10,099	10,099	10,099	100.0	100.0	100.0	436	584	623	86	116	123
Tame hay and cropland pasture	318	---	318	318	318	100.0	100.0	100.0	7	11	9	44	69	57
Improved permanent pasture	21	23.3	10	19	19	47.6	90.5	90.5	---	---	---	50	28	56
Hay and pasture	339	---	328	337	337	96.8	99.4	99.4	7	11	9	43	65	53
Total	10,438	.4	10,427	10,436	10,431	99.9	100.0	99.9	443	595	632	85	114	121
ASR-41														
Michigan:														
Corn	364	.1	364	364	364	100.0	100.0	100.0	13	11	11	71	60	60
Vegetables	6,570	18.8	6,570	6,570	6,570	100.0	100.0	100.0	384	401	493	117	122	150
Potatoes	910	18.0	910	910	910	100.0	100.0	100.0	57	97	111	125	213	244
Nursery and greenhouse	1,238	23.6	1,238	1,238	1,238	100.0	100.0	100.0	51	51	51	82	82	82
Small fruits	5,533	32.2	5,533	5,533	5,533	100.0	100.0	100.0	249	188	207	90	68	75
Tree fruits	3,003	1.9	3,003	3,003	3,003	100.0	100.0	100.0	140	102	102	93	68	68
Intertilled crops	17,618	3.7	17,618	17,618	17,618	100.0	100.0	100.0	894	850	975	101	96	111
Tame hay and cropland pasture	582	.1	582	582	582	100.0	100.0	100.0	14	19	17	48	65	58
Total	18,200	2.0	18,200	18,200	18,200	100.0	100.0	100.0	908	869	992	100	95	109

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-42														
Indiana:														
Corn	1,500	0.2	1,500	1,500	1,500	100.0	100.0	100.0	54	41	45	72	55	60
Soybeans	150	---	60	150	150	40.0	100.0	100.0	---	2	2	6	27	27
Vegetables	550	6.3	550	550	550	100.0	100.0	100.0	34	21	21	124	76	76
Potatoes	250	66.8	250	250	250	100.0	100.0	100.0	12	12	18	96	96	144
Tree fruits	150	3.0	150	150	150	100.0	100.0	100.0	12	5	5	160	67	67
Intertilled crops	2,600	.2	2,510	2,600	2,600	96.5	100.0	100.0	112	81	91	89	62	70
Total	2,600	.2	2,510	2,600	2,600	96.5	100.0	100.0	112	81	91	89	62	70
Illinois:														
Corn	164	---	164	164	164	100.0	100.0	100.0	7	5	6	85	61	73
Soybeans	37	---	37	37	37	100.0	100.0	100.0	---	1	2	11	54	108
Vegetables	7	1.6	7	7	7	100.0	100.0	100.0	---	---	---	29	114	86
Nursery and greenhouse	16	31.4	16	16	16	100.0	100.0	100.0	1	1	1	125	125	125
Small fruits	6	9.8	6	6	6	100.0	100.0	100.0	---	---	---	50	100	100
Tree fruits	20	3.0	20	20	20	100.0	100.0	100.0	1	---	---	100	---	---
Intertilled crops	250	.4	250	250	250	100.0	100.0	100.0	9	7	9	72	56	72
Wheat (close-growing crop)	20	---	20	17	17	100.0	85.0	85.0	---	---	1	30	71	118
Tame hay and cropland pasture	43	---	---	37	37	---	86.0	86.0	---	---	2	---	32	108
Total	313	---	270	304	304	86.3	97.1	97.1	9	7	12	67	46	79
Total ASR-42:														
Corn	1,664	.1	1,664	1,664	1,664	100.0	100.0	100.0	61	46	51	73	55	61
Soybeans	187	---	97	187	187	51.9	100.0	100.0	---	3	4	8	32	43
Vegetables	557	6.1	557	557	557	100.0	100.0	100.0	34	21	21	122	75	75
Potatoes	250	66.8	250	250	250	100.0	100.0	100.0	12	12	18	96	96	144
Nursery and greenhouse	16	31.4	16	16	16	100.0	100.0	100.0	1	1	1	125	125	125
Small fruits	6	9.8	6	6	6	100.0	100.0	100.0	---	---	---	50	100	100
Tree fruits	170	3.0	170	170	170	100.0	100.0	100.0	13	5	5	153	59	59
Intertilled crops	2,850	.2	2,760	2,850	2,850	96.8	100.0	100.0	121	88	100	88	62	70
Wheat (close-growing crop)	20	---	20	17	17	100.0	85.0	85.0	---	---	1	30	71	118
Tame hay and cropland pasture	43	---	---	37	37	---	86.0	86.0	---	---	2	---	32	108
Total	2,913	.1	2,780	2,904	2,904	95.4	99.7	99.7	121	88	103	87	61	71
ASR-45														
Alabama:														
Corn	1,497	.3	1,497	1,497	1,497	100.0	100.0	100.0	60	30	30	80	40	40
Cotton	5,396	1.7	5,396	5,396	5,396	100.0	100.0	100.0	215	215	215	80	80	80
Other intertilled crops	668	.6	668	668	668	100.0	100.0	100.0	47	47	47	141	141	141
Intertilled crops	7,561	.8	7,561	7,561	7,561	100.0	100.0	100.0	322	292	292	85	77	77
Improved permanent pasture	222	.2	222	222	222	100.0	100.0	100.0	7	7	7	63	63	63
Total	7,783	.7	7,783	7,783	7,783	100.0	100.0	100.0	329	299	299	85	77	77
ASR-46														
Alabama:														
Corn	935	.4	935	935	935	100.0	100.0	100.0	37	18	18	79	39	39
Cotton	1,884	1.8	1,884	1,884	1,884	100.0	100.0	100.0	75	75	75	80	80	80
Other intertilled crops	775	1.2	775	775	775	100.0	100.0	100.0	54	54	54	139	139	139
Intertilled crops	3,594	.9	3,594	3,594	3,594	100.0	100.0	100.0	166	147	147	92	82	82
Improved permanent pasture	1,673	1.6	1,673	1,673	1,673	100.0	100.0	100.0	50	50	50	60	60	60
Total	5,267	1.0	5,267	5,267	5,267	100.0	100.0	100.0	216	197	197	82	75	75
ASR-47														
Alabama:														
Corn	275	.2	275	275	275	100.0	100.0	100.0	11	5	5	80	36	36
Cotton	395	.3	395	395	395	100.0	100.0	100.0	16	16	16	81	81	81
Other intertilled crops	171	.3	171	171	171	100.0	100.0	100.0	12	12	12	140	140	140
Intertilled crops	841	.2	841	841	841	100.0	100.0	100.0	39	33	33	93	78	78

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-47														
Alabama--Continued														
Improved permanent pasture	900	0.2	900	900	900	100.0	100.0	100.0	3	3	3	7	7	7
Total	1,741	.2	1,741	1,741	1,741	100.0	100.0	100.0	42	36	36	48	41	41
ASR-48														
Alabama:														
Corn	80	.2	80	80	80	100.0	100.0	100.0	3	2	2	75	50	50
Cotton	50	.4	50	50	50	100.0	100.0	100.0	2	2	2	80	80	80
Intertilled crops	130	.2	130	130	130	100.0	100.0	100.0	5	4	4	77	62	62
Improved permanent pasture	85	.5	85	85	85	100.0	100.0	100.0	3	3	3	71	71	71
Total	215	.3	215	215	215	100.0	100.0	100.0	8	7	7	74	65	65
ASR-50														
Illinois:														
Corn	120	---	120	120	120	100.0	100.0	100.0	5	3	5	83	50	83
Soybeans	27	---	27	27	27	100.0	100.0	100.0	---	1	2	15	74	148
Nursery and greenhouse	85	27.0	85	85	85	100.0	100.0	100.0	6	6	6	141	141	141
Small fruits	71	10.0	71	71	71	100.0	100.0	100.0	2	4	4	56	113	113
Tree fruits	104	.9	104	104	104	100.0	100.0	100.0	3	1	1	58	19	19
Intertilled crops	407	---	407	407	407	100.0	100.0	100.0	16	15	18	79	74	88
Wheat (close-growing crop)	14	---	14	12	13	100.0	85.7	92.9	---	---	---	43	67	69
Tame hay and cropland pasture	31	---	---	26	28	---	83.9	90.3	---	---	1	---	38	71
Total	452	---	421	445	448	93.1	98.4	99.1	16	15	19	76	67	85
ASR-51														
Illinois:														
Corn	1,111	---	1,111	1,111	1,111	100.0	100.0	100.0	50	33	43	90	59	77
Soybeans	247	---	---	247	247	---	100.0	100.0	---	9	11	---	73	89
Vegetables	539	1.2	539	539	539	100.0	100.0	100.0	8	33	19	30	122	70
Nursery and greenhouse	318	14.6	318	318	318	100.0	100.0	100.0	22	22	22	138	138	138
Small fruits	30	9.9	30	30	30	100.0	100.0	100.0	1	2	2	67	133	133
Tree fruits	89	5.0	89	89	89	100.0	100.0	100.0	2	---	---	45	10	10
Intertilled crops	2,334	---	2,087	2,334	2,334	89.4	100.0	100.0	83	99	97	80	85	83
Wheat (close-growing crop)	135	---	---	115	54	---	85.2	40.0	---	4	2	---	70	74
Tame hay and cropland pasture	292	---	---	248	117	---	84.9	40.0	---	4	6	---	32	103
Total	2,761	---	2,087	2,697	2,505	75.6	97.7	90.7	83	107	105	80	79	84
ASR-52														
Illinois:														
Corn	208	---	208	208	208	100.0	100.0	100.0	9	6	3	87	58	77
Soybeans	46	---	---	46	46	---	100.0	100.0	---	2	2	---	87	87
Vegetables	189	.8	189	189	189	100.0	100.0	100.0	3	12	7	32	127	74
Nursery and greenhouse	108	2.0	108	108	108	100.0	100.0	100.0	7	7	7	130	130	130
Small fruits	6	9.2	6	6	6	100.0	100.0	100.0	---	---	---	50	100	100
Tree fruits	30	5.1	30	30	30	100.0	100.0	100.0	1	---	---	67	10	10
Intertilled crops	587	.1	541	587	587	92.2	100.0	100.0	20	27	24	74	92	82
Wheat (close-growing crop)	25	.1	---	12	8	---	48.0	32.0	---	---	---	---	67	75
Tame hay and cropland pasture	55	---	---	28	17	---	50.9	30.9	---	---	1	---	25	118
Total	667	.1	541	627	612	81.1	94.0	91.8	20	27	25	74	86	82
ASR-52														
Indiana:														
Corn	1,500	.4	1,500	1,500	1,500	100.0	100.0	100.0	55	40	49	73	53	65
Vegetables	600	10.9	600	600	600	100.0	100.0	100.0	29	29	29	97	97	97

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-52														
Indiana--Continued														
Potatoes	400	27.0	400	400	400	100.0	100.0	100.0	8	17	30	40	85	150
Nursery and greenhouse	200	11.4	200	200	200	100.0	100.0	100.0	15	14	14	150	140	140
Intertilled crops	2,700	.7	2,700	2,700	2,700	100.0	100.0	100.0	107	100	122	79	74	90
Total	2,700	.7	2,700	2,700	2,700	100.0	100.0	100.0	107	100	122	79	74	90
Wisconsin:														
Vegetables	516	7.1	516	516	516	100.0	100.0	100.0	5	20	20	19	78	78
Potatoes	400	10.4	400	400	400	100.0	100.0	100.0	20	35	40	100	175	200
Intertilled crops	916	8.2	916	916	916	100.0	100.0	100.0	25	55	60	55	120	131
Total	916	8.2	916	916	916	100.0	100.0	100.0	25	55	60	55	120	131
Total ASR-52:														
Corn	1,708	.2	1,708	1,708	1,708	100.0	100.0	100.0	64	46	57	75	54	67
Soybeans	46	---	---	46	46	---	100.0	100.0	---	2	2	---	87	87
Vegetables	1,305	3.6	1,305	1,305	1,305	100.0	100.0	100.0	37	61	56	57	93	86
Potatoes	800	15.0	800	800	800	100.0	100.0	100.0	28	52	70	70	130	175
Nursery and greenhouse	308	4.2	308	308	308	100.0	100.0	100.0	22	21	21	143	136	136
Small fruits	6	9.2	6	6	6	100.0	100.0	100.0	---	---	---	50	100	100
Tree fruits	30	5.1	30	30	30	100.0	100.0	100.0	1	---	---	67	10	10
Intertilled crops	4,203	.4	4,157	4,203	4,203	98.9	100.0	100.0	152	182	206	73	87	98
Wheat (close-growing crop)	25	.1	---	12	8	---	48.0	32.0	---	---	---	---	67	75
Tame hay and cropland pasture	55	---	---	28	17	---	50.9	30.9	---	---	1	---	25	118
Total	4,283	.3	4,157	4,243	4,228	97.1	99.1	98.7	152	182	207	73	86	98
ASR-53														
Wisconsin:														
Vegetables	2,000	1.1	2,000	2,000	2,000	100.0	100.0	100.0	30	65	65	30	65	65
Potatoes	2,050	22.6	2,050	2,050	2,050	100.0	100.0	100.0	100	175	200	98	171	195
Intertilled crops	4,050	2.2	4,050	4,050	4,050	100.0	100.0	100.0	130	240	265	64	119	131
Total	4,050	2.2	4,050	4,050	4,050	100.0	100.0	100.0	130	240	265	64	119	131
ASR-54														
Michigan:														
Corn	348	.3	348	348	348	100.0	100.0	100.0	7	10	10	40	57	57
Vegetables	753	7.9	753	753	753	100.0	100.0	100.0	32	38	44	85	101	117
Potatoes	1,334	8.6	1,334	1,334	1,334	100.0	100.0	100.0	82	143	153	123	214	229
Nursery and greenhouse	230	34.4	230	230	230	100.0	100.0	100.0	5	5	5	43	43	43
Small fruits	274	11.8	274	274	274	100.0	100.0	100.0	11	8	8	80	58	58
Tree fruits	86	.7	86	86	86	100.0	100.0	100.0	2	2	2	47	47	47
Intertilled crops	3,025	2.0	3,025	3,025	3,025	100.0	100.0	100.0	139	206	222	92	136	147
Tame hay and cropland pasture	166	---	166	166	166	100.0	100.0	100.0	4	6	5	48	72	60
Total	3,191	.3	3,191	3,191	3,191	100.0	100.0	100.0	143	212	227	90	133	142
Wisconsin:														
Potatoes (intertilled crop)	6,044	31.2	6,044	6,044	6,044	100.0	100.0	100.0	305	520	610	101	172	202
Total ASR-54:														
Corn	348	.3	348	348	348	100.0	100.0	100.0	7	10	10	40	57	57
Vegetables	753	7.9	753	753	753	100.0	100.0	100.0	32	38	44	85	101	117
Potatoes	7,378	21.2	7,378	7,378	7,378	100.0	100.0	100.0	387	663	763	105	180	207
Nursery and greenhouse	230	34.4	230	230	230	100.0	100.0	100.0	5	5	5	43	43	43
Small fruits	274	11.8	274	274	274	100.0	100.0	100.0	11	8	8	80	58	58
Tree fruits	86	.7	86	86	86	100.0	100.0	100.0	2	2	2	47	47	47
Intertilled crops	9,069	5.2	9,069	9,069	9,069	100.0	100.0	100.0	444	726	832	98	160	183
Tame hay and cropland pasture	166	---	166	166	166	100.0	100.0	100.0	4	6	5	48	72	60
Total	9,235	.8	9,235	9,235	9,235	100.0	100.0	100.0	448	732	837	97	159	181

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-55														
Wisconsin:														
Vegetables	9,000	32.5	9,000	9,000	9,000	100.0	100.0	100.0	280	395	340	62	88	76
Potatoes	8,000	58.3	8,000	8,000	8,000	100.0	100.0	100.0	415	705	830	104	176	208
Intertilled crops	17,000	41.0	17,000	17,000	17,000	100.0	100.0	100.0	695	1,100	1,170	82	129	138
Total	17,000	41.0	17,000	17,000	17,000	100.0	100.0	100.0	695	1,100	1,170	82	129	138
ASR-56														
Wisconsin:														
Vegetables	1,201	4.6	1,201	1,201	1,201	100.0	100.0	100.0	35	50	45	58	83	75
Potatoes	600	25.0	600	600	400	100.0	100.0	66.7	30	50	60	100	167	300
Intertilled crops	1,801	6.4	1,801	1,801	1,601	100.0	100.0	88.9	65	100	105	72	111	131
Total	1,801	6.4	1,801	1,801	1,601	100.0	100.0	88.9	65	100	105	72	111	131
ASR-57														
Illinois:														
Corn	285	---	285	285	285	100.0	100.0	100.0	13	8	11	91	56	77
Soybeans	63	.1	---	63	63	---	100.0	100.0	---	2	3	---	63	95
Vegetables	43	.1	43	43	43	100.0	100.0	100.0	1	3	2	47	140	93
Nursery and greenhouse	39	7.0	39	39	39	100.0	100.0	100.0	3	3	3	154	154	154
Small fruits	9	10.0	9	9	9	100.0	100.0	100.0	---	---	---	50	100	100
Tree fruits	30	5.0	30	30	30	100.0	100.0	100.0	1	---	---	67	10	10
Intertilled crops	469	---	406	469	469	86.6	100.0	100.0	18	16	19	89	68	81
Wheat (close-growing crop)	35	.3	---	18	9	---	51.4	25.7	---	1	---	---	111	67
Tame hay and cropland pasture	74	---	---	37	19	---	50.0	25.7	---	1	1	---	54	105
Total	578	---	406	524	497	70.2	90.7	86.0	18	18	20	89	69	80
Iowa:														
Corn	300	---	300	300	300	100.0	100.0	100.0	9	5	5	60	33	33
Vegetables	93	1.8	93	93	93	100.0	100.0	100.0	---	---	---	6	10	10
Intertilled crops	393	---	393	393	393	100.0	100.0	100.0	9	5	5	46	25	25
Total	393	---	393	393	393	100.0	100.0	100.0	9	5	5	46	25	26
Wisconsin:														
Vegetables (intertilled crops)	400	11.0	400	400	400	100.0	100.0	100.0	5	10	12	25	50	60
Total ASR-57:														
Corn	585	---	585	585	585	100.0	100.0	100.0	22	13	16	75	44	55
Soybeans	63	.1	---	63	63	---	100.0	100.0	---	2	3	---	63	95
Vegetables	536	1.0	536	536	536	100.0	100.0	100.0	6	13	14	22	49	52
Nursery and greenhouse	39	7.0	39	39	39	100.0	100.0	100.0	3	3	3	154	154	154
Small fruits	9	10.0	9	9	9	100.0	100.0	100.0	---	---	---	50	100	100
Tree fruits	30	5.0	30	30	30	100.0	100.0	100.0	1	---	---	67	10	10
Intertilled crops	1,262	---	1,199	1,262	1,262	95.0	100.0	100.0	32	31	36	53	49	57
Wheat (close-growing crop)	35	.3	---	18	9	---	51.4	25.7	---	1	---	---	111	67
Tame hay and cropland pasture	74	---	---	37	19	---	50.0	25.7	---	1	1	---	54	105
Total	1,371	---	1,199	1,317	1,290	87.5	96.1	94.1	32	33	37	53	50	57
ASR-58														
Illinois:														
Corn	526	---	526	526	526	100.0	100.0	100.0	24	15	20	91	57	76
Sorghums	75	2.6	75	75	75	100.0	100.0	100.0	2	2	2	53	53	53
Soybeans	106	---	---	106	106	---	100.0	100.0	---	4	5	---	76	94
Small fruits	11	9.8	11	11	11	100.0	100.0	100.0	---	1	1	50	182	182
Tree fruits	111	5.1	109	109	109	98.2	98.2	98.2	3	1	1	55	18	18
Intertilled crops	829	---	721	827	827	87.0	99.8	99.8	29	23	29	80	56	70
Tame hay and cropland pasture	137	---	---	41	41	---	29.9	29.9	---	1	2	---	49	98
Total	966	---	721	868	868	74.6	89.9	89.9	29	24	31	80	55	71

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-58--Continued														
Iowa:														
Corn	1,580	---	1,580	1,580	1,580	100.0	100.0	100.0	47	24	12	59	30	15
Vegetables	395	4.7	395	395	79	100.0	100.0	20.0	1	2	1	5	10	25
Intertilled crops	1,975	.1	1,975	1,975	1,659	100.0	100.0	84.0	48	26	13	49	26	16
Total	1,975	.1	1,975	1,975	1,659	100.0	100.0	84.0	48	26	13	49	26	16
Total ASR-58:														
Corn	2,106	---	2,106	2,106	2,106	100.0	100.0	100.0	71	39	32	67	37	30
Sorghums	75	2.6	75	75	75	100.0	100.0	100.0	2	2	2	53	53	53
Soybeans	106	---	---	106	106	---	100.0	100.0	---	4	5	---	76	94
Vegetables	395	4.7	395	395	79	100.0	100.0	20.0	1	2	1	5	10	25
Small fruits	11	9.8	11	11	11	100.0	100.0	100.0	---	1	1	50	182	182
Tree fruits	111	5.1	109	109	109	98.2	98.2	98.2	3	1	1	55	18	18
Intertilled crops	2,804	.1	2,696	2,802	2,486	96.1	99.9	88.7	77	49	42	57	35	34
Tame hay and cropland pasture	137	---	---	41	41	---	29.9	29.9	---	1	2	---	49	98
Total	2,941	.1	2,696	2,843	2,527	91.7	96.7	85.9	77	50	44	57	35	35
ASR-59														
Illinois:														
Corn	922	.1	922	922	922	100.0	100.0	100.0	42	28	37	91	61	80
Soybeans	205	---	205	205	205	100.0	100.0	100.0	1	7	9	10	68	88
Small fruits	4	2.4	4	4	4	100.0	100.0	100.0	---	---	---	50	100	100
Intertilled crops	1,131	.1	1,131	1,131	1,131	100.0	100.0	100.0	43	35	46	76	62	81
Wheat (close-growing crop)	112	---	112	45	28	100.0	40.2	25.0	2	2	1	36	89	71
Tame hay and cropland pasture	241	.1	---	96	60	---	39.8	24.9	---	2	3	---	42	100
Total	1,484	.1	1,243	1,272	1,219	83.8	85.7	82.1	45	39	50	72	61	82
Iowa:														
Corn	200	---	200	200	200	100.0	100.0	100.0	6	3	2	60	30	20
Vegetables	44	9.5	44	44	44	100.0	100.0	100.0	---	---	---	6	10	4
Intertilled crops	244	---	244	244	244	100.0	100.0	100.0	6	3	2	49	25	16
Total	244	---	244	244	244	100.0	100.0	100.0	6	3	2	49	25	16
Missouri:														
Corn	1,200	.1	1,200	1,200	1,200	100.0	100.0	100.0	36	23	23	60	38	38
Soybeans	100	---	---	10	10	---	10.0	10.0	---	---	---	---	40	40
Vegetables	50	6.5	50	50	50	100.0	100.0	100.0	2	2	2	80	80	80
Nursery and greenhouse	250	23.1	250	250	250	100.0	100.0	100.0	9	9	9	72	72	72
Tree fruits	250	6.0	250	250	250	100.0	100.0	100.0	5	3	3	40	24	24
Intertilled crops	1,850	.1	1,750	1,760	1,760	94.6	95.1	95.1	52	37	37	59	42	42
Tame hay and cropland pasture	505	---	253	253	253	50.1	50.1	50.1	4	5	4	32	40	32
Total	2,355	---	2,003	2,013	2,013	85.1	85.5	85.5	56	42	41	56	42	41
Total ASR-59:														
Corn	2,322	.1	2,322	2,322	2,322	100.0	100.0	100.0	84	54	62	72	47	53
Soybeans	305	---	205	215	215	67.2	70.5	70.5	1	7	9	10	65	84
Vegetables	94	7.6	94	94	94	100.0	100.0	100.0	2	2	2	43	43	43
Nursery and greenhouse	250	23.1	250	250	250	100.0	100.0	100.0	9	9	9	72	72	72
Small fruits	4	2.4	4	4	4	100.0	100.0	100.0	---	---	---	50	100	100
Tree fruits	250	6.0	250	250	250	100.0	100.0	100.0	5	3	3	40	24	24
Intertilled crops	3,225	.1	3,125	3,135	3,135	96.9	97.2	97.2	101	75	85	65	48	54
Wheat (close-growing crop)	112	---	112	45	28	100.0	40.2	25.0	2	2	1	36	89	71
Tame hay and cropland pasture	746	---	253	349	313	33.9	46.8	42.0	4	7	7	32	40	45
Total	4,083	.1	3,490	3,529	3,476	85.5	86.4	85.1	107	84	93	61	48	54

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-60														
Illinois:														
Corn	314	0.1	314	314	314	100.0	100.0	100.0	14	9	12	89	57	76
Soybeans	70	---	70	70	70	100.0	100.0	100.0	---	2	3	11	57	86
Vegetables	3	.1	3	3	3	100.0	100.0	100.0	---	---	---	7	133	7
Nursery and greenhouse	415	64.3	415	415	415	100.0	100.0	100.0	28	28	28	135	135	135
Small fruits	77	12.2	77	77	77	100.0	100.0	100.0	2	3	3	52	78	78
Tree fruits	654	29.4	654	654	654	100.0	100.0	100.0	18	4	4	55	12	12
Intertilled crops	1,533	.1	1,533	1,533	1,533	100.0	100.0	100.0	62	46	50	81	60	65
Wheat (close-growing crop)	38	---	38	28	32	100.0	73.7	84.2	1	1	1	53	71	62
Tame hay and cropland pasture	82	---	---	62	70	---	75.6	85.4	---	1	3	---	32	86
Total	1,653	.1	1,571	1,623	1,635	95.0	97.0	98.9	63	48	54	80	59	66
Missouri:														
Corn	500	.1	500	500	500	100.0	100.0	100.0	15	10	10	60	40	40
Vegetables	1,344	44.6	1,344	1,344	1,344	100.0	100.0	100.0	54	57	54	80	85	80
Intertilled crops	1,844	.4	1,844	1,844	1,844	100.0	100.0	100.0	69	67	64	75	73	69
Tame hay and cropland pasture	200	---	100	100	100	50.0	50.0	50.0	1	2	1	20	40	20
Total	2,044	.2	1,944	1,944	1,944	95.1	95.1	95.1	70	69	65	72	71	67
Total ASR-60:														
Corn	814	.1	814	814	814	100.0	100.0	100.0	29	19	22	71	47	54
Soybeans	70	---	70	70	70	100.0	100.0	100.0	---	2	3	11	57	86
Vegetables	1,347	20.7	1,347	1,347	1,347	100.0	100.0	100.0	54	57	54	80	85	80
Nursery and greenhouse	415	64.3	415	415	415	100.0	100.0	100.0	28	28	28	135	135	135
Small fruits	77	12.2	77	77	77	100.0	100.0	100.0	2	3	3	52	78	78
Tree fruits	654	29.4	654	654	654	100.0	100.0	100.0	18	4	4	55	12	12
Intertilled crops	3,377	.2	3,377	3,377	3,377	100.0	100.0	100.0	131	113	114	78	67	68
Wheat (close-growing crop)	38	---	38	28	32	100.0	73.7	84.2	1	1	1	53	71	62
Tame hay and cropland pasture	282	---	100	162	170	35.5	57.4	60.3	1	3	4	20	37	47
Total	3,697	.1	3,515	3,567	3,579	95.1	96.5	96.8	133	117	119	76	66	66
ASR-61														
Arkansas:														
Vegetables (intertilled crops)	388	29.3	388	388	388	100.0	100.0	100.0	29	31	20	149	160	103
Missouri:														
Corn	429	.1	429	429	429	100.0	100.0	100.0	13	8	8	61	37	37
Cotton	300	16.7	300	300	300	100.0	100.0	100.0	9	9	9	60	60	60
Tree fruits	300	4.2	300	300	300	100.0	100.0	100.0	6	3	3	40	20	20
Intertilled crops	1,029	.3	1,029	1,029	1,029	100.0	100.0	100.0	28	20	20	54	39	39
Tame hay and cropland pasture	1,200	.1	600	600	600	50.0	50.0	50.0	9	12	9	30	40	30
Total	2,229	.1	1,629	1,629	1,629	73.1	73.1	73.1	37	32	29	45	39	36
Total ASR-61:														
Corn	429	.1	429	429	429	100.0	100.0	100.0	13	8	8	61	37	37
Cotton	300	16.7	300	300	300	100.0	100.0	100.0	9	9	9	60	60	60
Vegetables	388	29.3	388	388	388	100.0	100.0	100.0	29	31	20	149	160	103
Tree fruits	300	4.2	300	300	300	100.0	100.0	100.0	6	3	3	40	20	20
Intertilled crops	1,417	.4	1,417	1,417	1,417	100.0	100.0	100.0	57	51	40	80	72	56
Tame hay and cropland pasture	1,200	.1	600	600	600	50.0	50.0	50.0	9	12	9	30	40	30
Total	2,617	.1	2,017	2,017	2,017	77.1	77.1	77.1	66	63	49	65	62	49

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-62														
Arkansas:														
Corn	1,600	1.7	1,600	1,600	1,600	100.0	100.0	100.0	32	24	24	40	30	30
Cotton	4,662	7.4	4,662	4,662	4,662	100.0	100.0	100.0	117	93	70	50	40	30
Intertilled crops	6,262	4.0	6,262	6,262	6,262	100.0	100.0	100.0	149	117	94	48	37	30
Rice (close-growing crop)	6,071	100.0	5,761	2,287	2,287	94.9	37.7	37.7	173	14	72	60	12	63
Improved permanent pasture	430	.4	400	400	400	93.0	93.0	93.0	12	3	3	60	15	15
Total	12,763	4.7	12,423	8,949	8,949	97.3	70.1	70.1	334	134	169	54	30	38
Oklahoma:														
Corn	128	.7	123	115	90	96.1	89.8	70.3	4	3	1	65	52	22
Cotton	100	.8	90	80	65	90.0	80.0	65.0	2	2	1	44	50	31
Intertilled crops	228	.7	213	195	155	93.4	85.5	68.0	6	5	2	56	51	26
Total	228	.7	213	195	155	93.4	85.5	68.0	6	5	2	56	51	26
Total ASR-62:														
Corn	1,728	1.5	1,723	1,715	1,690	99.7	99.2	97.8	36	27	25	42	31	30
Cotton	4,762	6.3	4,752	4,742	4,727	99.8	99.6	99.3	119	95	71	50	40	30
Intertilled crops	6,490	3.5	6,475	6,457	6,417	99.8	99.5	98.9	155	122	96	48	38	30
Rice (close-growing crop)	6,071	100.0	5,761	2,287	2,287	94.9	37.7	37.7	173	14	72	60	12	63
Improved permanent pasture	430	.4	400	400	400	93.0	93.0	93.0	12	3	3	60	15	15
Total	12,991	4.3	12,636	9,144	9,104	97.3	70.4	70.1	340	139	171	54	30	38
ASR-63														
Arkansas:														
Corn	3,351	3.4	3,351	3,351	3,351	100.0	100.0	100.0	67	50	50	40	30	30
Soybeans	137,570	11.4	---	61,930	61,930	---	45.0	45.0	---	1,239	1,393	---	40	45
Cotton	92,188	19.1	92,188	92,188	92,188	100.0	100.0	100.0	3,688	2,305	2,766	80	50	60
Intertilled crops	233,109	13.1	95,539	157,469	157,469	41.0	67.6	67.6	3,755	3,594	4,209	79	46	53
Rice (close-growing crop)	273,769	100.0	260,080	104,032	104,032	95.0	38.0	38.0	8,516	1,126	3,814	65	22	73
Tame hay and cropland pasture	10,000	3.4	7,500	7,500	7,500	75.0	75.0	75.0	38	150	75	10	40	20
Improved permanent pasture	2,662	11.0	2,000	2,000	2,000	75.1	75.1	75.1	60	15	15	60	15	15
Hay and pasture	12,662	3.9	9,500	9,500	9,500	75.0	75.0	75.0	98	165	90	21	35	19
Total	519,540	21.8	365,119	271,001	271,001	70.3	52.2	52.2	12,369	4,885	8,113	68	36	60
ASR-64														
Arkansas:														
Corn	2,110	2.9	2,110	2,110	2,110	100.0	100.0	100.0	53	21	21	50	20	20
Soybeans	15,000	1.8	---	1,829	1,829	---	12.2	12.2	---	27	27	---	30	30
Cotton	59,570	9.0	59,570	59,570	59,570	100.0	100.0	100.0	2,383	1,191	1,787	80	40	60
Intertilled crops	76,680	4.8	61,680	63,509	63,509	80.4	82.8	82.8	2,436	1,239	1,835	79	39	58
Rice (close-growing crop)	78,971	100.0	67,125	---	16,781	85.0	---	21.2	1,678	---	168	50	---	20
Improved permanent pasture	2,352	9.7	2,352	2,352	2,352	100.0	100.0	100.0	71	18	18	60	15	15
Total	158,003	9.3	131,157	65,861	82,642	83.0	41.7	52.3	4,185	1,257	2,021	64	38	49
Louisiana:														
Corn	1,089	.4	1,089	708	708	100.0	65.0	65.0	34	10	9	62	28	25
Soybeans	1,224	.6	808	1,224	1,224	66.0	100.0	100.0	4	17	17	10	28	28
Cotton	4,663	1.1	4,663	2,800	2,800	100.0	60.0	60.0	173	44	41	74	31	29
Vegetables	1,406	34.7	1,406	1,406	1,406	100.0	100.0	100.0	32	38	24	46	54	34
Nursery and greenhouse	400	33.6	400	400	400	100.0	100.0	100.0	26	19	19	130	95	95
Intertilled crops	8,782	1.0	8,366	6,538	6,538	95.3	74.4	74.4	269	128	110	64	39	34

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-64														
Louisiana--Continued														
Rice (close-growing crop)	74,327	100.0	63,282	59,446	57,529	85.1	80.0	77.4	1,155	799	735	36	27	26
Tame hay and cropland pasture	10	---	10	10	10	100.0	100.0	100.0	---	---	---	48	36	36
Improved permanent pasture	1,847	.8	1,847	1,200	1,200	100.0	65.0	65.0	44	18	18	48	30	30
Hay and pasture	1,857	.2	1,857	1,210	1,210	100.0	65.2	65.2	44	18	18	47	30	30
Total	84,966	4.2	73,505	67,194	65,277	86.5	79.1	76.8	1,468	945	863	40	28	26
Missouri:														
Corn	4,282	1.6	4,282	4,282	4,282	100.0	100.0	100.0	126	83	81	60	39	38
Soybeans	1,710	.2	---	86	86	---	5.0	5.0	---	2	2	---	47	47
Cotton	6,696	1.7	6,696	6,696	6,696	100.0	100.0	100.0	201	201	201	60	60	60
Small fruits	67	29.9	67	67	67	100.0	100.0	100.0	1	1	1	30	30	30
Intertilled crops	12,755	.9	11,045	11,131	11,131	86.6	87.3	87.3	330	287	285	60	52	51
Tame hay and cropland pasture	395	.2	99	99	99	25.1	25.1	25.1	1	2	1	20	40	20
Total	13,150	.8	11,144	11,230	11,230	84.7	85.4	85.4	331	289	286	59	51	51
Total ASR-64:														
Corn	7,481	1.3	7,481	7,100	7,100	100.0	94.9	94.9	215	114	111	57	32	31
Soybeans	17,934	1.0	808	3,139	3,139	4.5	17.5	17.5	4	46	46	10	29	29
Cotton	70,929	4.7	70,929	69,066	69,066	100.0	97.4	97.4	2,757	1,436	2,029	78	42	59
Vegetables	1,406	34.7	1,406	1,406	1,406	100.0	100.0	100.0	32	38	24	46	54	34
Nursery and greenhouse	400	33.6	400	400	400	100.0	100.0	100.0	26	19	19	130	95	95
Small fruits	67	29.9	67	67	67	100.0	100.0	100.0	1	1	1	30	30	30
Intertilled crops	98,217	2.5	81,091	81,178	81,178	82.6	82.7	82.7	3,035	1,654	2,230	75	41	55
Rice (close-growing crop)	153,298	100.0	130,407	59,446	74,310	85.1	38.8	48.5	2,833	799	903	43	27	24
Tame hay and cropland pasture	405	---	109	109	109	26.9	26.9	26.9	1	2	1	18	37	18
Improved permanent pasture	4,199	1.7	4,199	3,552	3,552	100.0	84.6	84.6	115	36	36	55	20	20
Hay and pasture	4,604	.4	4,308	3,661	3,661	93.6	79.5	79.5	116	38	37	54	21	20
Total	256,119	4.8	215,806	144,285	159,149	84.3	56.3	62.1	5,984	2,491	3,170	55	35	40
ASR-65														
Louisiana:														
Corn	415	.6	407	166	166	98.1	40.0	40.0	17	3	3	84	36	36
Soybeans	8	---	5	8	8	62.5	100.0	100.0	---	---	---	12	40	40
Cotton	25	.1	25	17	16	100.0	68.0	64.0	1	---	---	80	50	49
Vegetables	198	3.3	194	188	178	98.0	94.9	89.9	7	9	5	72	96	56
Small fruits	8	20.0	8	8	8	100.0	100.0	100.0	---	---	---	60	120	60
Intertilled crops	654	.5	639	387	376	97.7	59.2	57.5	25	12	3	78	62	43
Rice (close-growing crop)	387,666	100.0	364,716	353,551	334,943	94.1	91.2	86.4	6,327	4,838	3,908	35	27	23
Tame hay and cropland pasture	270	---	265	216	202	98.1	80.0	74.8	7	5	3	53	46	30
Improved permanent pasture	1,441	3.0	1,271	1,038	972	88.2	72.0	67.5	29	24	14	46	46	29
Hay and pasture	1,711	.2	1,536	1,254	1,174	89.8	73.3	68.6	36	29	17	47	46	29
Total	390,031	25.4	366,891	355,192	336,493	94.1	91.1	86.3	6,388	4,879	3,933	35	27	23
Texas:														
Corn	1,566	.9	1,566	1,566	1,566	100.0	100.0	100.0	70	46	46	89	59	59
Sorghums	3,715	2.0	3,715	3,715	3,715	100.0	100.0	100.0	149	75	75	80	40	40
Cowpeas	303	1.9	303	303	303	100.0	100.0	100.0	3	6	6	20	40	40
Cotton	10,890	4.0	10,000	10,000	2,500	91.8	91.8	23.0	400	200	50	80	40	40
Vegetables	934	7.2	934	934	934	100.0	100.0	100.0	18	36	36	39	77	77
Intertilled crops	17,408	2.6	16,518	16,518	9,018	94.9	94.9	51.8	640	363	213	77	44	47

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-65														
Texas--Continued														
Rice (close-growing crop)	425,681	99.9	383,520	383,520	91,622	90.1	90.1	21.5	9,725	7,145	1,695	51	37	37
Tame hay and cropland pasture	1,319	.1	1,000	1,000	1,000	75.8	75.8	75.8	50	25	25	100	50	50
Improved permanent pasture	76,486	16.2	51,917	51,917	15,800	67.9	67.9	20.7	936	769	237	36	30	30
Hay and pasture	77,805	4.8	52,917	52,917	16,800	68.0	68.0	21.6	986	794	262	37	30	31
Total	520,894	19.3	452,955	452,955	117,440	87.0	87.0	22.5	11,351	8,302	2,170	50	37	37
Total ASR-65:														
Corn	1,981	.8	1,973	1,732	1,732	99.6	87.4	87.4	87	49	49	88	57	57
Sorghums	3,715	2.0	3,715	3,715	3,715	100.0	100.0	100.0	149	75	75	80	40	40
Soybeans	8	---	5	8	8	62.5	100.0	100.0	---	---	---	12	40	40
Cowpeas	303	1.9	303	303	303	100.0	100.0	100.0	3	6	6	20	40	40
Cotton	10,915	3.8	10,025	10,017	2,516	91.8	91.8	23.0	401	200	50	80	40	40
Vegetables	1,132	6.0	1,128	1,122	1,112	99.6	99.1	98.2	25	45	41	44	80	74
Small fruits	8	20.0	8	8	8	100.0	100.0	100.0	---	---	---	60	120	60
Intertilled crops	18,062	2.3	17,137	16,905	9,394	95.0	93.6	52.0	665	375	221	78	44	47
Rice (close-growing crop)	813,347	100.0	748,236	737,071	426,565	92.0	90.6	52.4	16,052	11,983	5,603	43	33	26
Tame hay and cropland pasture	1,589	.1	1,265	1,216	1,202	79.6	76.5	75.6	57	30	28	90	49	47
Improved permanent pasture	77,927	15.0	53,188	52,955	16,772	68.3	68.0	21.5	965	793	251	36	30	30
Hay and pasture	79,516	3.0	54,453	54,171	17,974	68.5	68.1	22.6	1,022	823	279	38	30	31
Total	910,925	21.5	819,846	808,147	453,933	90.0	88.7	49.8	17,739	13,181	6,103	43	33	27
ASR-66														
Arkansas:														
Corn	1,097	1.8	1,097	1,097	1,097	100.0	100.0	100.0	22	16	16	40	29	29
Cotton	4,793	5.3	4,793	4,793	4,793	100.0	100.0	100.0	192	96	144	80	40	60
Intertilled crops	5,890	3.9	5,890	5,890	5,890	100.0	100.0	100.0	214	112	160	73	38	54
Rice (close-growing crop)	11,706	100.0	10,535	---	2,634	90.0	---	22.5	249	---	25	47	---	19
Improved permanent pasture	800	.8	600	600	600	75.0	75.0	75.0	18	4	4	60	13	13
Total	18,396	7.0	17,025	6,490	9,124	92.5	35.3	49.6	481	116	189	56	36	42
Louisiana:														
Corn	19	---	19	19	19	100.0	100.0	100.0	---	---	---	45	30	30
Cotton	109	.4	109	109	109	100.0	100.0	100.0	3	2	2	55	37	37
Vegetables	39	1.4	39	39	39	100.0	100.0	100.0	1	1	1	51	51	51
Small fruits	1	12.5	1	1	1	100.0	100.0	100.0	---	---	---	40	80	40
Tree fruits	60	.9	60	60	60	100.0	100.0	100.0	2	2	2	67	67	67
Intertilled crops	228	.3	228	228	228	100.0	100.0	100.0	6	5	5	53	44	44
Rice (close-growing crop)	3,833	100.0	3,756	3,756	3,568	98.0	98.0	93.1	60	56	49	32	30	27
Tame hay and cropland pasture	200	.1	200	200	200	100.0	100.0	100.0	5	4	4	50	40	40
Improved permanent pasture	74	.1	74	74	74	100.0	100.0	100.0	2	2	2	54	54	54
Hay and pasture	274	.1	274	274	274	100.0	100.0	100.0	7	6	6	51	44	44
Total	4,335	.9	4,258	4,258	4,070	98.2	98.2	93.9	73	67	60	34	31	29
Texas:														
Corn	1,084	.5	1,084	1,084	1,084	100.0	100.0	100.0	54	33	33	100	61	61
Sorghums	2,236	2.1	2,236	2,236	2,236	100.0	100.0	100.0	112	67	34	100	60	30
Peanuts	700	2.2	700	700	700	100.0	100.0	100.0	7	14	7	20	40	20
Cotton	33,164	13.2	33,164	33,164	33,164	100.0	100.0	100.0	1,327	1,327	664	80	80	40
Vegetables	918	2.7	918	918	918	100.0	100.0	100.0	37	37	18	81	81	39
Sweetpotatoes	667	3.8	667	667	667	100.0	100.0	100.0	13	26	26	39	78	78
Intertilled crops	38,769	5.9	38,769	38,769	38,769	100.0	100.0	100.0	1,550	1,504	782	80	78	40

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-66														
Texas--Continued														
Wheat	431	26.5	431	431	431	100.0	100.0	100.0	19	9	9	88	42	42
Rice	2,164	100.0	2,164	2,164	2,164	100.0	100.0	100.0	86	43	43	79	40	40
Close-growing crops	2,595	68.5	2,595	2,595	2,595	100.0	100.0	100.0	105	52	52	81	40	40
Tame hay and cropland pasture	1,459	.1	1,459	1,459	1,459	100.0	100.0	100.0	73	37	37	100	50	50
Improved permanent pasture	2,191	.2	2,191	2,191	2,191	100.0	100.0	100.0	160	53	53	146	48	48
Hay and pasture	3,650	.1	3,650	3,650	3,650	100.0	100.0	100.0	233	90	90	128	49	49
Total	45,014	1.2	45,014	45,014	45,014	100.0	100.0	100.0	1,888	1,646	924	84	73	41
Total ASR-66:														
Corn	2,200	.7	2,200	2,200	2,200	100.0	100.0	100.0	76	49	49	69	45	45
Sorghums	2,236	2.1	2,236	2,236	2,236	100.0	100.0	100.0	112	67	34	100	60	30
Peanuts	700	2.2	700	700	700	100.0	100.0	100.0	7	14	7	20	40	20
Cotton	38,066	10.2	38,066	38,066	38,066	100.0	100.0	100.0	1,522	1,425	810	80	75	43
Vegetables	957	2.6	957	957	957	100.0	100.0	100.0	38	38	19	79	79	40
Sweetpotatoes	667	3.8	667	667	667	100.0	100.0	100.0	13	26	26	39	78	78
Small fruits	1	12.5	1	1	1	100.0	100.0	100.0	---	---	---	40	80	40
Tree fruits	60	.9	60	60	60	100.0	100.0	100.0	2	2	2	67	67	67
Intertilled crops	44,887	5.0	44,887	44,887	44,887	100.0	100.0	100.0	1,770	1,621	947	79	72	42
Wheat	431	26.5	431	431	431	100.0	100.0	100.0	19	9	9	88	42	42
Rice	17,703	100.0	16,455	5,920	8,366	93.0	33.4	47.3	395	99	117	48	33	28
Close-growing crops	18,134	93.8	16,886	6,351	8,797	93.1	35.0	48.5	414	108	126	49	34	29
Tame hay and cropland pasture	1,659	.1	1,659	1,659	1,659	100.0	100.0	100.0	78	41	41	94	49	49
Improved permanent pasture	3,065	.2	2,865	2,865	2,865	93.5	93.5	93.5	180	59	59	126	41	41
Hay and pasture	4,724	.1	4,524	4,524	4,524	95.8	95.8	95.8	258	100	100	114	44	44
Total	67,745	1.5	66,297	55,762	58,208	97.9	82.3	85.9	2,442	1,829	1,173	74	66	40
ASR-67														
Arkansas:														
Vegetables (intertilled crop)	853	22.7	853	853	853	100.0	100.0	100.0	16	21	11	38	49	26
Missouri:														
Corn	401	.5	401	401	401	100.0	100.0	100.0	12	8	8	60	40	40
Nursery and greenhouse	100	11.7	100	100	100	100.0	100.0	100.0	4	4	4	80	80	80
Small fruits	150	24.8	150	150	150	100.0	100.0	100.0	4	4	4	53	53	53
Intertilled crops	651	.8	651	651	651	100.0	100.0	100.0	20	16	16	61	49	49
Tame hay and cropland pasture	200	---	100	100	100	50.0	50.0	50.0	1	2	1	20	40	20
Total	851	.2	751	751	751	88.2	82.2	88.2	21	18	17	56	48	45
Oklahoma:														
Corn	100	1.1	100	90	90	100 0	90.0	90.0	1	1	1	20	22	22
Vegetables	668	41.3	668	668	668	100.0	100.0	100.0	8	16	8	24	48	24
Intertilled crops	768	7.3	768	758	758	100.0	98.7	98.7	9	17	9	23	45	24
Tame hay and cropland pasture	215	.1	194	194	161	90.2	90.2	74.9	1	2	1	10	21	12
Improved permanent pasture	250	.9	250	138	225	100.0	55.2	90.0	2	1	1	16	14	9
Hay and pasture	465	.2	444	332	386	95.5	71.4	83.0	3	3	2	14	18	10
Total	1,233	.6	1,212	1,090	1,144	98.3	88.4	92.8	12	20	11	20	37	19

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-67--Continued	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total ASR-67:														
Corn	501	0.6	501	491	491	100.0	98.0	98.0	13	9	9	52	37	37
Vegetables	1,521	28.3	1,521	1,521	1,521	100.0	100.0	100.0	24	37	19	32	49	25
Nursery and greenhouse	100	11.7	100	100	100	100.0	100.0	100.0	4	4	4	80	80	80
Small fruits	150	24.8	150	150	150	100.0	100.0	100.0	4	4	4	53	53	53
Intertilled crops	2,272	2.3	2,272	2,262	2,262	100.0	99.6	99.6	45	54	36	40	48	32
Tame hay and cropland pasture	415	.1	294	294	261	70.8	70.8	62.9	2	4	2	14	27	15
Improved permanent pasture	250	.9	250	138	225	100.0	55.2	90.0	2	1	1	16	14	9
Hay and pasture	665	.1	544	432	486	81.8	65.0	73.1	4	5	3	15	23	12
Total	2,937	.4	2,816	2,694	2,748	95.9	91.7	93.6	49	59	39	35	44	28
ASR-68														
Kansas:														
Corn	3,258	.9	2,523	2,523	1,410	77.4	77.4	43.3	39	52	12	31	42	17
Sorghums	2,436	.6	1,218	1,218	600	50.0	50.0	24.6	20	25	4	33	41	13
Sugarbeets	5	100.0	5	5	5	100.0	100.0	100.0	---	---	---	40	40	15
Vegetables	98	13.2	91	91	54	92.9	92.9	55.1	3	2	1	66	53	26
Popcorn	200	7.2	180	180	50	90.0	90.0	25.0	4	4	---	40	40	20
Intertilled crops	5,997	.7	4,017	4,017	2,119	67.0	67.0	35.3	66	83	17	33	41	16
Wheat (close-growing crop)	290	---	261	261	120	90.0	90.0	41.4	3	4	1	21	27	10
Tame hay and cropland pasture	1,553	.3	777	777	473	50.0	50.0	30.5	14	19	4	35	49	16
Improved permanent pasture	696	.4	368	368	227	52.9	52.9	32.6	7	9	2	37	49	15
Hay and pasture	2,249	.3	1,145	1,145	700	50.9	50.9	31.1	21	28	6	37	49	16
Total	8,536	.4	5,423	5,423	2,939	63.5	63.5	34.4	90	115	24	33	42	16
Oklahoma:														
Corn	550	1.1	550	522	440	100.0	94.9	80.0	8	7	4	29	27	18
Sorghums	103	.2	93	100	93	90.3	97.1	90.3	1	1	1	22	20	22
Intertilled crops	653	.6	643	622	533	98.5	95.3	81.6	9	8	5	28	26	19
Tame hay and cropland pasture	400	.1	360	360	240	90.0	90.0	60.0	3	5	1	17	28	8
Improved permanent pasture	675	.3	608	608	473	90.1	90.1	70.1	6	7	3	20	23	13
Hay and pasture	1,075	.2	968	968	713	90.0	90.0	66.3	9	12	4	19	25	11
Total	1,728	.3	1,611	1,590	1,246	93.2	92.0	72.1	18	20	9	22	25	14
Total ASR-68:														
Corn	3,808	.9	3,073	3,045	1,850	80.7	80.0	48.6	47	59	16	31	39	17
Sorghums	2,539	.5	1,311	1,318	693	51.6	51.9	27.3	21	26	5	32	39	14
Sugarbeets	5	100.0	5	5	5	100.0	100.0	100.0	---	---	---	40	40	15
Vegetables	98	13.2	91	91	54	92.9	92.9	55.1	3	2	1	66	53	26
Popcorn	200	7.2	180	180	50	90.0	90.0	25.0	4	4	---	40	40	20
Intertilled crops	6,650	.7	4,660	4,639	2,652	70.1	69.8	39.9	75	91	22	32	39	17
Wheat (close-growing crop)	290	---	261	261	120	90.0	90.0	41.4	3	4	1	21	27	10
Tame hay and cropland pasture	1,953	.2	1,137	1,137	713	58.2	58.2	36.5	17	24	5	30	42	14
Improved permanent pasture	1,371	.3	976	976	700	71.2	71.2	51.1	13	16	5	27	33	14
Hay and pasture	3,324	.3	2,113	2,113	1,413	63.6	63.6	42.5	30	40	10	28	38	14
Total	10,264	.4	7,034	7,013	4,185	68.5	68.3	40.8	108	135	33	31	38	16

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-69														
Kansas:														
Corn	672	0.2	605	605	605	90.0	90.0	90.0	12	12	2	40	40	7
Sorghums	40	---	24	24	24	60.0	60.0	60.0	---	---	---	25	33	8
Vegetables	9	7.4	8	8	8	88.9	88.9	88.9	---	---	---	75	50	6
Nursery and greenhouse	100	30.3	90	90	90	90.0	90.0	90.0	4	2	---	89	44	10
Intertilled crops	821	.2	727	727	727	88.6	88.9	88.9	16	14	2	46	40	7
Tame hay and cropland pasture	59	---	30	30	30	50.8	50.8	50.8	1	1	---	40	53	7
Improved permanent pasture	12	---	12	12	---	100.0	100.0	---	---	---	---	33	50	---
Hay and pasture	71	---	42	42	30	59.2	59.2	42.3	1	1	---	38	52	7
Total	892	.1	769	769	757	86.2	86.2	84.9	17	15	2	44	39	5
Missouri:														
Corn	528	.1	528	528	528	100.0	100.0	100.0	16	10	10	61	38	38
Tree fruits	200	5.2	200	200	200	100.0	100.0	100.0	4	2	2	40	20	20
Intertilled crops	728	.1	728	728	728	100.0	100.0	100.0	20	12	12	55	33	33
Tame hay and cropland pasture	100	---	50	50	50	50.0	50.0	50.0	1	1	1	40	40	40
Total	828	.1	778	778	778	94.0	94.0	94.0	21	13	13	54	33	33
Total ASR-69:														
Corn	1,200	.1	1,133	1,133	1,133	94.4	94.4	94.4	28	22	12	49	39	21
Sorghums	40	---	24	24	24	60.0	60.0	60.0	---	---	---	25	33	8
Vegetables	9	7.4	8	8	8	88.9	88.9	88.9	---	---	---	75	50	6
Nursery and greenhouse	100	30.3	90	90	90	90.0	90.0	90.0	4	2	---	80	42	10
Tree fruits	200	5.2	200	200	200	100.0	100.0	100.0	4	2	2	40	20	20
Intertilled crops	1,549	.2	1,455	1,455	1,455	93.9	93.9	93.9	36	26	14	49	36	19
Tame hay and cropland pasture	159	---	80	80	80	50.3	50.3	50.3	2	2	1	40	45	28
Improved permanent pasture	12	---	12	12	---	100.0	100.0	---	---	---	---	33	50	---
Hay and pasture	171	---	92	92	80	53.8	53.8	46.8	2	2	1	39	46	28
Total	1,720	.1	1,547	1,547	1,535	89.9	89.9	89.2	38	28	15	49	36	20
ASR-70														
Iowa:														
Corn	8,956	.3	8,956	8,956	3,000	100.0	100.0	33.5	269	135	30	60	30	20
Vegetables	1,500	82.8	1,500	1,500	---	100.0	100.0	---	4	8	---	5	11	---
Intertilled crops	10,456	.3	10,456	10,456	3,000	100.0	100.0	28.7	273	143	30	52	27	20
Kansas:														
Corn	3,657	.7	3,291	3,291	620	90.0	90.0	17.0	107	55	6	65	34	19
Sorghums	443	.2	266	266	70	60.0	60.0	15.8	8	6	1	56	47	20
Vegetables	400	13.3	380	380	380	95.0	95.0	95.0	13	10	4	70	50	19
Potatoes	100	19.1	90	90	20	90.0	90.0	20.0	3	2	---	64	44	15
Popcorn	50	6.6	50	50	9	100.0	100.0	18.0	2	1	---	64	32	19
Nursery and greenhouse	100	9.1	80	80	28	80.0	80.0	28.0	3	2	---	80	40	10
Small fruits	50	21.9	35	35	12	70.0	70.0	24.0	1	1	---	69	40	17
Tree fruits	200	7.4	100	100	34	50.0	50.0	17.0	2	2	---	42	30	10
Intertilled crops	5,000	.7	4,292	4,292	1,173	85.8	85.8	23.5	139	79	11	65	36	19
Wheat	42	---	42	42	20	100.0	100.0	47.6	1	1	---	38	29	10
Barley	4	---	4	4	4	100.0	100.0	100.0	---	---	---	50	30	15
Close-growing crops	46	---	46	46	24	100.0	100.0	52.2	1	1	---	43	43	11
Tame hay and cropland pasture	161	---	80	80	20	49.7	49.7	12.4	2	1	---	52	38	20
Improved permanent pasture	65	---	65	65	15	100.0	100.0	23.1	1	1	---	34	25	13
Hay and pasture	226	---	145	145	35	64.2	64.2	15.5	3	2	---	41	28	17
Total	5,272	.3	4,483	4,483	1,232	85.0	85.0	23.4	143	82	11	64	37	18

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-70--Continued	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Missouri:														
Corn	1,700	0.2	1,700	1,700	1,700	100.0	100.0	100.0	51	33	32	60	39	38
Soybeans	50	---	---	3	3	---	6.0	6.0	---	---	---	---	40	40
Tobacco	200	8.0	200	200	200	100.0	100.0	100.0	3	6	7	30	60	70
Vegetables	500	33.0	500	500	500	100.0	100.0	100.0	20	21	20	80	84	80
Nursery and greenhouse	400	47.2	400	400	400	100.0	100.0	100.0	14	14	14	70	70	70
Intertilled crops	2,850	.2	2,800	2,803	2,803	98.2	98.4	98.4	88	74	73	63	53	52
Tame hay and cropland pasture	359	---	36	36	36	10.0	10.0	10.0	1	1	1	56	56	56
Total	3,209	.2	2,836	2,839	2,839	88.4	88.5	88.5	89	75	74	63	53	52
Nebraska:														
Corn	39,210	1.8	37,249	21,572	3,036	95.0	55.0	7.7	1,582	504	38	85	47	25
Sorghums	1,992	.7	1,892	817	143	95.0	41.0	7.2	70	17	2	74	42	28
Soybeans	420	.4	64	194	64	15.2	46.2	15.2	2	5	1	62	52	31
Vegetables	360	6.2	241	143	---	66.9	39.7	---	7	3	---	58	42	---
Intertilled crops	41,982	1.6	39,446	22,726	3,243	94.0	54.1	7.7	1,661	529	61	84	47	25
Wheat	260	.1	233	138	---	89.6	53.1	---	7	3	---	60	43	---
Oats	121	---	85	76	---	70.2	62.8	---	2	2	---	47	53	---
Close-growing crops	381	---	318	214	---	83.5	56.2	---	9	5	---	57	47	---
Tame hay and cropland pasture	1,119	.1	267	401	86	23.9	35.8	7.7	11	11	1	82	55	23
Improved permanent pasture	983	1.1	246	323	---	25.0	32.9	---	10	7	---	81	43	---
Hay and pasture	2,102	.2	513	724	86	24.4	34.4	4.1	21	18	1	82	50	23
Total	44,465	1.0	40,277	23,664	3,329	90.6	53.2	7.5	1,691	552	42	84	47	25
South Dakota:														
Corn	1,366	.1	1,366	1,366	990	100.0	100.0	72.5	32	22	12	47	32	24
Vegetables	154	35.8	154	154	---	100.0	100.0	---	3	2	---	39	26	---
Intertilled crops	1,520	.1	1,520	1,520	990	100.0	100.0	65.1	35	24	12	46	32	24
Oats (close-growing crop)	160	---	160	---	---	100.0	---	---	3	---	---	38	---	---
Tame hay and cropland pasture	1,277	.4	270	900	---	21.1	70.5	---	8	38	---	59	84	---
Total	2,957	.2	1,950	2,420	990	65.9	81.8	33.5	46	62	12	47	51	24
Total ASR-70:														
Corn	54,889	.7	52,562	36,885	9,346	95.8	67.2	17.0	2,041	749	118	78	41	25
Sorghums	2,435	.5	2,158	1,083	213	88.6	44.5	8.7	78	23	3	72	42	28
Soybeans	470	.2	64	197	67	13.6	41.9	14.3	2	5	1	62	51	30
Tobacco	200	8.0	200	200	200	100.0	100.0	100.0	3	6	7	30	60	70
Vegetables	2,914	23.1	2,775	2,677	880	95.2	91.9	30.2	47	43	24	34	32	55
Potatoes	100	19.1	90	90	20	90.0	90.0	20.0	3	2	---	67	44	15
Popcorn	50	6.6	50	50	9	100.0	100.0	18.0	2	1	---	80	40	19
Nursery and greenhouse	500	25.7	480	480	428	96.0	96.0	85.6	17	16	14	71	67	65
Small fruits	50	21.9	35	35	12	70.0	70.0	24.0	1	1	---	57	57	17
Tree fruits	200	7.4	100	100	34	50.0	50.0	17.0	2	2	---	40	40	10
Intertilled crops	61,808	.7	58,514	41,797	11,209	94.7	67.6	18.1	2,196	848	167	75	41	30
Wheat	302	---	275	180	20	91.1	59.6	6.6	8	4	---	58	44	10
Oats	281	---	245	76	---	87.2	27.0	---	5	2	---	41	53	---
Barley	4	---	4	4	4	100.0	100.0	100.0	---	---	---	50	30	15
Close-growing crops	587	---	524	260	24	89.3	44.3	4.1	13	6	---	50	46	11
Tame hay and cropland pasture	2,916	.1	653	1,417	142	22.4	48.6	4.9	22	51	2	67	72	28
Improved permanent pasture	1,048	.7	311	388	15	29.7	37.0	1.4	11	8	---	71	41	13
Hay and pasture	3,964	.2	964	1,805	157	24.3	45.5	4.0	33	59	2	68	65	25
Total	66,359	.5	60,002	43,862	11,390	90.4	66.1	17.2	2,242	913	169	75	42	30

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-71														
Iowa:														
Corn	1,554	---	1,554	1,554	1,554	100.0	100.0	100.0	48	23	8	62	30	10
Vegetables	389	10.6	389	389	389	100.0	100.0	100.0	1	2	2	5	10	10
Intertilled crops	1,943	.1	1,943	1,943	1,943	100.0	100.0	100.0	49	25	10	50	26	10
Total	1,943	.1	1,943	1,943	1,943	100.0	100.0	100.0	49	25	10	50	26	10
ASR-72														
South Dakota:														
Corn	200	---	104	104	200	52.0	52.0	100.0	4	2	3	77	38	30
Vegetables	70	60.9	70	---	---	100.0	---	---	2	---	---	57	---	---
Intertilled crops	270	---	174	104	200	64.4	38.5	74.1	---	---	---	---	---	---
Seed-crops (close-growing crop)	410	7.2	410	410	---	100.0	100.0	---	6	8	---	29	39	---
Tame hay and cropland pasture	298	.1	---	298	---	---	100.0	---	---	6	---	---	40	---
Total	978	0.1	584	812	200	59.7	83.0	20.4	12	16	3	41	39	30
ASR-75														
North Dakota:														
Corn	1,309	.2	1,005	764	---	76.8	58.4	---	17	17	---	34	44	---
Sugarbeets	922	80.9	922	922	---	100.0	100.0	---	31	41	---	67	89	---
Intertilled crops	2,231	.3	1,927	1,686	---	86.4	75.6	---	48	58	---	50	69	---
Wheat	1,992	---	992	1,627	---	49.8	81.7	---	14	25	---	28	31	---
Oats	791	---	180	277	---	22.8	35.0	---	2	6	---	22	43	---
Barley	453	---	99	153	---	21.9	33.8	---	1	3	---	20	39	---
Close-growing crop	3,236	---	1,271	2,057	---	39.3	63.6	---	17	34	---	27	33	---
Tame hay and cropland pasture	7,833	.5	79	1,801	---	1.0	23.0	---	2	30	---	51	56	---
Total	13,300	.1	3,277	5,544	---	24.6	41.7	---	67	142	---	41	51	---
South Dakota:														
Corn	1,151	.1	1,151	1,151	98	100.0	100.0	8.5	34	23	9	59	40	184
Vegetables	124	10.5	124	49	---	100.0	39.5	---	2	1	---	32	41	---
Intertilled crops	1,275	.1	1,275	1,200	98	100.0	94.1	7.7	36	24	9	56	40	184
Oats (Close-growing crop)	2,800	.6	1,800	2,800	---	64.3	100.0	---	18	53	---	20	38	---
Tame hay and cropland pasture	926	.1	---	926	---	---	100.0	---	---	30	---	---	65	---
Improved permanent pasture	317	.6	317	---	---	100.0	---	---	8	---	---	50	---	---
Hay and pasture	1,243	.1	317	926	---	25.5	74.5	---	8	30	---	50	65	---
Total	5,318	.2	3,392	4,926	98	63.8	92.6	1.8	62	107	9	37	43	184
Total ASR-75:														
Corn	2,460	.2	2,156	1,915	98	87.6	77.8	3.9	51	40	9	47	42	184
Sugarbeets	922	80.9	922	922	---	100.0	100.0	---	31	41	---	67	89	---
Vegetables	124	10.5	124	49	---	100.0	39.5	---	2	1	---	32	41	---
Intertilled crops	3,506	.2	3,202	2,886	98	91.3	82.3	2.8	84	82	9	52	57	184
Wheat	1,992	---	992	1,627	---	49.8	81.7	---	14	25	---	28	31	---
Oats	3,591	.2	1,980	3,077	---	55.1	85.7	---	20	59	---	20	38	---
Barley	453	---	99	153	---	21.9	33.8	---	1	3	---	20	39	---
Close-growing crops	6,036	.1	3,071	4,857	---	50.9	80.5	---	35	87	---	23	36	---
Tame hay and cropland pasture	8,759	.3	79	2,727	---	.9	31.1	---	2	80	---	51	59	---
Improved permanent pasture	317	.6	317	---	---	100.0	---	---	8	---	---	50	---	---
Hay and pasture	9,076	.3	396	2,727	---	4.4	30.0	---	10	80	---	51	59	---
Total	18,618	.1	6,669	10,470	98	35.8	56.2	.5	129	249	9	39	48	184

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-76	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Kansas:														
Corn	28,921	9.1	21,691	26,691	---	75.0	75.0	---	751	278	---	69	26	---
Sorghums	5,982	1.4	2,393	2,393	---	40.0	40.0	---	76	28	---	64	24	---
Popcorn	200	91.7	150	150	---	75.0	75.0	---	5	2	---	67	27	---
Intertilled crops	35,103	4.8	24,234	24,234	---	69.0	69.0	---	832	308	---	69	25	---
Wheat	393	.1	196	196	---	49.9	49.9	---	4	2	---	43	16	---
Barley	31	.1	16	16	---	51.6	51.6	---	1	---	---	62	25	---
Close-growing crops	424	.1	212	212	---	50.0	50.0	---	5	2	---	44	17	---
Tame hay and cropland pasture	1,289	.4	516	516	---	40.0	40.0	---	21	8	---	80	30	---
Improved permanent pasture	789	2.2	397	197	---	25.0	25.0	---	5	2	---	54	20	---
Hay and pasture	2,078	.6	713	713	---	34.3	34.3	---	26	10	---	73	27	---
Total	37,605	2.2	25,159	25,159	---	66.9	66.9	---	863	320	---	69	25	---
Nebraska:														
Corn	1,301,341	32.4	1,172,322	423,211	55,760	90.1	32.5	4.3	55,023	7,524	644	94	36	23
Sorghums	112,930	9.9	107,283	37,733	5,149	95.0	33.4	4.6	4,537	671	61	85	36	24
Soybeans	7,718	25.8	2,885	1,271	257	37.4	16.5	3.3	91	29	3	63	46	23
Sugarbeets	9,983	98.9	8,876	3,525	592	88.9	35.3	5.9	306	92	7	69	52	24
Vegetables	1,156	14.1	623	259	---	53.9	22.4	---	20	5	---	64	39	---
Potatoes	1,424	58.5	1,259	503	92	88.4	35.3	6.5	42	9	1	67	36	22
Popcorn	4,721	82.6	4,485	1,960	316	95.0	41.5	6.7	204	35	3	91	36	19
Nursery and greenhouse	169	89.4	152	122	---	89.9	72.2	---	5	3	---	66	49	---
Intertilled crops	1,439,422	27.6	1,297,885	468,584	62,166	90.2	32.6	4.3	60,228	8,368	719	93	36	23
Wheat	17,157	1.1	15,440	6,733	1,128	90.0	39.2	6.6	353	128	13	46	38	23
Oats	3,137	.5	2,197	1,324	288	70.0	42.2	9.2	48	25	3	44	38	21
Barley	2,724	1.8	1,858	739	---	68.2	27.1	---	42	15	---	45	41	---
Wild hay	2,866	.6	1,126	603	---	39.3	21.0	---	34	13	---	60	43	---
Close-growing crops	25,884	.9	20,621	9,399	1,416	79.7	36.3	5.5	477	181	16	46	39	23
Tame hay and cropland pasture	84,041	5.2	11,778	20,291	2,071	14.0	24.1	2.5	365	441	23	62	43	22
Improved permanent pasture	28,400	19.0	5,807	4,396	641	20.4	15.5	2.3	190	93	8	65	42	25
Hay and pasture	112,441	6.4	17,585	24,687	2,712	15.6	22.0	2.4	555	534	31	63	43	23
Total	1,577,767	16.1	1,336,095	502,670	66,294	84.7	31.9	4.2	61,260	9,083	766	92	36	23
South Dakota:														
Corn	280	---	280	280	150	100.0	100.0	53.6	8	5	2	57	36	27
Vegetables	97	20.2	97	97	---	100.0	100.0	---	2	2	---	41	41	---
Intertilled crops	377	---	377	377	150	100.0	100.0	39.8	10	7	2	53	37	27
Tame hay and cropland pasture	738	.1	---	738	---	---	100.0	---	---	21	---	---	57	---
Total	1,115	.1	377	1,115	150	33.8	100.0	13.5	10	28	2	53	50	27
Total ASR-76:														
Corn	1,330,542	23.6	1,194,293	445,182	55,910	89.8	33.5	4.2	55,782	7,807	646	93	35	23
Sorghums	118,912	7.6	109,676	40,126	5,140	92.2	33.7	4.3	4,613	699	61	84	35	24
Soybeans	7,718	25.8	2,885	1,271	257	37.4	16.5	3.3	91	29	3	63	46	23
Sugarbeets	9,983	98.9	8,876	3,525	592	88.9	35.3	5.9	306	92	7	69	52	24
Vegetables	1,253	14.5	720	356	---	57.5	28.4	---	22	7	---	61	39	---
Potatoes	1,424	58.5	1,259	503	92	88.4	35.3	6.5	42	9	1	67	36	22
Popcorn	4,921	83.0	4,635	2,110	316	94.2	42.9	6.4	209	37	3	90	35	19
Nursery and greenhouse	169	89.4	152	122	---	89.9	72.2	---	5	3	---	66	49	---
Intertilled crops	1,474,922	20.3	1,322,496	493,195	62,316	89.7	33.4	4.2	61,070	8,683	721	92	35	23
Wheat	17,550	.8	15,636	6,929	1,128	89.1	39.5	6.4	357	130	13	46	38	23
Oats	3,137	.5	2,197	1,324	288	70.0	42.2	9.2	48	25	3	44	38	21
Barley	2,755	1.5	1,874	755	---	68.0	27.4	---	42	15	---	45	40	---
Wild hay	2,866	.6	1,126	603	---	39.3	21.0	---	34	13	---	60	43	---
Close-growing crops	24,308	.8	20,833	9,611	1,416	79.2	36.5	5.4	481	183	16	46	38	23

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total ASR-76--Continued														
Tame hay and cropland pasture	86,068	3.1	12,294	21,545	2,071	14.3	25.0	2.4	386	470	23	63	44	22
Improved permanent pasture	29,189	15.7	6,004	4,593	641	20.6	15.7	2.2	195	95	8	65	41	25
Hay and pasture	115,257	3.9	18,298	26,138	2,712	15.9	22.7	2.4	581	565	31	63	43	23
Total	1,616,487	11.8	1,361,627	528,944	66,444	84.2	32.7	4.1	62,132	9,431	768	91	36	23
ASR-77														
Kansas:														
Corn	11,418	5.4	8,564	8,564	---	75.0	75.0	---	189	152	---	44	36	---
Sorghums	12,802	1.5	5,121	5,121	---	40.0	40.0	---	94	75	---	37	29	---
Vegetables	227	19.9	204	204	---	89.9	89.9	---	7	5	---	65	49	---
Nursery and greenhouse	400	88.3	240	240	---	60.0	60.0	---	10	5	---	83	42	---
Tree fruits	700	37.9	560	560	---	80.0	80.0	---	16	6	---	58	23	---
Miscellaneous (unspecified)	125	1.6	50	50	---	40.0	40.0	---	1	1	---	28	24	---
Intertilled crops	25,672	2.3	14,739	14,739	---	57.4	57.4	---	317	244	---	43	33	---
Wheat	2,228	.1	1,782	1,782	---	80.0	80.0	---	20	16	---	22	18	---
Barley	212	.1	106	106	---	50.0	50.0	---	1	1	---	28	23	---
Close-growing crops	2,440	.1	1,888	1,888	---	77.4	77.4	---	21	17	---	22	18	---
Tame hay and cropland pasture	4,750	.9	1,880	1,880	---	39.6	39.6	---	31	25	---	33	27	---
Improved permanent pasture	3,048	4.2	762	762	---	25.0	25.0	---	9	7	---	23	18	---
Hay and pasture	7,798	1.3	2,642	2,642	---	33.9	33.9	---	40	32	---	30	24	---
Total	35,910	.9	19,269	19,269	---	53.7	53.7	---	378	293	---	39	30	---
Oklahoma:														
Corn	15	.1	15	14	9	100.0	93.3	60.0	---	---	---	60	28	14
Sorghums	1,784	1.1	1,607	1,338	892	90.0	75.0	50.0	20	20	9	25	30	20
Peanuts	81	18.2	---	73	73	---	90.1	90.1	---	1	1	---	27	27
Cotton	380	1.7	308	257	205	81.1	67.6	53.9	4	4	2	26	31	20
Vegetables	112	10.5	112	112	112	100.0	100.0	100.0	---	---	---	12	35	20
Intertilled crops	2,372	1.1	2,042	1,794	1,291	86.1	75.6	54.4	24	25	12	24	28	19
Wheat (close-growing crop)	854	.1	722	402	80	84.5	47.1	9.3	7	5	---	19	25	10
Tame hay and cropland pasture	937	.3	759	759	505	81.0	81.0	53.9	8	17	3	21	45	12
Improved permanent pasture	2,385	3.0	1,717	1,908	800	72.0	80.0	33.5	13	38	4	15	40	10
Hay and pasture	3,322	.8	2,476	2,667	1,305	74.5	80.3	39.3	21	55	7	17	41	11
Total	6,548	.3	5,240	4,863	2,676	80.0	74.3	40.9	52	85	19	20	35	14
Total ASR-77:														
Corn	11,433	5.2	8,579	8,578	9	75.0	75.0	---	189	152	---	44	35	14
Sorghums	14,586	1.4	6,728	6,459	892	46.1	44.3	6.1	114	95	9	34	29	20
Peanuts	81	18.2	---	73	73	---	90.1	90.1	---	1	1	---	27	27
Cotton	380	1.7	308	257	205	81.0	67.6	53.9	4	4	2	26	31	20
Vegetables	339	4.7	316	316	112	93.2	93.2	33.0	7	5	---	44	32	20
Nursery and greenhouse	400	88.3	240	240	---	60.0	60.0	---	10	5	---	83	42	---
Tree fruits	700	37.9	560	560	---	80.0	80.0	---	16	6	---	57	21	---
Miscellaneous (unspecified)	125	1.6	50	50	---	40.0	40.0	---	1	1	---	40	40	---
Intertilled crops	28,044	2.1	16,781	16,533	1,291	59.8	60.0	4.6	341	269	12	41	33	19
Wheat	3,082	---	2,504	2,184	80	81.2	70.9	2.6	27	21	---	22	19	10
Barley	212	.1	106	106	---	50.0	50.0	---	1	1	---	19	19	---
Close-growing crops	3,294	.1	2,610	2,290	80	68.8	68.8	2.1	28	22	---	21	19	10
Tame hay and cropland pasture	5,687	.7	2,639	2,639	505	46.4	46.4	8.9	39	42	3	30	32	12
Improved permanent pasture	5,433	3.6	2,479	2,670	800	45.6	49.1	14.7	22	45	4	18	34	10
Hay and pasture	11,120	1.1	5,118	5,309	1,305	46.0	47.7	11.7	61	87	7	24	33	11
Total	42,458	.7	24,509	24,132	2,676	57.1	56.2	6.2	430	378	19	35	31	14

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1958--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-78														
Oklahoma:														
Corn	315	0.4	299	284	205	94.9	90.2	65.1	7	5	2	47	35	20
Sorghums	380	.3	361	285	285	95.0	75.0	75.0	5	5	1	28	35	7
Peanuts	87	.3	---	87	44	---	100.0	50.6	---	1	---	---	23	8
Cotton	116	.2	112	93	75	96.6	80.2	64.7	1	1	1	18	22	27
Vegetables	11	.1	11	11	11	100.0	100.0	100.0	---	---	---	24	40	20
Intertilled crops	909	.3	783	760	620	86.1	83.6	68.2	13	12	4	33	32	13
Wheat (close-growing crop)	15	---	14	11	8	93.3	73.3	53.3	---	---	---	25	28	10
Tame hay and cropland pasture	120	---	108	108	90	90.0	90.0	75.0	1	2	1	19	37	22
Improved permanent pasture	4,421	1.2	3,979	3,316	3,095	90.0	75.0	70.0	32	53	19	16	32	12
Hay and pasture	4,541	.4	4,087	3,424	3,185	90.0	75.4	70.1	33	55	20	16	32	13
Total	5,465	.3	4,884	4,195	3,813	89.4	76.8	69.8	46	67	24	19	32	13
ASR-79														
Oklahoma:														
Corn	123	.5	117	111	80	95.1	90.2	65.0	3	2	---	51	36	12
Sorghums	20	---	19	15	15	95.0	75.0	75.0	---	---	---	20	32	16
Peanuts	561	2.0	337	544	477	60.1	97.0	85.0	8	12	7	47	44	29
Cotton	776	1.9	698	621	504	89.9	80.0	64.9	9	9	5	26	29	20
Intertilled crops	1,480	1.1	1,171	1,291	1,076	79.1	87.2	72.7	20	23	12	34	36	22
Tame hay and cropland pasture	412	.1	185	185	124	44.9	44.9	30.1	2	4	1	22	43	16
Improved permanent pasture	3,553	2.8	3,198	2,665	1,777	90.0	75.0	50.0	26	35	11	16	26	12
Hay and pasture	3,965	.9	3,383	2,850	1,901	85.3	71.9	47.9	28	39	12	17	27	13
Total	5,445	.9	4,554	4,141	2,977	83.6	76.1	54.7	48	62	24	21	30	16
Texas:														
Corn	201	.3	201	201	201	100.0	100.0	100.0	7	4	4	70	40	40
Sorghums	923	.4	923	923	923	100.0	100.0	100.0	28	14	14	61	30	30
Peanuts	2,419	2.3	2,419	2,419	2,419	100.0	100.0	100.0	36	72	36	30	60	30
Cotton	1,227	.9	1,227	1,227	1,227	100.0	100.0	100.0	25	25	12	41	41	20
Vegetables	1,070	20.0	1,070	1,070	1,070	100.0	100.0	100.0	32	32	16	60	60	30
All fruits	817	2.9	817	817	817	100.0	100.0	100.0	8	16	16	20	39	39
Intertilled crops	6,657	1.2	6,657	6,657	6,657	100.0	100.0	100.0	136	163	98	41	49	29
Wheat, oats, barley (close-growing crops)	900	.2	900	900	900	100.0	100.0	100.0	27	13	13	60	29	29
Tame hay and cropland pasture	1,456	.1	1,456	1,456	725	100.0	100.0	49.8	109	36	18	150	49	50
Total	9,013	.4	9,013	9,013	9,013	100.0	100.0	91.9	272	212	129	60	25	31
Total ASR-79:														
Corn	324	.3	318	312	281	98.1	96.3	86.7	10	6	4	63	38	28
Sorghums	943	.4	942	938	938	99.9	99.5	99.5	28	14	14	59	30	30
Peanuts	2,980	2.2	2,756	2,963	2,896	92.5	99.4	97.2	44	84	43	32	57	30
Cotton	2,003	1.2	1,925	1,848	1,731	96.1	92.3	86.4	34	34	17	35	37	20
Vegetables	1,070	20.0	1,070	1,070	1,070	100.0	100.0	100.0	32	32	16	60	60	30
All fruits	817	2.9	817	817	817	100.0	100.0	100.0	8	16	16	20	39	39
Intertilled crops	8,157	1.2	7,828	7,948	7,733	96.2	97.7	95.0	156	186	110	40	47	28
Wheat, oats, barley (close-growing crops)	900	.2	900	900	900	100.0	100.0	100.0	27	13	13	60	29	29
Tame hay and cropland pasture	1,868	.1	1,641	1,641	849	87.8	87.8	45.4	111	40	19	135	49	45
Improved permanent pasture	3,553	2.8	3,198	2,665	1,777	90.0	75.0	50.0	26	35	11	16	26	12
Hay and pasture	5,421	.4	4,839	4,306	2,626	89.3	79.4	48.4	137	75	30	57	35	23
Total	14,458	.5	13,567	13,154	11,259	93.8	91.0	77.9	320	274	153	47	42	27

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-80														
Texas:														
Corn	1,109	0.2	1,109	1,109	1,109	100.0	100.0	100.0	50	36	18	90	65	32
Sorghums	4,827	.6	4,827	4,827	2,413	100.0	100.0	50.0	145	145	36	60	60	30
Cowpeas	20	.2	20	20	20	100.0	100.0	100.0	1	1	1	100	100	100
Peanuts	387	1.5	387	387	387	100.0	100.0	100.0	5	11	5	26	57	26
Cotton	6,247	.5	6,247	6,247	3,124	100.0	100.0	50.0	156	156	39	50	50	25
Vegetables	1,493	3.7	1,501	1,501	1,501	100.0	100.0	100.0	45	67	45	60	90	60
Intertilled crops	14,083	.5	14,091	14,091	8,554	100.0	100.0	60.7	402	416	144	57	59	34
Wheat	515	.2	515	515	341	100.0	100.0	66.2	16	10	6	62	39	35
Rice	1,336	100.0	1,336	1,336	1,336	100.0	100.0	100.0	27	27	13	40	40	19
Oats	740	.3	740	740	414	100.0	100.0	55.9	22	15	7	59	41	34
Close-growing crops	2,591	.6	2,591	2,591	2,091	100.0	100.0	80.7	65	52	26	50	40	25
Tame hay and cropland pasture	2,590	.2	2,590	2,590	---	100.0	100.0	---	117	65	---	90	50	---
Total	19,264	.4	19,272	19,272	10,645	100.0	100.0	55.2	584	533	170	61	55	32
ASR-81														
Texas:														
Corn	13,868	5.5	6,988	6,934	54	50.4	50.0	.4	244	139	1	70	40	37
Sorghums	51,154	4.1	23,726	21,800	1,800	46.4	42.6	3.5	712	636	36	60	58	40
Cowpeas	644	2.1	---	640	---	---	99.4	---	---	10	---	---	31	---
Peanuts	12,354	20.0	6,150	6,150	6,150	49.8	49.8	49.8	62	124	62	20	40	20
Cotton	45,536	9.8	42,287	42,287	8,287	92.9	92.9	18.2	1,099	846	124	52	40	30
Vegetables	48,042	48.8	48,042	48,042	7,292	100.0	100.0	15.2	1,880	1,839	111	78	77	30
Potatoes	834	69.6	830	830	---	99.5	99.5	---	42	32	---	101	77	---
All fruits	305	2.0	300	---	---	98.4	---	---	1	---	---	7	---	---
Intertilled crops	172,737	8.0	128,323	126,683	23,583	74.3	73.3	13.7	4,040	3,626	334	63	57	28
Wheat	409	1.2	400	---	---	97.8	---	---	16	---	---	80	---	---
Rice	333	100.0	330	330	---	99.1	99.1	---	7	7	---	42	42	---
Oats	2,832	2.3	2,830	---	---	99.9	---	---	113	---	---	80	---	---
Barley	566	4.4	560	---	---	98.9	---	---	22	---	---	79	---	---
Close-growing crops	4,140	2.5	4,120	330	---	99.5	8.0	---	158	7	---	77	42	---
Tame hay and cropland pasture	10,566	.8	10,550	10,550	10,550	99.8	99.8	99.8	583	264	134	111	50	25
Improved permanent pasture	59,646	2.1	19,095	19,095	---	32.0	32.0	---	294	239	---	31	25	---
Hay and pasture	70,212	1.7	29,645	29,645	10,550	42.2	42.2	15.0	877	503	134	59	34	25
Total	247,089	3.8	162,088	156,658	34,133	65.6	63.4	13.8	5,075	4,136	468	63	53	27
ASR-82														
Texas:														
Corn	16,110	76.0	7,831	---	---	48.6	---	---	331	---	---	85	---	---
Sorghums	54,619	30.8	9,498	---	---	17.4	---	---	335	---	---	71	---	---
Cowpeas	741	32.6	741	741	---	100.0	100.0	---	8	30	---	22	81	---
Cotton	264,057	61.4	217,137	---	---	82.2	---	---	7,949	---	---	73	---	---
Vegetables	123,680	87.5	86,706	86,706	9,060	70.1	70.1	7.3	2,601	2,601	272	60	60	60
Potatoes	511	81.0	511	511	511	100.0	100.0	100.0	26	20	10	102	78	39
Tree fruits	57,180	70.8	40,831	---	---	71.4	---	---	1,224	---	---	60	---	---
Intertilled crops	516,898	60.6	363,255	87,958	9,571	70.3	17.0	1.9	12,474	2,651	282	69	60	59
Oats (close-growing crop)	574	77.2	574	574	---	100.0	100.0	---	17	17	---	59	59	---
Tame hay and cropland pasture	7,520	7.7	5,579	5,579	990	74.2	74.2	13.2	122	104	18	44	37	36
Improved permanent pasture	32,234	100.0	2,287	---	---	7.1	---	---	114	---	---	100	---	---
Hay and pasture	39,754	30.6	7,866	5,579	990	19.8	14.0	2.5	236	104	18	60	37	36
Total	557,226	56.6	371,695	94,111	10,561	66.7	16.9	1.9	12,727	2,772	300	68	59	57

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-83														
Oklahoma:														
Corn	142	2.0	135	128	92	95.1	90.1	4.8	3	2	1	44	31	22
Sorghums	11,195	3.5	8,508	6,717	4,478	76.0	60.0	40.0	64	101	27	15	30	12
Peanuts	17,768	55.0	9,595	15,511	13,592	54.0	87.3	76.5	96	248	150	20	32	22
Cotton	60,306	14.0	40,707	32,923	27,138	67.5	54.6	45.0	509	495	271	25	30	20
Vegetables	57	1.9	57	57	57	100.0	100.0	100.0	1	1	---	35	35	15
Intertilled crops	89,468	11.3	59,002	55,336	45,357	65.9	61.8	50.7	673	847	449	23	31	20
Wheat (close-growing crop)	11,758	1.4	7,937	5,291	---	67.5	45.0	---	79	66	---	20	25	---
Tame hay and cropland pasture	5,563	1.1	3,504	3,504	2,336	63.0	63.0	42.0	35	79	14	20	45	12
Improved permanent pasture	8,327	10.4	5,621	4,684	4,684	67.5	56.2	56.2	63	56	35	22	24	15
Hay and pasture	13,890	2.4	9,125	8,188	7,020	65.7	58.9	50.5	98	135	49	21	33	14
Total	115,116	5.2	76,064	68,815	52,377	66.1	59.8	45.5	850	1,048	498	22	30	19
Texas:														
Corn	212	3.1	196	196	---	92.5	92.5	---	6	7	---	61	71	---
Sorghums	22,148	2.1	14,200	14,200	1,530	64.1	64.1	6.9	213	213	23	30	30	30
Soybeans	144	20.1	---	144	---	---	100.0	---	---	2	---	---	28	---
Cowpeas	320	3.7	---	320	---	---	100.0	---	---	5	---	---	31	---
Peanuts	126	1.2	126	126	126	100.0	100.0	100.0	1	2	1	16	32	16
Cotton	120,511	10.0	72,300	54,230	5,950	60.0	45.0	4.9	1,446	1,085	119	40	40	40
Vegetables	270	12.5	270	270	270	100.0	100.0	100.0	8	8	4	59	59	30
Potatoes	559	83.6	550	550	550	98.4	98.4	98.4	17	17	8	62	62	29
All fruits	234	3.9	230	230	230	98.3	98.3	98.3	2	2	1	17	17	9
Intertilled crops	144,524	6.3	87,872	70,266	8,656	60.8	48.6	6.0	1,693	1,341	156	39	38	36
Wheat	13,230	2.0	10,600	10,600	---	80.1	80.1	---	212	304	---	40	57	---
Oats	993	.9	490	490	---	49.3	49.3	---	10	12	---	41	49	---
Barley	984	2.1	460	490	---	46.7	49.8	---	10	12	---	43	49	---
Close-growing crops	15,207	1.8	11,550	11,580	---	76.0	76.1	---	232	328	---	40	57	---
Tame hay and cropland pasture	6,079	.5	6,079	6,079	---	100.0	100.0	---	243	122	---	80	40	---
Total	165,810	3.9	105,501	87,925	8,656	63.6	53.0	5.2	2,168	1,791	156	41	41	18
Total ASR-83:														
Corn	354	2.5	331	324	92	93.5	91.5	26.0	9	9	1	54	56	22
Sorghums	33,343	2.5	22,708	20,917	6,008	68.1	62.7	18.0	277	591	50	24	56	17
Soybeans	144	20.1	---	144	---	---	100.0	---	---	2	---	---	28	---
Cowpeas	320	3.7	---	320	---	---	100.0	---	---	5	---	---	31	---
Peanuts	17,894	41.6	9,721	15,637	13,718	54.3	87.4	76.7	97	250	151	20	32	22
Cotton	180,817	11.0	113,007	87,153	33,088	62.5	48.2	18.3	1,955	1,580	390	34	36	24
Vegetables	327	6.3	327	327	327	100.0	100.0	100.0	9	9	4	55	55	24
Potatoes	559	83.6	550	550	550	98.4	98.4	98.4	17	17	8	62	62	29
All fruits	234	3.9	230	230	230	98.3	98.3	98.3	2	2	1	17	17	9
Intertilled crops	233,992	7.6	146,874	125,602	54,017	62.7	53.7	23.1	2,366	2,188	605	32	35	22
Wheat	24,988	1.6	18,537	15,891	---	74.2	63.6	---	291	370	---	31	47	---
Oats	993	.9	490	490	---	49.3	49.3	---	10	12	---	41	49	---
Barley	984	2.1	460	490	---	46.7	49.8	---	10	12	---	43	49	---
Close-growing crops	26,965	1.6	19,487	16,871	---	72.3	62.6	---	311	394	---	32	47	---
Tame hay and cropland pasture	11,642	.7	9,583	9,583	2,336	82.3	82.3	20.1	278	201	14	58	42	12
Improved permanent pasture	8,327	10.4	5,621	4,684	4,684	67.5	56.2	56.2	63	56	35	22	24	15
Hay and pasture	19,969	1.2	15,204	14,267	7,020	76.1	71.4	35.2	341	257	49	45	36	14
Total	280,926	4.4	181,565	156,740	61,033	64.6	55.8	21.7	3,018	2,839	654	33	36	21

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-84														
Texas:														
Corn	8,448	73.1	5,100	1,000	---	60.4	11.8	---	234	25	---	92	50	---
Sorghums	451,600	21.1	147,200	35,720	---	32.6	7.9	---	6,893	893	---	94	50	---
Soybeans	12,188	75.0	12,100	12,100	---	99.3	99.3	---	121	182	---	20	30	---
Cowpeas	3,729	25.8	3,700	3,700	---	99.2	99.2	---	39	56	---	21	30	---
Peanuts	719	65.0	710	710	710	98.7	98.7	98.7	7	14	7	20	39	20
Cotton	941,788	57.6	441,400	263,167	---	46.9	27.9	---	16,373	7,895	---	74	60	---
Vegetables	3,311	61.8	3,310	3,310	550	100.0	100.0	16.6	99	50	8	60	30	29
Potatoes	2,184	94.4	2,180	2,180	2,180	99.8	99.8	99.8	65	65	22	60	60	20
All fruits	150	19.4	150	150	150	100.0	100.0	100.0	9	9	4	120	120	53
Intertilled crops	1,424,117	37.3	615,850	322,037	3,590	43.2	22.6	.3	23,840	9,189	41	77	57	23
Wheat	28,074	42.1	5,659	---	---	20.2	---	---	800	---	---	283	---	---
Oats	1,924	53.0	385	---	---	20.0	---	---	6	---	---	31	---	---
Barley	8,927	48.8	1,735	---	---	19.4	---	---	26	---	---	30	---	---
Close-growing crops	38,925	43.9	7,779	---	---	20.0	---	---	832	---	---	214	---	---
Tame hay and cropland pasture	11,740	5.7	7,300	11,740	---	62.2	100.0	---	292	272	---	80	46	---
Improved permanent pasture	32,145	44.9	360	360	---	1.1	1.1	---	15	12	---	83	67	---
Hay and pasture	43,885	15.9	7,660	12,100	---	17.5	27.6	---	307	284	---	80	47	---
Total	1,506,927	36.0	631,289	334,137	3,590	41.9	22.2	.2	24,979	9,473	41	79	57	23
ASR-85														
Colorado:														
Corn	80,968	39.2	49,461	---	---	61.1	---	---	2,703	---	---	109	---	---
Sorghums	98,695	17.1	22,846	7,282	---	23.1	7.4	---	483	98	---	42	27	---
Dry beans	10,115	25.1	213	1,075	---	2.1	10.6	---	3	10	---	28	19	---
Sugarbeets	22,899	98.7	20,084	20,084	---	87.7	87.7	---	922	1,447	---	92	144	---
Vegetables	16,794	99.1	16,238	16,238	16,238	96.7	96.7	96.7	457	656	125	56	81	15
Potatoes	875	92.0	641	641	641	73.3	73.3	73.3	22	28	13	69	87	41
Intertilled crops	230,346	26.6	109,483	45,320	16,879	47.5	19.7	7.3	4,590	2,239	138	84	99	16
Wheat	44,163	2.7	9,998	3,059	---	22.6	6.9	---	263	76	---	53	50	---
Barley	24,790	9.9	6,782	6,782	---	27.4	27.4	---	121	61	---	36	18	---
Close-growing crops	68,953	3.6	16,780	9,841	---	24.3	14.3	---	384	137	---	46	28	---
Tame hay and cropland pasture	170,984	20.2	2,306	16,238	---	1.3	9.5	---	3	508	---	3	63	---
Improved permanent pasture	52,869	45.9	3,334	750	---	6.3	1.4	---	41	14	---	25	37	---
Hay and pasture	223,853	23.3	5,640	16,988	---	2.5	7.6	---	44	522	---	16	61	---
Total	523,152	14.0	131,903	72,149	16,879	25.2	13.8	3.2	5,018	2,898	138	76	80	16
Kansas:														
Corn	39,449	29.0	23,947	13,334	---	60.7	33.8	---	781	179	---	65	27	---
Sorghums	313,687	11.7	118,962	36,034	---	37.9	11.5	---	3,867	401	---	65	22	---
Sugarbeets	7,751	100.0	7,751	7,751	---	100.0	100.0	---	232	122	---	60	31	---
Vegetables	1,318	67.5	1,054	1,054	---	80.0	80.0	---	50	14	---	95	27	---
Potatoes	247	74.4	120	120	---	48.6	48.6	---	4	3	---	67	67	---
Tree fruits	500	60.4	50	50	---	10.0	10.0	---	1	---	---	36	12	---
Miscellaneous (unspecified)	9,531	47.7	1,613	250	---	16.9	2.6	---	49	2	---	61	20	---
Intertilled crops	372,483	13.0	153,497	58,593	---	41.2	15.7	---	4,984	721	---	65	25	---
Wheat	179,524	3.1	79,738	30,618	---	44.4	17.1	---	1,817	225	---	46	15	---
Barley	7,751	2.3	3,368	1,295	---	43.5	16.7	---	83	13	---	49	20	---
Close-growing crops	187,275	3.0	83,106	31,913	---	44.4	17.0	---	1,900	238	---	46	15	---
Tame hay and cropland pasture	34,181	4.7	5,808	3,225	---	17.0	9.4	---	157	38	---	54	24	---
Improved permanent pasture	59,729	44.0	1,228	1,228	---	2.1	2.1	---	24	8	---	39	13	---
Hay and pasture	93,910	10.8	7,036	4,453	---	7.5	4.7	---	181	46	---	51	21	---
Total	653,668	6.6	243,639	94,959	---	37.3	14.5	---	7,065	1,005	---	58	21	---

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-85--Continued														
New Mexico:														
Corn	8,051	58.9	3,237	---	---	40.2	---	---	21	---	---	13	---	---
Sorghums	72,847	31.2	35,000	375	---	48.0	0.5	---	1,035	3	---	59	16	---
Broomcorn	7,670	21.0	1,143	1,304	333	14.9	17.0	4.3	16	15	3	28	23	18
Dry beans	2,724	52.0	217	387	---	8.0	14.2	---	5	18	---	46	93	---
Peanuts	5,967	99.9	2,140	2,126	941	35.9	35.6	15.8	171	101	32	160	95	68
Cotton	17,647	79.7	9,000	5,333	---	51.0	30.2	---	63	33	---	14	12	---
Potatoes	935	96.9	126	119	97	13.5	12.7	10.4	11	7	4	175	118	82
Sweetpotatoes	1,086	88.9	312	312	---	28.7	28.7	---	65	53	---	417	340	---
Tree fruits	323	52.9	150	150	---	46.4	46.4	---	12	11	---	160	147	---
Intertilled crops	117,250	36.6	51,325	10,106	1,371	43.8	8.6	1.2	1,399	241	39	55	48	57
Wheat	39,666	19.5	15,083	7,625	---	38.0	19.2	---	362	122	---	48	32	---
Oats	2,391	54.2	489	95	---	20.5	4.0	---	8	1	---	33	21	---
Barley	4,500	59.7	1,789	1,412	---	39.8	31.4	---	125	49	---	140	69	---
Close-growing crops	46,557	21.6	17,361	9,132	---	37.3	19.6	---	495	172	---	57	38	---
Tame hay and cropland pasture	33,621	15.5	1,231	9,450	---	3.7	28.1	---	8	139	---	13	29	---
Improved permanent pasture	715	.2	444	377	---	62.1	52.7	---	6	3	---	27	16	---
Hay and pasture	34,336	6.6	1,675	9,827	---	4.9	28.6	---	14	142	---	17	29	---
Total	198,143	18.8	70,361	29,065	1,371	35.5	14.7	.7	1,908	555	39	54	38	57
Oklahoma:														
Corn	1,160	21.5	1,160	923	229	100.0	79.6	19.7	26	16	1	45	35	9
Sorghums	22,172	5.1	16,847	7,616	332	76.0	34.3	1.5	244	39	1	29	10	6
Peanuts	140	59.8	126	126	126	90.0	90.0	90.0	1	1	1	16	16	16
Cotton	1,056	3.0	649	547	611	61.5	51.8	57.9	5	6	4	15	22	13
Vegetables	4	1.2	3	3	3	75.0	75.0	75.0	---	---	---	21	40	19
Intertilled crops	24,532	5.1	18,785	9,215	1,301	76.6	37.6	5.3	276	62	7	29	13	11
Wheat (close-growing crop)	20,266	1.4	18,949	9,444	---	93.5	46.6	---	270	42	---	28	9	---
Tame hay and cropland pasture	5,063	1.7	3,506	4,010	964	69.2	79.2	19.0	46	43	4	26	21	8
Improved permanent pasture	7,713	6.0	495	148	---	6.4	1.9	---	8	1	---	32	14	---
Hay and pasture	12,776	2.9	4,001	4,158	964	31.3	32.5	7.5	54	44	4	27	21	8
Total	57,574	2.4	41,735	22,817	2,265	72.5	39.6	3.9	600	148	11	29	13	10
Texas:														
Corn	18,548	89.5	12,822	1,200	---	69.1	6.5	---	671	30	---	105	50	---
Sorghums	1,191,595	70.7	874,543	64,176	---	73.4	5.4	---	33,720	1,605	---	77	50	---
Soybeans	33,435	92.5	---	33,400	---	---	99.9	---	---	501	---	---	30	---
Cowpeas	5,330	81.8	---	4,300	---	---	80.7	---	---	65	---	---	30	---
Cotton	364,545	91.3	197,704	63,540	12,200	54.2	17.4	3.3	8,359	1,273	122	85	40	20
Vegetables	11,648	95.3	11,600	11,600	11,600	99.6	99.6	99.6	348	348	116	60	60	20
Potatoes	9,104	96.8	9,100	9,100	9,100	100.0	100.0	100.0	273	273	68	60	60	15
Intertilled crops	1,634,205	75.3	1,105,769	187,316	32,900	67.7	11.5	2.0	43,371	4,095	306	78	44	19
Wheat	524,047	27.0	314,428	52,400	---	60.0	10.0	---	14,149	786	---	90	30	---
Oats	3,339	26.2	668	134	---	20.0	4.0	---	13	2	---	39	30	---
Barley	57,779	43.3	10,865	2,175	---	18.8	3.8	---	231	35	---	43	32	---
Close-growing crops	585,165	28.1	325,961	54,709	---	55.7	9.3	---	14,393	823	---	88	30	---
Tame hay and cropland pasture	22,238	5.6	14,239	5,650	---	64.0	25.4	---	607	113	---	85	40	---
Total	2,241,608	48.2	1,445,969	247,675	32,900	64.5	11.1	1.5	58,371	5,031	306	81	41	19
Total ASR-85:														
Corn	148,176	38.7	90,627	15,457	229	61.2	10.4	.2	4,202	225	1	93	29	9
Sorghums	1,698,996	30.3	1,068,198	115,483	332	62.9	6.8	---	39,349	2,146	1	74	37	6
Broomcorn	7,670	21.0	1,143	1,304	333	14.9	17.0	4.3	16	15	3	28	23	18
Soybeans	33,435	92.5	---	33,400	---	---	99.9	---	---	501	---	---	30	---
Dry beans	12,839	28.2	430	1,462	---	3.3	11.4	---	8	28	---	37	38	---
Cowpeas	5,330	81.8	---	4,300	---	---	80.7	---	---	65	---	---	30	---
Peanuts	6,107	98.4	2,266	2,252	1,067	37.1	36.9	17.5	172	102	33	152	91	62
Cotton	383,248	84.0	307,353	69,420	12,811	54.1	18.1	3.3	8,427	1,312	126	81	38	20

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total ASR-85--Continued														
Sugarbeets	30,650	99.1	27,835	27,835	---	90.8	90.8	---	1,154	1,569	---	83	113	---
Vegetables	29,764	94.6	28,895	28,895	27,841	97.1	97.1	93.5	855	1,018	241	59	70	17
Potatoes	11,161	95.8	9,987	9,980	9,838	89.5	89.4	88.1	310	311	85	62	62	17
Sweetpotatoes	1,086	88.9	312	312	---	28.7	28.7	---	65	53	---	417	340	---
Tree fruits	823	57.2	200	200	---	24.3	24.3	---	13	11	---	130	110	---
Miscellaneous (unspecified)	9,531	47.7	1,613	250	---	16.9	2.6	---	49	2	---	61	16	---
Intertilled crops	2,378,816	35.6	1,438,859	310,550	52,451	60.5	13.1	2.2	54,620	7,358	490	76	47	19
Wheat	807,666	7.3	438,196	103,146	---	54.3	12.8	---	16,861	1,251	---	77	24	---
Oats	5,730	33.3	1,157	229	---	20.2	4.0	---	21	3	---	36	26	---
Barley	94,820	13.1	22,804	11,664	---	24.0	12.3	---	560	158	---	49	27	---
Close-growing crops	908,216	7.7	462,157	115,039	---	50.9	12.7	---	17,442	1,412	---	75	25	---
Tame hay and cropland pasture	266,087	10.6	27,090	38,573	964	10.2	14.5	.4	821	841	4	61	44	8
Improved permanent pasture	121,026	17.8	5,501	2,503	---	4.5	2.1	---	79	26	---	29	21	---
Hay and pasture	387,113	12.2	32,591	41,076	964	8.4	10.6	.2	900	867	4	55	42	8
Total	3,674,145	12.3	1,933,607	466,665	53,415	52.6	12.7	1.5	72,962	9,637	494	75	41	18
ASR-86														
Montana:														
Corn	5,052	35.9	2,280	1,482	---	45.1	29.3	---	26	32	---	23	43	---
Dry beans	592	92.5	---	80	---	---	13.5	---	---	1	---	---	25	---
Sugarbeets	9,420	100.0	8,905	8,905	---	94.5	94.5	---	178	310	---	40	70	---
Vegetables	247	35.1	230	230	46	93.1	93.1	18.6	2	4	1	17	35	43
Potatoes	33	35.1	21	21	---	63.6	63.6	---	---	1	---	32	95	---
Miscellaneous (unspecified)	4,158	48.2	990	1,100	65	23.8	26.5	1.6	4	17	1	8	31	31
Intertilled crops	19,502	58.1	12,426	11,818	111	63.7	60.6	.6	210	365	2	34	62	36
Wheat	7,746	4.5	1,860	1,209	---	24.0	15.6	---	15	25	---	16	41	---
Oats	6,501	24.7	580	377	---	8.9	5.8	---	6	6	---	21	32	---
Barley	7,084	11.5	1,420	923	---	20.0	13.0	---	11	21	---	15	46	---
Wild hay	19,536	34.1	500	250	---	2.6	1.3	---	8	1	---	32	8	---
Close-growing crops	40,867	12.8	4,360	2,759	---	10.7	6.8	---	40	53	---	18	38	---
Tame hay and cropland pasture	94,176	23.0	10,279	13,706	---	10.9	14.6	---	146	274	---	28	40	---
Improved permanent pasture	35,037	52.7	923	231	---	2.6	0.7	---	7	7	---	15	61	---
Hay and pasture	129,213	27.1	11,202	13,937	---	8.7	10.8	---	153	281	---	27	40	---
Total	189,582	22.9	27,988	28,514	111	14.8	15.0	.1	403	699	2	29	49	36
Nebraska:														
Corn	40,572	16.7	33,035	13,434	1,175	81.4	33.1	2.9	1,499	222	13	91	33	22
Sorghums	1,164	3.9	1,037	534	44	89.1	45.9	3.8	33	10	1	64	37	27
Dry beans	7,143	94.4	428	642	40	6.0	9.0	.6	12	6	---	56	19	15
Sugarbeets	5,899	100.0	3,834	764	80	65.0	13.0	1.4	120	12	1	63	31	18
Vegetables	160	13.4	80	50	---	50.0	31.2	---	3	1	---	75	40	---
Potatoes	903	55.2	225	68	---	24.9	7.5	---	7	1	---	62	29	---
Popcorn	171	74.7	162	50	---	94.7	29.2	---	5	1	---	62	40	---
Intertilled crops	56,012	19.4	38,801	15,542	1,339	69.3	27.7	2.4	1,679	253	15	87	33	22
Wheat	1,700	1.1	1,530	414	---	90.0	24.4	---	34	8	---	44	39	---
Oats	3,181	3.9	1,348	512	---	42.4	16.1	---	30	10	---	45	39	---
Barley	3,498	12.7	1,516	770	41	43.3	22.0	1.2	33	12	---	44	31	24
Wild hay	8,236	.4	893	934	79	10.8	11.3	1.0	30	15	1	67	32	23
Close-growing crops	16,615	.7	5,287	2,630	120	31.8	15.8	.7	127	45	1	48	34	17
Tame hay and cropland pasture	31,143	4.2	4,812	4,149	264	15.5	13.3	.8	145	76	4	60	37	30
Improved permanent pasture	6,258	6.6	530	378	76	8.5	6.0	1.2	20	7	1	75	37	26
Hay and pasture	37,401	4.5	5,342	4,527	340	14.3	12.1	.9	165	83	5	62	37	29
Total	110,028	3.3	49,430	22,699	1,799	44.9	20.6	1.6	1,971	381	21	80	34	23

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-86--Continued														
South Dakota:														
Corn	10,514	---	8,722	8,722	100	---	---	---	84	87	2	19	20	40
Sugarbeets	6,028	100.0	6,028	6,028	---	---	---	---	202	184	---	67	61	---
Vegetables	421	---	400	400	---	---	---	---	6	4	---	30	20	---
Intertilled crops	16,963	---	15,150	15,150	100	---	---	---	292	275	2	39	36	40
Oats (close-growing crop)	99	---	99	---	---	---	---	---	1	---	---	20	---	---
Tame hay and cropland pasture	46,081	---	---	3,966	---	---	---	---	---	99	---	---	50	---
Improved permanent pasture	12,159	---	430	---	---	---	---	---	6	---	---	28	---	---
Hay and pasture	58,240	---	430	3,966	---	---	---	---	6	99	---	28	50	---
Total	75,302	---	15,679	19,116	100	---	---	---	299	374	2	38	39	40
Total ASR-86:														
Corn	56,138	12.6	44,027	33,638	1,275	78.4	42.1	2.3	1,609	341	15	73	29	24
Sorghums	1,164	3.9	1,037	534	44	89.1	45.9	3.8	33	10	1	64	37	27
Dry beans	7,735	94.2	428	722	40	5.5	9.3	.5	12	7	---	56	19	15
Sugarbeets	21,347	100.0	18,767	15,697	80	87.9	73.5	.4	500	506	1	53	64	25
Vegetables	828	30.4	710	680	46	85.7	82.1	5.6	11	9	1	31	26	43
Potatoes	936	54.1	246	89	---	26.3	9.5	---	7	2	---	57	45	---
Popcorn	171	74.7	162	50	---	94.7	29.2	---	5	1	---	62	40	---
Miscellaneous (unspecified)	4,158	48.2	990	1,100	65	23.8	26.5	1.6	4	17	1	8	31	31
Intertilled crops	92,477	17.9	66,377	42,510	1,550	71.8	46.0	1.7	2,181	893	19	66	42	25
Wheat	9,446	2.9	3,390	1,623	---	35.9	17.2	---	49	33	---	29	41	---
Oats	9,781	4.5	2,027	889	---	20.7	9.1	---	37	16	---	36	36	---
Barley	10,582	11.9	2,936	1,693	41	27.7	16.0	.4	44	33	---	30	39	24
Wild hay	27,772	1.4	1,393	1,184	79	5.0	4.3	.3	38	16	1	55	27	23
Close-growing crops	57,581	2.2	9,746	5,389	120	16.9	9.4	.2	168	98	1	34	36	23
Tame hay and cropland pasture	171,400	7.3	15,091	21,821	264	8.8	12.7	.2	291	449	4	39	41	30
Improved permanent pasture	53,454	23.2	1,883	609	76	3.5	1.1	.1	33	14	1	35	46	26
Hay and pasture	224,854	8.7	16,974	22,430	340	7.5	10.0	.2	324	463	5	38	41	29
Total	374,912	6.5	93,097	70,329	2,010	24.8	18.8	.5	2,673	1,454	25	57	41	25
ASR-87														
Montana:														
Corn	7,411	9.2	3,900	1,950	---	52.6	26.3	---	57	57	---	29	58	---
Dry beans	1,100	93.9	---	300	---	---	27.3	---	---	5	---	---	33	---
Sugarbeets	14,835	100.0	14,835	14,835	297	100.0	100.0	2.0	300	528	2	40	71	13
Vegetables	938	34.5	890	890	274	94.9	94.9	29.2	8	13	4	18	29	29
Potatoes	773	65.8	718	718	62	92.9	92.9	8.0	11	23	2	31	64	65
Nursery and greenhouse	435	96.2	435	435	134	100.0	100.0	30.8	9	13	4	41	60	60
Miscellaneous (unspecified)	5,721	18.5	1,000	500	34	17.5	8.7	.6	4	15	1	8	60	59
Intertilled crops	31,213	23.6	21,778	19,628	801	69.8	62.9	2.6	389	654	13	36	67	32
Wheat	52,300	1.7	16,430	10,680	---	31.4	20.4	---	126	224	---	15	42	---
Oats	18,709	13.7	4,240	2,120	---	22.7	11.3	---	28	42	---	13	40	---
Barley	30,937	2.1	6,630	4,310	---	21.4	13.9	---	27	85	---	8	39	---
Wild hay	55,024	25.7	3,179	795	---	5.8	1.4	---	49	8	---	31	20	---
Close-growing crops	156,970	3.2	30,479	17,905	---	19.4	11.4	---	230	359	---	15	40	---
Tame hay and cropland pasture	143,654	16.2	41,878	24,634	---	29.2	17.1	---	374	747	---	18	61	---
Improved permanent pasture	62,262	37.5	5,413	5,413	---	8.7	8.7	---	44	50	---	16	18	---
Hay and pasture	205,916	19.5	47,291	30,047	---	23.0	14.6	---	418	797	---	18	53	---
Total	394,099	6.4	99,548	67,580	801	25.3	17.1	.2	1,037	1,810	13	21	54	32

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with—			Percentage of acreage fertilized with—			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-87--Continued														
North Dakota:														
Corn	1,741	0.4	700	533	---	40.2	30.6	---	22	20	---	63	75	---
Sugarbeets	3,447	100.0	2,413	3,447	---	70.0	100.0	---	84	143	---	70	83	---
Potatoes	199	18.4	73	73	---	36.7	36.7	---	1	2	---	30	59	---
Intertilled crops	5,387	1.2	3,186	4,053	---	59.1	75.2	---	107	165	---	67	81	---
Wheat	4,669	.3	733	2,573	---	15.7	55.1	---	20	61	---	55	47	---
Oats	951	.5	183	282	---	19.2	29.7	---	2	6	---	27	45	---
Barley	1,027	.4	286	345	---	27.8	33.6	---	6	7	---	40	38	---
Close-growing crops	6,647	.4	1,202	3,200	---	18.1	48.1	---	28	74	---	47	46	---
Tame hay and cropland pasture	10,360	1.2	82	3,276	---	.8	31.6	---	2	91	---	41	56	---
Total	22,394	.7	4,470	10,529	---	20.0	47.0	---	137	330	---	61	63	---
Total ASR-87:														
Corn	9,152	1.8	4,600	2,483	---	50.3	27.1	---	79	77	---	34	62	---
Dry beans	1,100	93.9	---	300	---	---	27.3	---	---	5	---	---	33	---
Sugarbeets	18,282	100.0	17,248	18,282	297	94.3	100.0	1.6	384	671	2	45	73	13
Vegetables	938	34.5	890	890	274	94.9	94.9	29.2	8	13	4	18	29	29
Potatoes	972	43.1	791	791	62	81.4	81.4	6.4	12	25	2	30	63	65
Nursery and greenhouse	435	96.2	435	435	134	100.0	100.0	30.8	9	13	4	41	60	60
Miscellaneous (unspecified)	5,721	18.5	1,000	500	34	17.5	8.7	.6	4	15	1	8	60	59
Intertilled crops	36,600	6.3	24,964	23,681	801	68.2	64.7	2.2	496	819	13	40	69	32
Wheat	56,969	1.3	17,163	13,353	---	30.1	23.3	---	146	285	---	17	43	---
Oats	19,660	6.0	4,423	2,402	---	22.5	12.2	---	30	48	---	14	40	---
Barley	31,964	1.8	6,916	4,655	---	21.6	14.6	---	33	92	---	10	40	---
Wild hay	55,024	25.7	3,179	795	---	5.8	1.4	---	49	8	---	31	20	---
Close-growing crops	163,617	2.4	31,681	21,105	---	19.4	12.9	---	258	433	---	16	41	---
Tame hay and cropland pasture	154,014	8.9	41,960	27,910	---	27.2	18.1	---	376	838	---	18	60	---
Improved permanent pasture	62,262	37.5	5,413	5,413	---	8.7	8.7	---	44	50	---	16	18	---
Hay and pasture	216,276	11.4	47,373	33,323	---	21.9	15.4	---	420	888	---	18	53	---
Total	416,493	4.5	104,018	78,109	801	25.0	18.8	.2	1,174	2,140	13	23	55	32
ASR-88														
Colorado:														
Corn	208,900	90.0	123,713	123,713	---	59.2	59.2	---	4,915	408	---	79	7	---
Sorghums	2,362	7.7	257	---	---	10.9	---	---	10	---	---	78	---	---
Dry beans	55,504	98.5	---	19,259	---	---	34.7	---	---	383	---	---	40	---
Sugarbeets	113,438	99.8	100,556	100,556	---	88.6	88.6	---	2,724	4,308	---	54	86	---
Vegetables	10,943	97.6	10,907	10,907	10,763	99.7	99.7	98.4	353	478	156	65	88	29
Potatoes	15,024	98.3	13,032	13,032	13,032	86.7	86.7	86.7	273	373	104	42	57	16
Intertilled crops	406,171	88.4	248,465	267,467	23,795	61.2	65.9	5.9	8,275	5,950	260	67	44	22
Wheat	26,670	5.8	5,836	2,356	---	21.9	8.8	---	172	25	---	59	21	---
Oats	18,589	63.7	482	---	---	2.6	---	---	10	---	---	41	---	---
Barley	80,651	44.2	18,800	18,800	---	23.3	23.3	---	327	222	---	35	24	---
Close-growing crops	125,910	18.7	25,118	21,156	---	19.9	16.8	---	509	247	---	41	23	---
Tame hay and cropland pasture	187,572	48.5	19,171	23,151	---	10.2	12.3	---	134	772	---	14	67	---
Improved permanent pasture	49,418	92.6	2,243	2,213	---	4.5	4.5	---	46	20	---	41	18	---
Hay and pasture	236,990	53.8	21,414	25,364	---	9.0	10.7	---	180	792	---	17	62	---
Total	769,071	48.9	294,997	313,987	23,795	38.4	40.8	3.1	8,964	6,989	260	61	45	22

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-88--Continued														
Montana:														
Corn	11,382	89.0	4,830	2,898	---	42.4	25.5	---	85	85	---	35	59	---
Dry beans	11,083	100.0	---	1,785	---	---	16.1	---	---	27	---	---	30	---
Sugarbeets	26,301	100.0	26,105	26,105	522	99.3	99.3	2.0	523	914	5	40	70	19
Vegetables	735	55.6	610	610	153	83.0	83.0	20.8	7	12	3	23	39	39
Potatoes	242	94.9	157	157	157	64.9	64.9	64.9	3	5	1	38	64	13
Tree fruits	194	83.6	25	23	---	12.9	11.9	---	1	1	---	80	87	---
Miscellaneous (unspecified)	3,029	82.6	1,000	500	33	33.0	16.5	1.1	4	15	1	8	60	61
Intertilled crops	52,966	95.2	32,727	32,078	865	61.8	60.6	1.6	623	1,059	10	38	66	23
Wheat	24,500	11.1	10,050	7,537	---	41.0	30.8	---	80	151	---	16	40	---
Oats	13,558	65.3	580	348	---	4.3	2.6	---	4	6	---	14	34	---
Barley	20,163	21.5	3,830	2,872	---	19.0	14.2	---	32	57	---	17	40	---
Close-growing crops	58,221	17.4	14,460	10,757	---	24.8	18.5	---	116	214	---	16	40	---
Tame hay and cropland pasture	91,553	29.4	17,385	18,351	---	19.0	20.0	---	193	309	---	22	34	---
Improved permanent pasture	40,122	100.0	2 580	4,317	---	6.5	10.8	---	13	35	---	10	16	---
Hay and pasture	131,675	37.5	19,975	22,668	---	15.2	17.2	---	206	344	---	21	30	---
Total	242,862	32.7	67,162	65,503	865	27.7	27.0	.4	945	1,617	10	28	49	23
Nebraska:														
Corn	106,631	53.9	82,393	53,562	4,119	77.3	50.2	3.9	3,782	835	29	92	31	14
Sorghums	4,613	4.3	3,844	2,088	260	83.3	45.3	5.6	160	43	2	83	41	15
Dry beans	50,979	88.2	6,742	6,742	674	11.2	11.2	1.1	254	160	6	75	48	18
Sugarbeets	47,301	99.7	40,206	40,111	4,031	85.0	84.8	8.5	1,085	999	35	54	50	17
Vegetables	626	75.0	325	325	---	51.9	51.9	---	10	6	---	62	37	---
Potatoes	7,789	85.9	3,878	2,908	320	49.8	37.3	4.1	118	70	3	61	48	19
Intertilled crops	226,939	52.7	137,388	105,736	9,394	60.5	46.6	4.1	5,409	2,113	75	79	40	16
Wheat	7,455	.9	6,709	4,039	576	90.0	54.2	7.7	110	79	4	33	39	14
Oats	12,384	32.0	3,817	2,599	286	30.8	21.0	2.3	68	46	2	36	35	14
Barley	7,606	6.9	2,363	1,833	170	31.1	24.1	2.2	58	32	1	49	35	12
Wild hay	15,053	9.3	647	625	---	4.3	4.2	---	18	14	---	56	45	---
Close-growing crops	42,498	3.6	13,536	9,096	1,032	31.8	21.4	2.4	254	171	7	38	38	14
Tame hay and cropland pasture	55,651	21.2	6,659	5,801	690	12.0	10.4	1.2	152	132	5	46	46	14
Improved permanent pasture	20,427	62.3	636	474	---	3.1	2.3	---	18	8	---	57	34	---
Hay and pasture	76,078	25.8	7,295	6,275	690	9.6	8.2	.9	170	140	5	47	45	14
Total	345,515	18.3	158,219	121,107	11,116	45.8	35.1	3.2	5,833	2,424	87	74	40	16
Wyoming:														
Corn	38,226	65.9	17,613	---	---	46.1	---	---	617	---	---	70	---	---
Sugarbeets	38,046	99.9	31,429	31,429	730	82.6	82.6	1.9	936	1,008	22	60	64	60
Potatoes	2,942	81.6	1,906	1,906	467	64.8	64.8	15.9	43	42	14	45	44	60
Intertilled crops	79,214	79.4	50,948	33,335	1,197	64.3	42.1	1.5	1,596	1,050	36	63	63	60
Wheat	12,214	5.2	4,771	---	---	39.1	---	---	120	---	---	50	---	---
Oats	41,828	50.5	18,919	---	---	45.2	---	---	495	---	---	52	---	---
Barley	41,826	46.2	19,173	---	---	45.8	---	---	496	---	---	52	---	---
Wild hay	36,441	48.8	1,000	---	---	2.7	---	---	35	---	---	70	---	---
Close-growing crops	132,309	27.4	43,863	---	---	33.2	---	---	1,146	---	---	52	---	---
Tame hay and cropland pasture	315,810	21.7	1,300	51,290	---	.4	16.2	---	51	2,169	---	78	85	---
Improved permanent pasture	124,738	63.5	3,507	---	---	2.8	---	---	198	---	---	113	---	---
Hay and pasture	440,548	26.7	4,807	51,290	---	1.1	11.6	---	249	2,169	---	104	85	---
Total	652,071	29.2	99,618	84,625	1,197	15.3	13.0	.2	2,991	3,219	36	60	76	60

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total ASR-88:														
Corn	365,139	72.9	228,549	180,173	4,119	62.6	49.3	1.1	9,399	1,328	29	82	15	14
Sorghums	6,975	5.0	4,101	2,088	260	58.8	29.9	3.7	170	43	2	83	41	15
Dry beans	126,566	93.4	6,742	27,786	674	5.3	22.0	.5	254	570	6	75	41	18
Sugarbeets	225,086	99.8	198,296	198,201	5,273	88.1	88.1	2.3	5,268	7,229	62	53	73	24
Vegetables	12,304	92.0	11,842	11,842	10,916	96.2	96.2	88.7	370	496	159	62	84	29
Potatoes	25,997	92.1	18,973	18,003	13,976	73.0	69.3	53.8	437	490	122	46	54	17
Tree fruits	194	83.6	25	23	---	12.9	11.9	---	1	1	---	80	87	---
Miscellaneous (unspecified)	3,029	82.6	1,000	500	33	33.0	16.5	1.1	4	15	1	8	60	61
Intertilled crops	765,290	73.2	469,528	438,616	35,251	61.4	57.3	4.6	15,903	10,172	381	68	46	22
Wheat	70,839	4.0	27,366	13,932	576	38.6	19.7	.8	482	255	4	35	37	14
Oats	86,359	50.3	23,798	2,947	286	27.6	3.4	.3	577	52	2	48	35	14
Barley	150,246	31.5	44,166	23,505	170	29.4	15.6	.1	913	311	1	41	26	12
Wild hay	51,494	21.8	1,647	625	---	3.2	1.2	---	53	14	---	64	45	---
Close-growing crops	358,938	13.5	96,977	41,009	1,032	27.0	11.4	.3	2,025	632	7	42	31	14
Tame hay and cropland pasture	650,586	27.0	44,515	98,593	690	6.8	15.2	.1	530	3,382	5	24	69	14
Improved permanent pasture	234,705	72.8	8,976	7,004	---	3.8	3.0	---	275	63	---	61	18	---
Hay and pasture	885,291	32.4	53,491	105,597	690	6.0	11.9	.1	805	3,445	5	30	65	14
Total	2,009,519	31.2	619,996	585,222	36,973	30.9	29.1	1.8	18,733	14,249	393	60	49	21
ASR-89														
Arizona:														
Corn	8,700	100.0	7,597	4,475	---	87.3	51.4	---	363	101	---	96	45	---
Sorghums	147,200	100.0	120,630	69,540	2,760	81.9	47.2	1.9	5,868	1,282	27	97	37	20
Dry beans	1,000	100.0	450	450	---	45.0	45.0	---	7	10	---	31	44	---
Cotton	382,600	100.0	342,101	209,750	27,082	89.4	54.8	7.1	20,642	5,243	271	121	50	20
Vegetables	102,250	100.0	101,441	97,283	53,748	99.2	95.1	52.6	6,965	4,668	1,246	137	96	46
Potatoes	7,600	100.0	7,600	7,600	7,220	100.0	100.0	95.0	622	506	174	164	133	48
Sweetpotatoes	700	100.0	630	648	455	90.0	92.6	65.0	19	28	7	60	86	31
Nursery and greenhouse	1,400	100.0	1,400	1,400	1,105	100.0	100.0	78.9	62	35	14	89	50	25
Fruits and nuts	29,700	100.0	28,454	9,533	1,714	95.8	32.1	5.8	2,249	169	23	158	35	27
Miscellaneous (unspecified)	1,800	100.0	1,710	1,170	---	95.0	65.0	---	86	28	---	101	48	---
Intertilled crops	682,950	100.0	612,013	401,849	94,084	89.6	58.8	13.8	36,883	12,070	1,762	121	60	37
Wheat	85,200	100.0	67,158	50,730	2,072	78.8	59.5	2.4	2,737	935	19	82	37	18
Oats	4,100	100.0	3,172	2,360	88	77.4	57.6	2.1	128	44	1	81	37	23
Barley	141,800	100.0	110,250	83,500	3,308	77.8	58.9	2.3	4,440	1,540	32	81	37	19
Flaxseed	2,000	100.0	2,000	2,000	---	100.0	100.0	---	125	50	---	125	50	---
Soil improvement crops	11,700	100.0	1,050	735	---	9.0	6.3	---	21	9	---	40	24	---
Seed crops	13,800	100.0	13,210	6,230	350	95.7	45.1	2.5	778	152	7	118	49	40
Close-growing crops	258,600	100.0	196,840	145,555	5,818	76.1	56.3	2.2	8,229	2,730	59	84	38	20
Tame hay and cropland pasture	294,450	100.0	90,877	124,290	---	30.9	42.2	---	2,345	2,799	---	52	61	---
Total	1,236,000	100.0	899,730	671,694	99,902	72.8	54.3	8.1	47,457	18,599	1,821	105	55	36
New Mexico:														
Corn	5,786	92.8	949	93	---	16.4	1.6	---	28	2	---	59	43	---
Sorghums	41,644	84.1	8,612	784	---	20.7	1.9	---	173	8	---	40	20	---
Dry beans	3,774	89.5	210	272	---	5.6	7.2	---	4	13	---	38	96	---
Peanuts	270	100.0	147	142	118	54.4	52.6	43.7	13	7	2	177	99	34
Cotton	165,720	99.3	140,182	70,267	600	84.6	42.4	.4	4,809	1,581	6	69	45	20
Vegetables	8,861	100.0	6,368	6,368	1,291	71.9	71.9	14.6	185	326	31	58	102	48
Sweetpotatoes	122	100.0	96	84	52	78.7	68.9	42.6	17	9	6	354	214	231
Nursery and greenhouse	238	100.0	238	238	---	100.0	100.0	---	15	24	---	126	202	---
Tree fruits	7,743	97.5	4,135	5,283	375	53.4	68.2	4.8	184	317	12	89	120	64
Intertilled crops	234,158	95.8	160,937	83,531	2,436	68.7	35.7	1.0	5,428	2,287	57	67	55	47
Oats	2,993	97.2	364	250	---	12.2	8.4	---	2	1	---	11	8	---
Barley	17,606	98.2	8,044	5,176	---	45.7	29.4	---	181	137	---	45	53	---
Close-growing crops	20,599	98.1	8,408	5,426	---	40.8	26.3	---	183	138	---	44	51	---

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-89	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
New Mexico--Continued														
Tame hay and cropland pasture	81,416	32.3	7,444	60,516	2,435	9.1	74.1	3.0	67	4,765	28	18	158	23
Improved permanent pasture	47,132	63.1	[illegible]	243	---	1.3	.5	---	39	2	---	126	16	---
Hay and pasture	128,548	39.4	8,061	60,559	2,435	6.3	47.1	1.9	106	4,767	28	26	157	23
Total	383,305	64.8	177,406	149,516	4,871	46.3	39.0	1.3	5,717	7,192	85	64	96	35
Texas:														
Corn	1,124	97.1	322	290	---	28.6	25.8	---	10	6	---	62	41	---
Sorghums	16,549	92.6	3,639	1,330	---	22.0	8.0	---	163	40	---	90	60	---
Soybeans	10	100.0	10	---	---	100.0	---	---	---	---	---	60	---	---
Cotton	137,739	99.7	107,412	58,170	---	[illegible]	42.2	---	8,841	1,745	---	165	60	---
Vegetables	2,245	99.9	2,245	2,245	560	100.0	100.0	24.9	113	68	9	101	61	32
Potatoes	18	100.0	18	18	---	100.0	100.0	---	1	---	---	111	---	---
Intertilled crops	157,685	98.9	113,646	62,053	560	72.1	39.4	.4	9,128	1,859	9	161	60	32
Wheat	29	7.9	29	---	---	100.0	---	---	2	---	---	138	---	---
Oats	1,451	99.4	1,230	300	---	84.8	20.7	---	74	10	---	120	67	---
Barley	3,652	100.0	2,578	600	---	70.6	16.4	---	155	18	---	120	60	---
Close-growing crops	5,132	93.6	3,837	900	---	74.8	17.5	---	231	28	---	120	62	---
Tame hay and cropland pasture	14,147	16.5	4,660	6,630	---	32.9	46.9	---	256	199	---	110	60	---
Improved permanent pasture	38,204	27.1	395	171	---	1.0	.4	---	14	3	---	71	35	---
Hay and pasture	52,351	23.1	5,055	6,801	---	9.7	13.0	---	270	202	---	102	59	---
Total	215,168	54.9	122,538	69,754	560	56.9	32.4	.3	9,629	2,089	9	157	60	32
Total ASR-89:														
Corn	15,610	97.0	8,868	4,858	---	56.8	31.1	---	401	109	---	90	45	---
Sorghums	205,393	95.7	132,881	71,654	2,760	64.7	34.9	1.3	6,204	1,330	27	93	37	20
Soybeans	10	100.0	10	---	---	100.0	---	---	---	---	---	60	---	---
Dry beans	4,774	91.5	660	722	---	13.8	15.1	---	11	23	---	33	64	---
Peanuts	270	100.0	147	142	118	54.4	52.6	43.7	13	7	2	177	99	34
Cotton	686,059	99.8	589,695	338,187	27,682	85.9	49.3	4.0	34,292	8,569	277	116	51	20
Vegetables	113,356	100.0	110,054	105,896	55,599	97.1	93.4	49.0	7,263	5,062	1,286	132	96	46
Potatoes	7,618	100.0	7,618	7,618	7,220	100.0	100.0	94.8	623	506	174	164	133	48
Sweetpotatoes	822	100.0	726	732	507	88.3	89.1	61.7	36	37	13	99	101	51
Nursery and greenhouse	1,638	100.0	1,638	1,638	1,105	100.0	100.0	67.5	77	59	14	94	72	25
Fruits and nuts	37,443	99.5	32,589	14,816	2,089	87.0	39.6	5.6	2,433	486	35	149	66	34
Miscellaneous (unspecified)	1,800	100.0	1,710	1,170	---	95.0	65.0	---	86	28	---	101	48	---
Intertilled crops	1,074,793	98.9	886,596	547,433	97,080	82.5	50.9	9.0	51,439	16,216	1,828	116	59	38
Wheat	85,229	99.6	67,187	50,730	2,072	78.8	59.5	2.4	2,739	935	19	82	37	18
Oats	8,544	97.9	4,766	2,910	88	55.8	[illegible]	1.0	204	55	1	86	38	23
Barley	163,058	94.2	120,872	89,276	3,308	[illegible]	54.8	2.0	4,776	1,695	32	79	38	19
Flaxseed	2,000	100.0	2,000	2,000	---	100.0	100.0	---	125	50	---	125	50	---
Soil improvement crops	11,700	100.0	1,050	735	---	9.0	6.3	---	21	9	---	40	24	---
Seed crops	13,800	100.0	13,210	6,230	350	95.7	45.1	2.5	778	152	7	118	49	40
Close-growing crops	284,331	99.7	209,085	151,881	5,818	73.5	53.4	2.0	8,643	2,896	59	83	38	20
Tame hay and cropland pasture	390,013	61.7	102,981	191,236	2,435	26.4	49.0	.6	2,668	8,763	28	52	92	23
Improved permanent pasture	85,336	30.6	1,012	414	---	1.2	0.5	---	53	5	---	105	24	---
Hay and pasture	475,349	56.5	103,993	191,650	2,435	21.9	40.3	.5	2,721	8,768	28	52	92	23
Total	1,834,473	82.6	1,199,674	890,964	105,333	65.4	48.6	5.7	62,803	27,880	1,915	105	63	36
ASR-90														
Colorado:														
Corn	35,134	96.5	22,173	---	---	63.1	---	---	1,034	---	---	93	---	---
[illegible]	10,854	10.7	---	5,428	---	---	50.0	---	---	53	---	---	20	---
[illegible]eets	5,990	100.0	5,439	5,439	---	90.8	90.8	---	269	344	---	99	126	---
[illegible]egetables	10,761	99.9	10,760	10,760	10,398	100.0	100.0	96.6	894	758	236	166	141	45
Potatoes	34,415	93.7	23,951	23,951	23,951	69.6	69.6	69.6	512	1,020	214	43	85	18
Tree fruits	16,249	96.6	11,751	51	51	72.3	.3	.3	106	2	3	18	78	118
Intertilled crops	113,403	55.0	74,074	45,629	34,400	65.3	40.2	30.3	2,815	2,177	453	76	95	26

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-90	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Colorado--Continued														
Wheat	18,828	15.9	1,766	1,177	---	9.4	6.3	---	37	26	---	42	44	---
Barley	52,973	69.6	15,002	9,000	---	28.4	17.0	---	411	81	---	55	18	---
Wild hay	202,570	94.8	1,369	1,369	---	.7	.7	---	17	8	---	25	12	---
Close-growing crops	274,371	67.2	18,137	11,546	---	6.6	4.2	---	465	115	---	51	20	---
Tame hay and cropland pasture	443,884	42.6	55,716	61,992	---	12.6	14.0	---	530	1,956	---	19	63	---
Improved permanent pasture	326,986	98.5	3,873	3,873	373	1.2	1.2	.1	66	52	1	34	27	5
Hay and pasture	770,870	56.1	59,589	65,865	373	7.7	8.5	---	596	2,008	1	20	61	5
Total	1,158,644	58.3	151,800	123,040	34,773	13.1	10.6	3.0	3,876	4,300	454	51	70	26
Idaho:														
Corn	3,280	98.1	2,500	2,500	---	76.2	76.2	---	75	45	---	60	36	---
Sugarbeets	493	100.0	339	339	---	68.8	68.8	---	14	15	---	83	88	---
Vegetables	114	95.0	110	100	---	96.5	87.7	---	3	2	---	55	40	---
Potatoes	6,138	92.9	5,500	5,500	---	89.6	89.6	---	137	136	---	50	49	---
All fruits	263	47.8	200	200	---	76.0	76.0	---	4	3	---	40	30	---
Miscellaneous (unspecified)	10,775	23.5	500	500	---	4.6	4.6	---	9	7	---	36	28	---
Intertilled crops	21,063	36.9	9,149	9,139	---	43.4	43.4	---	242	208	---	53	46	---
Wheat	17,754	13.9	9,000	---	---	50.7	---	---	230	---	---	51	---	---
Oats	13,002	31.2	4,000	---	---	30.8	---	---	70	---	---	35	---	---
Barley	14,752	21.9	5,000	---	---	33.9	---	---	125	---	---	50	---	---
Wild hay	21,097	70.4	2,000	---	---	9.5	---	---	25	---	---	25	---	---
Close-growing crops	66,605	24.9	20,000	---	---	30.0	---	---	450	---	---	45	---	---
Tame hay and cropland pasture	127,818	30.2	2,600	14,000	---	2.0	11.0	---	40	320	---	31	46	---
Improved permanent pasture	109,140	74.8	2,500	2,200	---	2.3	2.0	---	32	39	---	26	35	---
Hay and pasture	236,958	41.6	5,100	16,200	---	2.2	6.8	---	72	359	---	28	44	---
Total	324,626	36.3	34,249	25,339	---	10.6	7.8	---	764	567	---	45	45	---
Montana:														
Corn	1,288	61.1	770	770	---	59.8	59.8	---	8	12	---	21	31	---
Sugarbeets	4,963	91.8	4,418	4,418	1,257	89.0	89.0	25.3	89	162	12	40	73	19
Vegetables	1,077	43.8	970	970	342	90.1	90.1	31.8	11	17	6	23	35	35
Potatoes	5,498	92.0	4,100	4,100	1,131	74.6	74.6	20.6	66	134	37	32	65	65
Nursery and greenhouse	165	88.2	165	165	66	100.0	100.0	40.0	4	5	2	48	61	61
Tree fruits	1,355	65.6	800	280	280	59.0	20.7	20.7	24	16	10	60	114	71
Miscellaneous (unspecified)	3,535	100.0	1,920	1,920	107	54.3	54.3	3.0	10	36	2	10	38	37
Intertilled crops	17,881	82.3	13,143	12,623	3,183	73.5	70.6	17.8	212	382	69	32	61	43
Wheat	38,587	18.2	15,700	11,775	---	40.7	30.5	---	141	251	---	18	43	---
Oats	25,787	53.9	4,530	3,624	---	17.6	14.1	---	38	73	---	17	40	---
Barley	39,966	31.9	12,820	9,615	---	32.1	24.1	---	117	207	---	18	43	---
Wild hay	226,260	86.6	3,500	350	---	1.5	.2	---	53	9	---	30	51	---
Close-growing crops	330,580	51.1	36,550	25,364	---	11.1	7.7	---	349	540	---	19	43	---
Tame hay and cropland pasture	414,712	42.1	64,132	64,132	---	15.5	15.5	---	450	950	---	14	30	---
Improved permanent pasture	234,141	100.0	6,306	5,675	---	2.7	2.4	---	58	69	---	18	24	---
Hay and pasture	648,853	53.2	70,438	69,807	---	10.9	10.8	---	508	1,019	---	14	29	---
Total	997,314	52.9	120,131	107,794	3,183	12.0	10.8	.3	1,069	1,941	69	18	36	43
New Mexico:														
Corn	10,919	77.2	2,952	667	---	27.0	6.1	---	31	6	---	21	18	---
Sorghums	1,159	94.8	1,138	56	---	98.2	4.8	---	41	1	---	72	36	---
Dry beans	1,070	23.3	165	208	---	15.4	19.4	---	3	8	---	36	77	---

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-90	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
New Mexico--Continued														
Vegetables	2,527	98.6	1,284	1,284	67	50.8	50.8	2.7	73	98	4	114	153	119
Potatoes	809	88.7	328	342	174	40.5	42.3	21.5	20	27	12	122	158	138
Nursery and greenhouse	84	100.0	31	31	---	36.9	36.9	---	2	8	---	129	516	---
Tree fruits	4,391	93.1	690	1,120	108	15.7	25.5	2.5	20	65	2	58	116	37
Intertilled crops	20,9[illegible]	74.3	6,588	3,708	349	31.4	17.7	1.7	190	213	18	58	115	103
Wheat	4,166	47.2	684	435	---	16.4	10.4	---	13	5	---	38	23	---
Oats	1,149	75.7	122	---	---	10.6	---	---	3	---	---	49	---	---
Barley	2,853	83.4	299	292	---	10.5	10.2	---	13	7	---	87	48	---
Close-growing crops	8,168	59.3	1,105	727	---	13.5	8.9	---	29	12	---	52	33	---
Tame hay and cropland pasture	44,855	25.0	1,834	14,578	750	4.1	32.5	1.7	11	328	3	12	45	8
Improved permanent pasture	20,988	15.7	405	318	---	1.9	1.5	---	10	5	---	49	31	---
Hay and pasture	65,843	21.0	2,239	14,896	750	3.4	22.6	1.1	21	333	3	19	45	8
Total	94,970	26.7	9,932	19,331	1,099	10.5	20.4	1.2	240	558	21	48	58	38
Washington:														
Corn	67	42.9	60	50	25	89.6	74.6	37.3	3	1	1	100	80	80
Vegetables	43	10.3	40	40	40	93.0	93.0	93.0	2	1	1	100	50	50
Potatoes	43	38.4	30	30	30	69.8	69.8	69.8	2	1	1	100	67	67
Nursery and greenhouse	8	100.0	8	8	8	100.0	100.0	100.0	1	1	1	250	250	250
Small fruits	3	18.8	3	3	3	100.0	100.0	100.0	---	---	---	100	50	50
Tree fruits	116	40.8	80	---	---	69.0	---	---	4	---	---	100	---	---
Intertilled crops	280	28.1	221	131	106	78.9	46.8	37.9	12	4	4	109	61	75
Wheat	412	2.2	200	200	100	48.5	48.5	24.3	6	4	2	60	40	40
Oats	239	1.8	200	150	100	83.7	62.8	41.8	6	4	2	60	40	40
Barley	540	5.0	200	200	100	37.0	37.0	18.5	6	4	2	60	40	40
Wild hay	105	3.4	50	50	50	47.6	47.6	47.6	2	1	1	120	40	40
Close-growing crops	1,296	2.8	650	600	350	50.2	46.3	27.0	20	13	7	62	40	40
Tame hay and cropland pasture	9,851	8.0	2,000	500	500	20.3	5.1	5.1	80	5	3	80	20	12
Improved permanent pasture	3,737	48.6	1,500	1,000	500	40.1	26.8	13.4	75	30	15	100	60	60
Hay and pasture	13,588	10.3	3,500	1,500	1,000	25.8	11.0	7.4	155	35	18	88	47	36
Total	15,164	8.5	4,371	2,231	1,456	28.8	14.7	9.6	187	52	29	86	47	40
Wyoming:														
Corn	30	18.4	30	---	---	100.0	---	---	2	---	---	133	---	---
Potatoes	324	98.5	207	207	---	63.9	63.9	---	3	3	---	29	29	---
Intertilled crops	354	72.8	237	207	---	66.9	58.5	---	5	3	---	42	29	---
Wild hay (close-growing crop)	256,266	96.7	624	---	---	.2	---	---	22	---	---	71	---	---
Tame hay and cropland pasture	174,525	46.1	3,750	7,889	---	2.1	4.5	---	150	252	---	80	64	---
Improved permanent pasture	187,429	84.5	325	---	---	.2	---	---	6	---	---	37	---	---
Hay and pasture	361,954	60.3	4,075	7,889	---	1.1	2.2	---	156	252	---	77	64	---
Total	618,574	71.4	4,936	8,096	---	.8	1.3	---	183	255	---	74	63	---
Total ASR-90:														
Corn	50,718	90.0	28,485	3,987	25	56.2	7.9	---	1,153	64	1	81	32	80
Sorghums	1,159	94.8	1,138	56	---	98.2	4.8	---	41	1	---	72	36	---
Dry beans	11,924	11.3	165	5,636	---	1.4	47.3	---	3	61	---	36	22	---
Sugarbeets	11,446	96.3	10,196	10,196	1,257	89.1	89.1	11.0	372	521	12	73	102	19
Vegetables	14,522	88.9	13,164	13,154	10,847	90.6	90.6	74.7	983	876	247	149	133	46
Potatoes	47,227	96.8	34,116	34,130	25,286	72.2	72.3	53.5	740	1,321	264	43	77	21
Nursery and greenhouse	257	92.1	204	204	74	79.4	79.4	28.8	7	14	3	69	137	81
All fruits	22,377	91.5	13,524	1,654	442	60.4	7.4	2.0	158	86	15	23	104	68
Miscellaneous (unspecified)	14,310	29.0	2,420	2,420	107	16.9	16.9	.7	19	43	2	16	36	37
Intertilled crops	173,940	55.3	103,412	71,437	38,038	59.5	41.1	21.9	3,476	2,987	544	67	84	29

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Total ASR-90--Continued														
Wheat	79,747	16.4	27,350	13,587	100	34.3	17.0	0.1	427	286	2	31	42	40
Oats	40,157	38.5	8,852	3,774	100	22.0	9.4	.2	117	77	2	26	41	40
Barley	111,084	39.2	33,321	19,107	100	30.0	17.2	.1	672	299	2	40	31	40
Wild hay	706,298	91.4	7,543	1,769	50	1.1	.2	---	119	18	1	32	20	40
Close-growing crops	937,286	56.9	77,066	38,237	350	8.2	4.1	---	1,335	680	7	35	36	40
Tame hay and cropland pasture	1,215,645	38.8	130,032	163,091	1,250	10.7	13.4	.1	1,261	3,811	6	19	47	10
Improved permanent pasture	882,421	82.0	14,909	13,066	873	1.7	1.5	.1	247	195	16	33	30	37
Hay and pasture	2,098,066	49.9	144,941	176,157	2,123	6.9	8.4	.1	1,508	4,006	22	21	45	21
Total	3,209,292	52.0	325,419	285,831	40,511	10.1	8.9	1.3	6,319	7,673	573	39	54	28
ASR-91														
Idaho:														
Corn	195	58.2	195	---	---	100.0	---	---	6	---	---	62	---	---
Vegetables	106	1.4	100	---	---	94.3	---	---	2	---	---	40	---	---
Potatoes	25	7.2	25	25	---	100.0	100.0	---	1	1	---	80	80	---
All fruits	74	22.6	70	---	---	94.6	---	---	2	---	---	57	---	---
Miscellaneous (unspecified)	526	1.2	150	---	---	28.5	---	---	3	---	---	40	---	---
Intertilled crops	926	1.7	540	25	---	58.3	2.7	---	14	1	---	52	80	---
Wheat	381	.2	381	---	---	100.0	---	---	10	---	---	52	---	---
Oats	175	.7	175	---	---	100.0	---	---	5	---	---	57	---	---
Barley	171	.2	150	---	---	87.7	---	---	4	---	---	53	---	---
Close-growing crops	727	0.2	706	---	---	97.1	---	---	19	---	---	54	---	---
Tame hay and cropland pasture	3,616	3.5	550	1,500	---	15.2	41.5	---	13	35	---	47	47	---
Improved permanent pasture	3,790	29.4	2,600	2,100	---	68.6	55.4	---	26	31	---	20	30	---
Hay and pasture	7,406	6.4	3,150	3,600	---	42.5	48.6	---	39	66	---	25	37	---
Total	9,059	1.9	4,396	3,625	---	48.5	40.0	---	72	67	---	33	37	---
Oregon:														
Corn	4,981	96.5	4,482	4,482	---	90.0	90.0	---	400	154	---	178	69	---
Sugarbeets	2,701	100.0	2,167	2,167	180	80.2	80.2	6.7	190	104	5	175	96	56
Vegetables	3,735	6.6	1,715	286	43	45.3	7.6	1.1	94	82	---	110	573	40
Potatoes	217	66.6	199	199	199	91.7	91.7	91.7	12	19	6	121	191	60
Mint	480	100.0	432	432	432	90.0	90.0	90.0	40	23	33	185	106	153
Tree fruits	6,598	70.2	5,938	2,969	148	90.0	45.0	2.2	136	55	4	46	37	54
Miscellaneous (unspecified)	511	10.6	409	136	20	80.0	26.6	3.9	90	8	2	440	118	200
Intertilled crops	19,273	24.2	15,342	10,671	1,022	79.6	55.4	5.3	962	445	50	125	83	98
Wheat	5,345	1.0	4,345	109	---	81.3	2.0	---	65	20	---	30	367	---
Oats	412	11.6	294	294	---	71.4	71.4	---	15	8	---	102	54	---
Barley	2,261	1.0	2,261	113	---	100.0	5.0	---	19	15	---	17	265	---
Wild hay	321	18.7	321	321	16	100.0	100.0	5.0	30	16	1	187	100	125
Close-growing crops	8,339	1.1	7,221	837	16	86.6	10.0	.2	129	59	1	36	141	125
Tame hay and cropland pasture	36,345	23.1	9,095	9,095	---	25.0	25.0	---	154	262	---	34	57	---
Improved permanent pasture	28,024	23.6	3,742	3,742	---	13.4	13.4	---	8	20	---	4	11	---
Hay and pasture	64,369	23.3	12,837	12,837	---	19.9	19.9	---	162	282	---	25	44	---
Total	91,981	8.1	35,400	24,345	1,038	38.5	26.5	1.1	1,253	786	51	71	65	98
Washington:														
Corn	568	53.3	500	400	100	88.0	70.4	17.6	25	8	2	100	40	40
Dry beans	224	48.3	200	100	---	89.3	44.6	---	5	3	---	50	60	---
Dry peas	79	---	70	---	---	88.6	---	---	1	---	---	29	---	---
Sugarbeets	4,237	98.4	4,210	2,500	400	99.4	59.0	9.4	420	112	12	200	90	60
Vegetables	5,627	12.1	5,000	3,000	1,000	88.9	53.3	17.8	250	120	20	100	80	40
Potatoes	510	57.0	500	300	100	98.0	58.8	19.6	25	9	3	100	60	60

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-91	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Washington--Continued														
Nursery and greenhouse	128	100.0	100	100	100	78.1	78.1	78.1	10	6	3	200	120	60
Small fruits	162	62.3	100	50	50	61.7	30.9	30.9	5	2	1	100	60	30
Tree fruits	2,038	67.0	1,800	---	---	88.3	---	---	90	---	---	100	---	---
Miscellaneous (unspecified)	5,186	13.9	5,000	3,000	400	96.4	57.8	7.7	150	90	8	60	60	40
Intertilled crops	18,759	7.4	17,480	9,450	2,150	93.2	50.4	11.5	981	350	49	112	74	46
Wheat	6,411	.8	6,000	2,000	100	93.6	31.2	1.6	270	30	2	90	30	40
Oats	353	.9	300	---	---	85.0	---	---	6	---	---	40	---	---
Barley	2,605	.8	2,500	400	---	96.0	15.4	---	75	6	---	60	30	---
Wild hay	67	1.9	60	30	---	89.6	44.8	---	3	---	---	100	35	---
Close-growing crops	9,436	.8	8,860	2,430	100	93.9	25.8	1.1	354	36	2	80	30	40
Tame hay and cropland pasture	19,794	8.8	5,000	5,000	100	25.3	25.3	.5	250	100	3	100	40	60
Improved permanent pasture	17,642	67.4	3,000	500	100	17.0	2.8	.6	120	10	1	80	40	20
Hay and pasture	37,436	14.9	8,000	5,500	200	21.4	14.7	.5	370	110	4	92	40	40
Total	65,631	4.0	34,340	17,380	2,450	52.3	26.5	3.7	1,705	496	55	99	57	45
Total ASR-91:														
Corn	5,744	87.6	5,177	4,882	100	90.1	85.0	1.7	431	162	2	166	66	40
Dry beans	224	48.3	200	100	---	89.3	44.6	---	5	3	---	50	60	---
Dry peas	79	---	70	---	---	88.6	---	---	1	---	---	29	---	---
Sugarbeets	6,938	99.0	6,377	4,667	580	91.9	67.3	8.4	610	216	17	191	93	59
Vegetables	9,518	8.6	6,815	3,286	1,043	71.6	34.5	11.0	346	202	20	102	123	38
Potatoes	752	48.0	724	524	299	96.3	69.7	39.8	38	29	8	105	111	54
Mint	480	100.0	432	432	432	90.0	90.0	90.0	40	23	33	185	106	153
Nursery and greenhouse	128	100.0	100	100	100	78.1	78.1	78.1	10	6	3	200	120	60
All fruits	8,872	68.1	7,908	3,019	198	89.1	34.0	2.2	233	57	5	59	38	50
Miscellaneous (unspecified)	6,223	7.1	5,559	3,136	420	89.3	50.4	6.7	243	98	10	87	62	48
Intertilled crops	38,958	10.0	33,362	20,146	3,172	85.6	51.7	8.1	1,957	796	98	117	79	62
Wheat	12,137	.8	10,726	2,109	100	88.4	17.4	.8	345	50	2	64	47	40
Oats	940	1.4	769	294	---	81.8	31.3	---	26	8	---	68	54	---
Barley	5,037	.8	4,911	513	---	97.5	10.2	---	98	21	---	40	82	---
Wild hay	388	7.5	381	351	16	98.2	90.5	4.1	33	16	1	173	91	125
Close-growing crops	18,502	.8	16,787	3,267	116	90.7	17.7	.6	502	95	3	60	58	52
Tame hay and cropland pasture	59,755	12.4	14,645	15,595	100	24.5	26.1	.2	417	397	3	57	51	60
Improved permanent pasture	49,456	31.3	9,342	6,342	100	18.9	12.8	.2	154	61	2	33	19	40
Hay and pasture	109,211	17.0	23,987	21,937	200	22.0	20.1	.2	571	458	5	48	42	50
Total	166,671	5.1	74,136	45,350	3,488	44.5	27.2	2.1	3,030	1,349	106	82	59	61
ASR-92														
Washington:														
Corn	31,834	97.9	21,400	31,000	31,000	67.2	97.4	97.4	1,860	320	131	174	21	8
Dry beans	52,531	99.3	48,000	48,000	24,000	91.4	91.4	45.7	1,599	320	40	67	13	3
Dry peas	14,762	94.1	4,000	4,000	---	27.1	27.1	---	80	80	---	40	40	---
Sugarbeets	11,407	99.9	10,178	10,178	10,178	89.2	89.2	89.2	1,017	302	50	200	59	10
Vegetables	3,350	85.4	3,300	3,300	3,300	98.5	98.5	98.5	165	99	82	100	60	50
Potatoes	16,697	99.5	16,500	16,500	16,500	98.8	98.8	98.8	1,320	525	412	160	64	50
Mint	1,439	100.0	1,400	1,400	1,400	97.3	97.3	97.3	140	42	28	200	60	40
Nursery and greenhouse	97	100.0	97	97	97	100.0	100.0	100.0	5	5	5	103	103	103
Small fruits	10	66.7	10	10	10	100.0	100.0	100.0	1	---	---	160	80	80
Tree fruits	8,816	96.1	8,400	---	---	95.3	---	---	252	---	---	60	---	---
Miscellaneous (unspecified)	7,599	94.1	4,500	---	---	59.2	---	---	130	---	---	58	---	---
Intertilled crops	148,542	79.9	117,785	114,485	86,485	79.3	77.1	58.2	6,569	1,693	748	112	30	17
Wheat	41,648	4.6	32,000	---	---	76.8	---	---	1,600	---	---	100	---	---
Rye	2,000	2.6	500	---	---	25.0	---	---	5	---	---	20	---	---
Oats	2,878	9.2	2,000	---	---	69.5	---	---	40	---	---	40	---	---
Barley	7,344	2.6	6,000	---	---	81.7	---	---	300	---	---	100	---	---
Wild hay	1,715	34.5	500	---	---	29.2	---	---	2	---	---	10	---	---
Close-growing crops	55,585	4.3	41,000	---	---	73.8	---	---	1,947	---	---	94	---	---

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-92	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Washington--Continued														
Tame hay and cropland pasture	65,733	30.4	25,000	25,000	---	38.0	38.0	---	302	399	---	24	32	---
Total	269,860	16.2	183,785	139,485	86,485	68.1	51.7	32.0	8,818	2,092	748	96	30	17
ASR-93														
Washington:														
Corn	48,553	97.4	37,000	37,000	37,000	76.2	76.2	76.2	2,960	840	185	160	45	10
Dry beans	1,102	98.2	1,100	1,100	---	99.8	99.8	99.8	33	11	---	60	20	---
Dry peas	894	100.0	300	300	---	33.6	33.6	---	6	6	---	40	40	---
Sugarbeets	17,306	100.0	17,011	17,011	17,011	98.3	98.3	98.3	1,701	610	85	200	72	10
Vegetables	29,278	94.5	17,000	17,000	17,000	58.1	58.1	58.1	850	610	346	100	72	41
Potatoes	8,252	99.3	6,000	6,000	6,000	72.7	72.7	72.7	540	280	150	180	93	50
Hops	18,314	100.0	13,000	13,000	13,000	71.0	71.0	71.0	650	493	130	100	76	20
Mint	16,446	100.0	12,000	12,000	12,000	73.0	73.0	73.0	1,200	460	60	200	77	10
Nursery and greenhouse	881	100.0	880	880	880	99.9	99.9	99.9	44	44	44	100	100	100
Small fruits	72	34.6	20	20	---	27.8	27.8	---	---	---	---	100	100	---
Tree fruits	110,202	97.8	80,000	---	---	72.6	---	---	2,641	---	---	66	---	---
Miscellaneous (unspecified)	2,245	100.0	960	1,000	---	42.8	44.5	---	48	30	---	100	60	---
Intertilled crops	253,545	97.8	185,271	105,311	102,891	73.1	41.5	40.6	10,673	3,384	1,000	115	64	19
Wheat	20,087	9.6	15,000	---	---	74.7	---	---	750	---	---	100	---	---
Rye	705	2.6	200	---	---	28.4	---	---	5	---	---	50	---	---
Oats	9,284	64.6	2,000	---	---	21.5	---	---	50	---	---	50	---	---
Barley	9,315	17.0	5,000	---	---	53.7	---	---	250	---	---	100	---	---
Wild hay	1,951	22.2	500	---	---	25.6	---	---	3	---	---	12	---	---
Close-growing crops	41,342	13.1	22,700	---	---	54.9	---	---	1,058	---	---	93	---	---
Tame hay and cropland pasture	125,295	31.2	65,000	65,000	---	51.9	51.9	---	800	2,040	---	25	63	---
Improved permanent pasture	70,298	100.0	---	5,000	---	---	7.1	---	---	150	---	---	60	---
Hay and pasture	195,593	41.5	65,000	70,000	---	33.2	35.8	---	800	2,190	---	25	63	---
Total	490,480	46.9	272,971	175,311	102,891	55.7	35.7	21.0	12,531	5,574	1,000	92	64	19
ASR-94														
Idaho:														
Corn	72,459	97.7	60,000	60,000	9,000	82.8	82.8	12.4	2,250	1,450	90	75	48	20
Dry beans	130,505	99.7	---	15,000	---	---	11.5	---	---	270	---	---	36	---
Dry peas	19,775	99.5	---	5,000	---	---	25.3	---	---	90	---	---	36	---
Sugarbeets	90,609	99.8	81,466	81,466	---	89.9	89.9	---	3,820	3,200	---	94	79	---
Vegetables	20,210	99.0	15,000	16,000	9,000	74.2	79.2	44.5	490	390	135	65	49	30
Sweet corn	6,562	99.3	5,500	5,500	---	83.8	83.8	---	210	125	---	76	45	---
Potatoes	190,110	98.6	166,671	166,671	17,000	87.7	87.7	8.9	6,080	4,730	325	73	57	38
Tree fruits	13,644	95.2	10,000	5,000	---	73.3	36.6	---	350	100	---	70	40	---
Miscellaneous (unspecified)	114,420	65.7	15,000	17,000	---	13.1	14.9	---	330	350	---	44	41	---
Intertilled crops	658,294	98.9	353,637	371,637	35,000	53.7	56.5	5.3	13,530	10,705	550	77	58	31
Wheat	298,917	38.8	150,000	---	---	50.2	---	---	4,000	---	---	53	---	---
Oats	45,675	77.2	9,000	---	---	19.7	---	---	210	---	---	47	---	---
Barley	95,575	28.4	38,000	---	---	39.8	---	---	820	---	---	43	---	---
Wild hay	50,812	77.6	1,000	---	---	2.0	---	---	20	---	---	40	---	---
Close-growing crops	490,979	39.9	198,000	---	---	38.9	---	---	5,050	---	---	51	---	---
Tame hay and cropland pasture	693,481	55.4	90,000	190,000	---	13.0	27.4	---	1,590	6,700	---	35	71	---
Improved permanent pasture	223,198	100.0	8,500	10,000	---	3.8	4.5	---	270	290	---	64	58	---
Hay and pasture	916,679	62.2	98,500	200,000	---	10.7	21.8	---	1,860	6,990	---	38	70	---
Total	2,065,952	60.3	650,137	571,637	35,000	31.5	27.7	1.7	20,440	17,695	550	63	62	31

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-94--Continued														
Utah:														
Corn	29,032	97.3	16,680	---	---	57.5	---	---	500	---	---	60	---	---
Sugarbeets	28,807	100.0	26,082	26,082	224	90.5	90.5	0.8	1,304	1,043	13	100	80	120
Vegetables	15,427	97.2	12,182	12,182	1,205	79.0	79.0	7.8	243	364	40	40	60	66
Potatoes	2,630	95.2	2,120	2,120	127	80.6	80.6	4.8	81	84	7	76	79	102
All fruits	10,408	91.6	5,483	5,483	---	52.7	52.7	---	110	82	---	40	30	---
Intertilled crops	86,304	97.4	62,547	45,867	1,556	72.5	53.1	1.8	2,238	1,573	60	72	69	77
Wheat	45,721	26.9	10,450	---	---	22.9	---	---	335	---	---	64	---	---
Oats	9,772	86.8	1,000	250	---	10.2	2.6	---	15	5	---	30	40	---
Barley	74,365	67.8	21,118	231	---	28.4	.3	---	423	2	---	40	20	---
Wild hay	42,149	84.0	1,000	1,000	---	2.4	2.4	---	15	15	---	30	30	---
Close-growing crops	172,007	50.4	33,568	1,481	---	19.5	.9	---	788	22	---	47	30	---
Tame hay and cropland pasture	223,272	51.5	24,625	33,344	---	6.6	14.9	---	203	1,187	---	28	71	---
Improved permanent pasture	114,965	84.7	3,867	3,867	---	3.4	3.4	---	77	115	---	40	59	---
Hay and pasture	338,237	59.4	18,492	37,211	---	5.5	11.0	---	280	1,302	---	30	70	---
Total	596,548	59.7	114,607	84,559	1,556	19.2	14.2	.3	3,306	2,897	60	58	69	77
Total ASR-94:														
Corn	101,491	97.6	76,680	60,000	9,000	75.6	59.1	8.9	2,750	1,450	90	72	48	20
Dry beans	130,505	99.7	---	15,000	---	---	11.5	---	---	270	---	---	36	---
Dry peas	19,775	99.5	---	5,000	---	---	25.3	---	---	90	---	---	36	---
Sugarbeets	119,416	99.9	107,548	107,548	224	90.1	90.1	.2	5,124	4,243	13	95	79	116
Vegetables	35,637	98.2	27,182	28,182	10,205	76.3	79.1	28.6	733	754	175	54	54	34
Sweet corn	6,562	99.3	5,500	5,500	---	83.8	83.8	---	210	125	---	76	45	---
Potatoes	192,740	98.5	168,791	168,791	17,127	87.6	87.6	8.9	6,161	4,814	332	73	57	39
All fruits	24,052	93.6	15,483	10,483	---	64.4	43.6	---	460	132	---	59	35	---
Miscellaneous (unspecified)	114,420	65.7	15,000	17,000	---	13.1	14.9	---	330	350	---	44	41	---
Intertilled crops	744,598	91.6	416,184	417,504	36,556	55.9	56.1	4.9	15,768	12,278	610	76	59	33
Wheat	344,638	36.7	160,450	---	---	46.6	---	---	4,335	---	---	54	---	---
Oats	55,447	78.7	10,000	250	---	18.0	.4	---	225	5	---	45	40	---
Barley	169,940	38.1	59,118	231	---	34.8	.1	---	1,243	2	---	42	17	---
Wild hay	92,961	80.4	2,000	1,000	---	2.2	1.1	---	35	15	---	35	30	---
Close-growing crops	662,986	42.2	231,568	1,481	---	34.9	.2	---	5,838	22	---	50	30	---
Tame hay and cropland pasture	916,753	54.4	104,625	223,344	---	11.4	24.4	---	1,793	7,887	---	34	71	---
Improved permanent pasture	338,163	94.2	12,367	13,867	---	3.7	4.1	---	347	405	---	56	58	---
Hay and pasture	1,254,916	61.4	116,992	237,211	---	9.3	18.9	---	2,140	8,292	---	37	70	---
Total	2,662,500	60.1	764,744	656,196	36,556	28.7	24.6	1.4	23,746	20,592	610	62	63	33
ASR-95														
Arizona:														
Corn	6,400	27.5	3,633	500	---	56.8	7.8	---	114	8	---	63	32	---
Sorghums	1,200	66.7	935	470	18	77.9	39.2	1.5	34	9	---	73	38	20
Cotton	400	100.0	370	95	29	92.5	23.8	7.2	29	3	---	157	63	20
Vegetables	250	100.0	169	98	21	67.6	39.2	8.4	6	2	---	71	41	46
Potatoes	200	100.0	134	134	50	67.0	67.0	25.0	4	3	1	60	45	40
Fruits and nuts	700	43.8	630	526	---	90.0	75.1	---	63	37	---	200	141	---
Intertilled crops	9,150	33.2	5,871	1,823	118	64.2	19.9	1.3	250	62	1	83	68	33
Wheat	4,700	53.4	2,750	1,385	15	58.5	29.5	.3	77	20	---	56	29	15
Oats	900	31.0	605	365	10	67.2	40.6	1.1	21	6	---	69	33	15
Barley	2,000	90.9	1,292	745	17	64.6	37.2	.8	43	12	---	67	32	15
Seed crops	150	100.0	150	150	---	100.0	100.0	---	19	5	---	253	67	---
Close-growing crops	7,750	55.2	4,797	2,645	42	61.9	34.1	.5	160	43	---	67	33	15
Tame hay and cropland pasture	33,850	72.7	8,812	9,045	---	26.0	26.7	---	264	193	---	60	43	---
Total	50,750	57.6	19,480	13,513	160	38.4	26.6	.3	674	298	1	69	44	28

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-95--Continued														
California:														
Corn	1,751	61.9	532	90	---	30.4	5.1	---	20	3	---	75	67	---
Sorghums	778	76.7	640	334	---	82.3	42.9	---	29	7	---	91	42	---
Dry beans	51	98.1	46	---	---	90.2	---	---	2	---	---	87	---	---
Vegetables	1,003	94.5	780	537	54	77.8	53.5	5.4	24	27	1	62	101	37
Potatoes	9,395	99.8	7,864	7,518	220	83.7	80.0	2.3	448	507	7	114	135	64
Tree fruits	21,929	80.1	16,048	3,355	3,546	73.2	15.3	16.2	467	95	117	58	57	66
Intertilled crops	34,907	83.6	25,910	11,834	3,820	74.2	33.9	10.9	990	639	125	76	108	65
Wheat	11,494	26.3	10,858	3,435	---	94.5	29.9	---	352	68	---	65	40	---
Rice	5,515	100.0	3,612	1,354	---	65.5	24.6	---	90	27	---	50	40	---
Oats	5,368	30.8	3,530	1,369	---	65.8	25.5	---	60	27	---	34	39	---
Barley	37,707	66.2	32,287	12,718	---	85.6	33.7	---	661	254	---	41	40	---
Close-growing crops	60,084	48.4	50,287	18,876	---	83.7	31.4	---	1,163	376	---	46	40	---
Tame hay and cropland pasture	123,830	20.1	36,666	25,020	87	29.6	20.2	.1	813	597	2	44	48	46
Improved permanent pasture	142,607	60.7	9,250	9,850	---	6.5	6.9	---	189	333	---	41	68	---
Hay and pasture	266,437	31.3	45,916	34,870	87	17.2	13.1	---	1,002	930	2	44	53	46
Total	361,428	35.5	122,113	65,580	3,907	33.8	18.1	1.1	3,156	1,945	127	52	59	65
Nevada:														
Corn	4,170	100.0	3,753	3,753	---	90.0	90.0	---	120	150	---	64	80	---
Sugarbeets	458	100.0	458	458	---	100.0	100.0	---	9	11	---	39	48	---
Vegetables	1,235	100.0	1,235	1,235	---	100.0	100.0	---	98	123	---	159	199	---
Potatoes	1,233	100.0	1,233	1,233	1,233	100.0	100.0	100.0	27	27	27	44	44	44
Nursery and greenhouse	194	100.0	194	194	---	100.0	100.0	---	6	8	---	62	82	---
Intertilled crops	7,290	100.0	6,873	6,873	1,233	94.3	94.3	16.9	260	319	27	76	93	44
Wheat	18,563	92.9	15,321	15,321	---	82.5	82.5	---	290	300	---	38	39	---
Oats	2,320	100.0	1,392	1,392	---	60.0	60.0	---	33	42	---	47	60	---
Barley	11,835	100.0	5,526	5,526	---	46.7	46.7	---	145	181	---	52	66	---
Wild hay	87,717	85.2	1,795	1,795	---	2.0	2.0	---	14	18	---	16	20	---
Close-growing crops	120,435	87.9	24,034	24,034	---	20.0	20.0	---	482	541	---	40	45	---
Tame hay and cropland pasture	169,159	31.3	22,262	22,262	---	13.2	13.2	---	356	445	---	32	40	---
Improved permanent pasture	252,957	100.0	1,052	1,052	---	.4	.4	---	17	21	---	32	40	---
Hay and pasture	422,116	53.2	23,314	23,314	---	5.5	5.5	---	373	466	---	32	40	---
Total	549,841	58.6	54,221	54,221	1,233	9.9	9.9	.2	1,115	1,326	27	41	49	44
Oregon:														
Corn	18,234	100.0	11,980	11,933	830	65.7	65.4	4.6	810	326	27	135	55	65
Sugarbeets	17,840	99.9	14,432	14,432	1,845	80.9	80.9	10.3	932	467	57	129	65	62
Vegetables	6,468	73.1	2,501	2,090	765	38.7	32.3	11.8	85	50	4	68	48	10
Potatoes	29,332	98.2	27,190	27,106	8,328	92.7	92.4	28.4	2,107	1,565	262	155	115	63
Mint	2,989	100.0	2,442	2,442	2,223	81.7	81.7	74.4	158	79	58	129	65	52
Tree fruits	920	47.2	301	231	29	32.7	25.1	3.2	6	4	1	40	35	69
Miscellaneous (unspecified)	20,441	54.3	6,505	2,824	164	31.8	13.8	.8	128	48	3	39	34	37
Intertilled crops	96,224	82.0	65,351	61,058	14,184	67.9	63.5	14.7	4,226	2,539	412	129	83	58
Wheat	44,973	33.6	33,913	17,529	---	75.4	39.0	---	1,179	292	---	70	33	---
Oats	34,457	75.6	13,097	6,926	572	38.0	20.1	1.7	350	121	15	53	35	52
Barley	71,331	58.6	36,197	15,473	660	50.7	21.7	.9	857	258	15	47	33	45
Wild hay	187,917	88.4	10,038	10,038	265	5.3	5.3	.1	250	251	5	50	50	38
Close-growing crops	338,678	65.9	93,245	49,966	1,497	27.5	14.8	.4	2,636	922	35	57	37	47
Tame hay and cropland pasture	290,668	35.1	44,163	44,163	469	15.2	15.2	.2	1,741	1,098	13	79	50	55
Improved permanent pasture	180,113	80.9	6,654	6,654	102	3.7	3.7	.1	187	180	3	56	54	59
Hay and pasture	470,781	44.8	50,817	50,817	571	10.8	10.8	.1	1,928	1,278	16	76	50	56
Total	905,683	53.9	209,413	161,841	16,252	23.1	17.9	1.8	8,790	4,739	463	84	59	57

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Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
ASR-95--Continued														
Utah:														
Corn	14,453	98.3	3,888	---	---	26.9	---	---	117	---	---	60	---	---
Sugarbeets	1,378	100.0	1,235	1,235	---	89.6	89.6	---	80	53	---	130	86	---
Vegetables	284	99.0	227	227	---	79.9	79.9	---	4	4	---	35	35	---
Potatoes	5,010	99.1	3,731	3,731	---	74.5	74.5	---	112	132	---	60	71	---
All fruits	1,726	100.0	1,062	1,062	---	61.5	61.5	---	15	13	---	28	24	---
Intertilled crops	22,851	98.7	10,143	6,255	---	44.4	27.4	---	328	202	---	65	65	---
Wheat	12,386	22.0	1,400	---	---	11.3	---	---	28	---	---	40	---	---
Barley	30,866	88.9	5,833	532	---	18.9	1.7	---	117	11	---	38	41	---
Wild hay	11,660	87.4	200	---	---	1.7	---	---	3	---	---	30	---	---
Close-growing crops	54,912	52.7	7,433	532	---	13.5	1.0	---	148	11	---	40	41	---
Tame hay and cropland pasture	186,922	42.2	4,080	30,160	---	2.2	16.1	---	122	1,149	---	60	76	---
Improved permanent pasture	140,397	100.0	1,839	1,839	---	1.3	1.3	---	37	51	---	40	55	---
Hay and pasture	327,319	56.1	5,919	31,999	---	1.8	9.8	---	159	1,200	---	54	75	---
Total	405,082	57.0	23,495	38,786	---	5.8	9.6	---	635	1,413	---	54	73	---
Total ASR-95:														
Corn	45,008	71.2	23,786	16,276	830	52.8	36.2	1.8	1,181	487	27	99	60	65
Sorghums	1,978	70.3	1,575	804	18	79.6	40.6	.9	63	16	---	80	40	---
Dry beans	51	98.1	46	---	---	90.2	---	---	2	---	---	87	---	---
Cotton	480	100.0	370	95	29	92.5	23.8	7.3	25	3	---	157	63	20
Sugarbeets	19,676	99.9	16,125	16,125	1,845	82.0	82.0	9.4	1,021	531	57	127	66	62
Vegetables	9,240	79.1	4,912	4,187	840	53.2	45.3	9.1	217	206	5	88	98	12
Potatoes	45,170	98.7	40,152	39,722	9,831	88.9	87.9	21.8	2,698	2,234	297	134	112	60
Mint	2,989	100.0	2,442	2,442	2,223	81.7	81.7	74.4	158	79	58	129	65	52
Nursery and greenhouse	194	100.0	194	194	---	100.0	100.0	---	6	8	---	62	82	---
All fruits and nuts	25,275	77.4	18,041	5,174	3,575	71.4	20.5	14.1	551	149	113	61	58	66
Miscellaneous (unspecified)	20,441	54.3	6,505	2,824	164	31.8	13.8	.8	128	48	3	39	34	37
Intertilled crops	170,422	78.5	114,148	87,843	19,355	67.0	51.5	11.4	6,054	3,761	565	106	86	58
Wheat	92,316	75.1	64,242	37,670	15	69.7	40.9	---	1,926	680	---	60	36	15
Rice	5,515	100.0	3,612	1,354	---	65.5	24.6	---	90	27	---	50	40	---
Oats	43,045	62.6	18,624	10,052	582	43.3	23.4	1.4	464	196	15	50	39	52
Barley	153,739	67.6	81,135	34,994	677	52.8	22.8	.4	1,823	716	15	45	41	44
Seed crops	150	100.0	150	150	---	100.0	100.0	---	19	5	---	253	67	---
Wild hay	287,294	87.4	12,033	11,833	265	4.2	4.1	.1	267	269	5	44	45	38
Close-growing crops	581,859	65.2	179,796	96,053	1,539	30.9	16.5	.3	4,589	1,893	35	51	39	45
Tame hay and cropland pasture	804,429	32.5	115,983	130,650	556	14.4	16.2	.1	3,296	3,482	15	57	53	54
Improved permanent pasture	716,074	84.2	18,795	19,395	102	2.6	2.7	---	430	585	3	46	60	59
Hay and pasture	1,520,503	45.7	134,778	150,045	658	8.9	9.9	---	3,726	4,067	18	55	54	55
Total	2,272,784	51.2	428,722	333,941	21,552	18.9	14.7	.9	14,369	9,721	618	67	58	57
ASR-96														
California:														
Corn	13,157	99.5	12,295	7,848	255	93.4	59.6	1.9	957	183	6	156	47	47
Sorghums	24,634	97.4	24,634	1,020	---	100.0	6.6	---	2,112	53	---	171	65	---
Dry beans (lima)	38,953	86.1	12,337	9,473	8,638	31.7	24.3	22.2	614	453	216	100	96	50
Dry beans (other)	19,489	78.8	4,735	1,437	---	24.3	7.4	---	157	33	---	66	46	---
Cotton	74,031	99.9	74,031	71,162	---	100.0	96.1	---	8,378	3,354	---	226	94	---
Sugarbeets	46,516	99.7	45,255	42,170	273	97.3	90.7	.6	5,342	2,093	1	236	99	7
Vegetables	197,471	99.0	197,471	179,236	67,052	100.0	90.8	34.0	16,570	11,948	2,984	168	133	89
Potatoes	15,376	100.0	15,282	13,934	5,968	99.4	90.6	38.8	1,440	784	204	188	113	68
Sweetpotatoes	2,784	100.0	2,736	734	332	98.3	26.4	11.9	124	22	8	91	60	48
Nursery and greenhouse	12,023	74.6	12,023	12,023	12,023	100.0	100.0	100.0	2,082	1,028	637	346	171	106
Small fruits	2,768	100.0	2,768	2,768	2,768	100.0	100.0	100.0	399	211	172	288	152	124
Tree fruits	272,364	96.1	201,448	41,609	24,651	74.0	15.3	9.0	15,152	3,257	1,450	150	157	118
Intertilled crops	719,566	96.1	605,015	384,014	121,960	84.1	53.4	16.9	53,427	23,419	5,677	176	122	93

Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-96	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
California--Continued														
Wheat	8,102	21.4	3,659	2,067	---	45.2	25.5	---	176	42	---	96	41	---
Oats	3,190	24.3	2,751	2,332	---	86.2	73.1	---	129	55	---	94	47	---
Barley	113,748	61.4	103,340	82,967	---	90.8	72.9	---	6,117	2,388	---	118	58	---
Alfalfa seed	19,918	100.0	95	14,858	---	.5	74.6	---	2	564	---	42	76	---
Flax	26,199	100.0	26,199	26,199	---	100.0	100.0	---	1,965	1,048	---	150	80	---
Close-growing crops	171,157	60.6	136,044	128,423	---	78.3	75.0	---	8,389	4,097	---	125	64	---
Tame hay and cropland pasture	262,435	37.4	61,078	184,466	1,092	23.3	70.3	0.4	2,020	6,738	31	66	73	57
Improved permanent pasture	22,394	54.2	11,197	10,230	---	50.0	45.7	---	308	205	---	55	40	---
Hay and pasture	284,829	38.3	72,275	194,696	1,092	25.4	68.4	.4	2,328	6,943	31	64	71	57
Total	1,175,552	66.2	813,334	707,133	123,052	45.8	39.8	6.9	64,044	34,459	5,709	157	97	92
ASR-97														
California:														
Corn	211,254	97.0	185,367	75,790	7,827	87.7	35.9	3.7	9,662	1,856	117	104	49	30
Sorghums	184,906	94.5	135,740	30,037	367	73.4	16.2	.2	6,092	654	5	90	44	27
Dry beans (lima)	39,987	92.0	3,830	4,949	2,126	9.6	12.4	5.3	74	116	35	39	47	33
Dry beans (other)	79,424	96.4	27,155	7,212	1,755	34.2	9.1	2.2	1,194	186	27	88	52	31
Cotton	744,960	99.9	679,503	218,727	31,444	91.2	29.4	4.2	35,890	6,067	1,522	106	55	97
Sugarbeets	112,798	99.9	100,648	32,655	3,519	89.2	28.9	3.1	6,255	882	70	124	54	40
Vegetables	266,531	99.2	187,885	129,430	34,228	70.5	48.6	12.8	9,226	4,253	992	98	66	58
Potatoes	55,040	99.8	52,996	27,042	25,683	96.3	49.1	46.7	4,065	1,916	1,876	153	142	146
Sweetpotatoes	5,705	100.0	5,058	3,147	2,886	88.7	55.2	50.6	225	105	107	89	67	74
Small fruits	1,337	99.6	1,279	1,164	1,154	95.7	87.1	86.3	111	58	74	174	100	128
Tree fruits	855,526	98.3	675,867	89,685	85,699	79.0	10.5	10.0	28,527	2,902	2,548	84	65	59
Intertilled crops	2,557,468	98.4	2,055,328	619,838	196,688	80.4	24.2	7.7	101,321	18,995	7,373	99	61	75
Wheat	58,837	38.7	45,548	18,101	---	77.4	30.8	---	519	300	---	23	33	---
Rice	294,841	100.0	285,034	44,946	230	96.7	15.2	.1	10,518	820	12	74	36	104
Oats	10,694	16.6	8,704	3,185	---	81.4	29.8	---	210	50	---	48	31	---
Barley	598,104	58.7	564,687	229,265	---	94.4	38.3	---	20,726	4,218	---	73	37	---
Flax	8,069	100.0	334	---	---	4.1	---	---	13	---	---	78	---	---
Safflower	15,039	13.3	13,907	2,979	---	92.5	19.8	---	533	32	---	77	22	---
Alfalfa seed	105,165	96.6	217	11,684	5	.2	11.1	---	6	476	---	60	81	40
Other field crops	12,000	100.0	600	9,000	---	5.0	75.0	---	12	315	---	40	70	---
Close-growing crops	1,102,749	62.2	919,031	319,160	235	83.3	28.9	---	32,537	6,211	12	71	39	102
Tame hay and cropland pasture	759,226	33.5	188,879	213,439	8,680	24.9	28.1	1.1	4,538	7,150	187	48	70	43
Improved permanent pasture	667,741	99.1	7,575	48,777	---	7.4	7.3	---	1,567	782	---	63	32	---
Hay and pasture	1,426,967	48.5	238,454	262,216	8,680	16.7	18.4	.6	6,105	8,232	187	51	63	43
Total	5,087,184	69.6	3,212,813	1,201,214	205,603	63.2	23.6	4.0	139,963	33,438	7,573	87	56	74
ASR-98														
California:														
Corn	18,064	88.7	12,757	9,501	1,095	70.6	52.6	6.1	717	401	45	112	84	82
Sorghums	16,918	85.3	15,131	7,144	722	89.4	42.2	4.3	946	315	22	125	88	61
Dry beans (lima)	4,926	94.3	687	1,723	17	13.9	35.0	.3	24	76	---	70	88	35
Dry beans (other)	42,825	93.4	5,925	9,120	2,085	13.8	21.3	4.9	173	229	49	58	50	47
Cotton	1,733	100.0	1,613	1,613	1,613	93.1	93.1	93.1	48	32	40	60	40	50
Sugarbeets	45,723	99.8	43,070	29,873	5,077	94.2	65.3	11.1	3,204	1,077	127	149	72	50
Vegetables	186,220	100.0	136,737	128,014	60,498	73.4	68.7	32.5	11,044	5,516	1,894	162	86	63
Potatoes	5,345	100.0	4,719	4,719	3,399	88.3	88.3	63.6	344	232	159	146	98	94
Small fruits	7,083	98.6	7,083	6,547	5,725	100.0	92.4	80.8	620	392	210	175	120	73
Tree fruits	123,510	56.6	114,714	24,640	20,031	92.9	19.9	16.2	5,060	906	2,989	88	74	298
Intertilled crops	452,347	81.4	342,436	232,894	100,262	75.7	49.3	22.2	22,180	9,176	5,535	130	82	110

Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-93	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
California--Continued														
Wheat	2,976	2.8	965	669	---	32.4	22.5	---	24	17	---	50	51	---
Oats	847	2.6	298	226	---	35.2	26.7	---	7	6	---	47	50	---
Barley	21,629	9.4	8,146	4,856	---	37.7	22.5	---	246	114	---	60	47	---
Safflower	2,324	63.7	2,324	465	---	100.0	20.0	---	93	10	---	44	43	---
Alfalfa seed	1,918	92.3	754	1,014	52	39.3	52.9	2.7	15	29	1	40	57	38
Close-growing crops	29,694	7.9	12,487	7,230	52	42.1	24.3	.2	385	176	1	62	49	38
Tame hay and cropland pasture	65,891	8.6	28,406	30,969	2,653	43.1	47.0	4.0	800	794	17	56	51	13
Improved permanent pasture	48,256	29.2	6,941	8,083	10	14.4	16.8	---	154	256	---	44	63	40
Hay and pasture	114,147	12.3	35,347	39,052	2,663	31.0	34.2	2.3	954	1,050	17	54	54	13
Total	596,188	32.1	390,270	269,176	102,977	65.5	45.1	17.3	22,519	10,402	5,553	115	77	108
ASH-99														
California:														
Corn	605	47.6	471	205	16	77.9	33.9	2.6	15	7	---	63	70	38
Sorghums	216	30.7	174	51	4	80.6	23.6	1.9	4	2	---	49	71	50
Potatoes	262	66.2	68	68	68	26.0	26.0	26.0	3	3	2	88	88	53
Tree fruits	12,343	42.5	11,301	2,334	2,262	91.6	18.9	18.3	682	75	73	121	64	64
Intertilled crops	13,426	42.7	12,014	2,658	2,350	89.5	19.8	17.5	704	87	75	117	65	63
Wheat	3	.4	3	---	---	100.0	---	---	---	---	---	67	---	---
Barley	230	10.6	230	141	---	100.0	61.3	---	6	4	---	85	60	---
Safflower	46	100.0	5	---	---	10.9	---	---	---	---	---	80	---	---
Close-growing crops	279	9.7	238	141	---	85.3	61.3	---	6	4	---	84	60	---
Tame hay and cropland pasture	14,000	5.1	8,960	10,006	520	64.0	71.5	3.7	190	308	15	92	61	55
Improved permanent pasture	25,570	74.5	4,764	4,764	200	18.6	18.6	.8	100	142	5	44	87	5
Hay and pasture	39,570	12.7	13,724	14,770	720	34.7	37.3	1.8	290	450	20	75	69	42
Total	53,275	15.5	25,976	17,569	3,070	48.8	33.0	5.8	1,000	541	95	77	62	62
Oregon:														
Corn	11,263	39.7	11,263	8,182	2,037	100.0	72.6	18.1	449	228	56	80	56	55
Vegetables	34,462	84.6	34,462	34,462	17,253	100.0	100.0	50.1	2,001	1,615	798	116	94	93
Potatoes	2,012	48.8	1,993	1,993	1,993	99.1	99.1	99.1	40	119	59	40	119	59
Mint	11,460	97.1	11,410	7,778	4,172	99.6	67.9	36.4	687	259	136	120	67	65
Tree fruits	28,121	32.0	20,598	---	---	73.2	---	---	764	---	---	74	---	---
Miscellaneous (unspecified)	27,060	8.4	24,793	24,500	24,100	91.6	90.5	89.1	623	187	120	50	15	10
Intertilled crops	114,378	33.1	104,519	76,915	49,555	91.4	67.2	43.3	4,564	2,408	1,169	87	63	47
Wheat	1,406	1.5	1,406	583	---	100.0	41.5	---	25	8	---	36	27	---
Oats	1,148	1.2	246	13	---	21.4	1.1	---	2	---	---	16	31	---
Barley	4,574	2.9	1,614	500	---	35.3	10.9	---	20	12	---	25	48	---
Close-growing crops	7,128	2.0	3,266	1,096	---	45.8	15.4	---	47	20	---	29	36	---
Tame hay and cropland pasture	60,809	8.5	39,629	19,327	6,227	65.2	31.8	10.2	844	431	139	43	45	45
Improved permanent pasture	88,469	77.7	12,303	12,303	860	13.9	13.9	1.0	327	322	22	53	52	51
Hay and pasture	149,278	18.0	51,932	31,630	7,087	34.8	21.2	4.7	1,171	753	161	45	48	45
Total	270,784	16.2	159,717	109,641	56,642	59.0	40.5	20.9	5,782	3,181	1,330	72	58	47
Washington:														
Corn	412	9.3	320	364	320	77.7	88.3	77.7	12	20	12	75	110	75
Dry beans	146	96.1	100	146	73	68.5	100.0	50.0	2	6	1	40	82	27
Dry peas	19	1.9	---	19	10	---	100.0	52.6	---	1	---	---	105	40
Vegetables	4,928	14.4	4,928	4,928	4,928	100.0	100.0	100.0	197	370	185	80	150	75
Potatoes	1,003	23.5	1,003	1,003	960	100.0	100.0	95.7	20	100	60	40	199	125
Hops	130	100.0	130	130	89	100.0	100.0	68.5	5	4	2	77	62	45

Table 4.--Fertilizer use on irrigated crops and pasture, agricultural subregions by State parts, 1959--Continued

State and crop	Irrigated acreage harvested	Percentage of harvested acreage irrigated	Acreage fertilized with--			Percentage of acreage fertilized with--			Quantity of nutrients applied			Quantity per acre fertilized		
			N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O	N	Available P_2O_5	K_2O
ASR-99	Acres	Percent	Acres	Acres	Acres	Percent	Percent	Percent	Tons	Tons	Tons	Pounds	Pounds	Pounds
Washington--Continued														
Mint	500	45.3	500	500	500	100.0	100.0	100.0	30	23	15	120	92	60
Nursery and greenhouse	3,863	75.1	3,800	3,800	2,280	98.4	98.4	59.0	76	190	57	40	100	50
Small fruits	2,218	19.4	2,000	2,000	1,422	90.2	90.2	64.1	20	100	32	20	100	45
Tree fruits	373	5.2	250	250	104	67.0	67.0	27.9	4	6	1	32	48	19
Intertilled crops	13,592	19.7	13,031	13,140	10,686	95.9	96.7	78.6	366	820	365	56	125	68
Wheat	112	1.4	112	112	28	100.0	100.0	25.0	2	2	---	36	36	21
Oats	322	.8	250	250	---	77.6	77.6	---	3	2	---	24	16	---
Barley	104	1.0	104	104	26	100.0	100.0	25.0	2	2	---	38	38	20
Wild hay	385	2.0	150	150	150	39.0	39.0	39.0	2	1	1	27	13	13
Close-growing crops	923	1.2	616	616	204	66.7	66.7	22.1	9	7	1	29	23	15
Tame hay and cropland pasture	28,517	4.7	19,400	28,000	21,000	68.0	98.2	73.6	582	980	616	60	70	59
Improved permanent pasture	33,095	100.0	12,400	16,552	16,552	37.5	50.0	50.0	372	579	372	60	70	45
Hay and pasture	61,612	9.6	31,800	44,552	37,552	51.6	72.3	60.9	954	1,559	988	60	70	53
Total	76,127	9.6	45,447	58,308	48,442	59.7	76.6	63.6	1,329	2,386	1,354	58	82	56
Total ASR-99:														
Corn	12,280	36.0	12,054	8,751	2,373	98.2	71.3	19.3	476	255	68	79	58	57
Sorghums	216	30.7	174	51	4	80.6	23.6	1.9	4	2	---	49	71	50
Dry beans	146	96.1	100	146	73	68.5	100.0	50.0	2	6	1	40	82	27
Dry peas	19	1.9	---	19	10	---	100.0	52.6	---	1	---	---	105	40
Vegetables	39,390	52.5	39,390	39,390	22,181	100.0	100.0	56.3	2,198	1,985	983	112	101	89
Potatoes	3,277	37.3	3,064	3,064	3,021	93.5	93.5	92.2	63	222	121	41	145	80
Hops	130	100.0	130	130	89	100.0	100.0	68.5	5	4	2	77	62	45
Mint	11,960	92.7	11,910	8,278	4,672	99.6	69.2	39.1	717	282	151	120	68	65
Nursery and greenhouse	3,863	75.1	3,800	3,800	2,280	98.4	98.4	59.0	76	190	57	40	100	50
Small fruits	2,218	19.4	2,000	2,000	1,422	90.2	90.2	64.1	20	100	32	20	100	45
Tree fruits	40,837	32.9	32,149	2,584	2,366	78.7	6.3	5.8	1,450	81	74	90	63	63
Miscellaneous (unspecified)	27,060	8.4	24,793	24,500	24,100	91.6	90.5	89.1	623	187	120	50	15	10
Intertilled crops	141,396	23.7	129,564	92,713	62,591	91.6	65.6	44.3	5,634	3,315	1,609	87	72	51
Wheat	1,521	1.5	1,521	695	28	100.0	45.7	1.8	27	10	---	36	29	21
Oats	1,470	1.1	496	263	---	33.7	17.9	---	5	2	---	20	15	---
Barley	4,908	2.9	1,948	745	26	39.7	15.2	.5	28	18	---	29	48	20
Safflower	46	100.0	5	---	---	10.9	---	---	---	---	---	80	---	---
Wild hay	385	2.0	150	150	150	39.0	39.0	39.0	2	1	1	27	13	13
Close-growing crops	8,330	1.9	4,120	1,853	204	49.5	22.2	2.4	62	31	1	30	33	15
Tame hay and cropland pasture	103,326	6.5	67,989	57,333	27,747	65.8	55.5	26.9	1,616	1,719	770	48	60	62
Improved permanent pasture	147,134	81.1	29,467	33,619	17,612	20.0	22.8	12.0	799	1,043	399	54	62	45
Hay and pasture	250,460	14.1	97,456	90,952	45,359	38.9	36.3	18.1	2,415	2,762	1,169	50	61	52
Total	400,186	14.2	231,140	185,518	108,154	57.8	46.4	27.0	8,111	6,108	2,779	70	66	51

Table 5.--Percentage of harvested acreage of specified crops fertilized, if larger than largest percentage receiving any nutrient as shown in tables 3 and 4, by State parts of subregions, 1959

Subregion and State part		Crops other than hay and pasture																		Hay and pasture				Subregion and State part		Hay and pasture			
		Corn		Sorghum		Soybeans, potatoes 1/		Cotton		Vegetables, rice 2/		All fruits, sugarbeets 3/		Wheat		Oats, dry beans 4/		Barley, wild hay 5/		Hay and cropland pasture		Improved permanent pasture				Hay and cropland pasture		Improved permanent pasture	
		Tot.	Irr.	Tot.	Irr.	Tot.	Irr.	Tot.	Irr.	Tot.	Irr.	Tot.	Irr.	Tot.	Irr.	Tot.	Irr.	Tot.	Irr.	Tot.	Irr.	Tot.	Irr.			Tot.	Irr.	Tot.	Irr.
		Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.			Pct.	Pct.	Pct.	Pct.
31	La.	87	100	31	---	24	100	88	---	---	---	74	---	---	---	---	---	---	---	18	100	63	100	1	N. H.	23	---	71	---
42	Ill.	81	100	60	---	16	---	---	---	---	---	---	---	83	100	9	---	35	---	8	100	13	---	2	N. H.	20	---	100	---
44	Tenn.	---	---	---	---	---	---	---	---	---	---	---	---	73	---	50	---	50	---	9	---	51	---	3	N. J.	27	---	---	---
50	Ind.	82	100	35	---	18	100	---	---	---	---	---	---	77	100	5	---	30	---	6	100	23	---	9	N. J.	30	---	---	---
51	Ill.	60	100	60	---	7	100	---	---	---	---	---	---	83	100	15	---	40	---	11	100	23	---	10	N. J.	39	---	---	---
52	Ill.	86	100	55	---	27	100	---	---	---	---	---	---	63	100	16	---	45	---	9	100	37	---	11	W. Va.	57	---	---	---
57	Ill.	78	100	65	---	22	100	---	---	---	---	---	---	54	100	9	---	40	---	7	100	22	---	15	S. C.	53	---	---	---
58	Ill.	45	100	50	100	6	100	---	---	---	---	---	---	46	---	9	---	40	---	6	100	14	---	16	S. C.	---	---	75	---
59	Ill.	66	100	51	---	6	100	---	---	---	---	---	---	70	100	10	---	40	---	8	100	11	---	19	W. Va.	9	---	---	---
60	Ill.	76	100	45	---	11	100	---	---	---	---	---	---	78	100	9	---	35	---	7	100	11	---	20	Ohio	---	---	28	100
61	Ark.	---	---	25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	---	---	---	21	W. Va.	6	---	---	---
62	Ark.	---	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	---	---	---	21	Ohio	---	---	20	100
62	Okla.	56	100	---	---	---	---	68	---	---	---	---	---	65	---	---	---	24	---	---	---	3	---	22	W. Va.	9	---	---	---
63	Ark.	---	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	---	---	---	22	Ohio	---	---	20	100
64	Ark.	---	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	---	---	---	23	W. Va.	10	---	---	---
64	La.	64	---	17	---	---	---	95	100	86	---	3	---	61	---	---	---	---	---	10	---	19	---	24	Tenn.	19	---	65	---
65	La.	80	100	---	---	20	100	98	---	96	---	15	---	---	---	---	---	---	---	8	100	44	90	26	S. C.	---	---	88	---
66	Ark.	---	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12	---	---	---	27	S. C.	---	---	100	---
66	La.	80	100	50	---	---	---	---	---	---	---	20	---	---	---	---	---	---	---	19	---	39	---	28	S. C.	---	---	100	---
67	Ark.	---	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16	---	---	---	33	S. C.	---	---	79	---
67	Okla.	59	---	29	---	34	---	---	---	96	---	14	---	68	---	43	---	34	---	10	100	---	---	35	Tenn.	19	---	37	---
68	Okla.	48	---	18	100	55	---	35	---	---	---	---	---	76	---	59	---	22	---	12	---	11	---	27	Ohio	---	---	22	100
70	Nebr.	---	---	---	---	13	61	---	---	---	---	---	---	---	---	---	---	4	---	5	50	28	50	38	Ohio	---	---	32	100
72	S. Dak.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14	---	---	---	---	---	---	---	39	Mich.	3	---	31	---
74	N. Dak.	63	---	---	---	---	---	---	---	---	---	---	---	74	---	32	---	75	---	6	---	---	---	39	Ohio	---	---	56	100
75	N. Dak.	24	80	---	---	---	---	---	---	---	---	---	---	38	---	18	---	35	---	2	24	---	---	40	Mich.	---	---	59	100
75	S. Dak.	---	---	---	---	---	---	---	---	---	---	---	---	8	---	6	100	4	---	---	---	---	---	40	Ohio	---	---	59	100
76	Nebr.	---	---	---	---	30	50	---	---	---	---	---	---	---	---	---	---	2	50	4	34	13	28	41	Mich.	---	---	41	---
77	Okla.	35	---	18	95	---	---	---	90	90	---	---	---	37	95	48	---	16	---	11	90	---	---	46	Tenn.	12	---	67	---
78	Okla.	36	100	20	100	66	---	39	100	---	---	8	---	56	100	27	---	27	---	12	100	1	100	49	Tenn.	9	---	59	---
79	Okla.	33	100	27	100	56	100	23	100	28	---	28	---	65	---	28	---	30	---	15	100	2	100	54	Mich.	---	---	46	---
83	Okla.	34	100	21	80	---	---	34	75	---	---	35	---	24	75	12	75	7	---	6	70	9	100	70	S. Dak.	---	86	---	---
85	Okla.	25	---	7	77	---	---	22	100	---	---	---	---	5	95	6	---	1	---	4	92	---	9	85	Texas	5	89	---	---
85	N. Mex.	---	---	---	---	---	---	58	72	---	---	---	---	---	---	---	---	---	---	5	29	---	100	86	Nebr.	4	30	---	17
86	Mont.	---	---	---	---	---	---	---	---	---	---	---	---	22	---	10	---	---	---	4	18	---	---	88	Nebr.	4	16	---	4
86	Nebr.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22	---	---	---	---	88	Wyo.	4	17	---	---
87	Mont.	---	---	---	---	---	---	---	---	---	---	---	---	20	---	---	---	13	---	6	34	---	---	89	Texas	11	68	---	---
87	N. Dak.	7	---	---	---	---	---	---	---	---	---	---	---	41	---	6	---	28	---	1	32	---	---	90	Wyo.	3	7	---	---
88	Mont.	---	---	---	---	---	---	---	---	---	---	---	---	29	---	---	---	21	---	6	21	---	---	90	Wash.	10	31	---	---
88	Nebr.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	6	---	---	---	---	90	Idaho	4	13	---	---
89	N. Mex.	16	17	---	---	---	---	86	86	---	---	---	---	---	---	---	---	---	---	25	77	---	---	91	Oregon	13	50	4	---
90	N. Mex.	24	31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9	34	---	---	91	Wash.	11	40	---	---
90	Mont.	---	---	---	---	---	---	---	---	---	---	---	---	30	---	---	---	21	---	7	17	---	---	92	Wash.	---	---	26	26
95	Calif.	22	30	71	82	84	84	---	---	74	78	---	---	60	95	64	66	68	87	9	43	8	59	94	Idaho	19	29	7	7
96	Calif.	97	97	97	100	99	100	100	100	99	100	92	95	18	45	30	86	73	92	26	70	35	50	95	Oregon	11	---	6	---
97	Calif.	93	96	71	75	98	98	99	99	71	71	96	87	59	78	78	81	70	95	14	43	9	7	99	Oregon	23	---	32	---
98	Calif.	70	79	76	89	98	94	93	93	76	75	100	100	15	32	23	36	15	38	8	64	18	17						
99	Calif.	48	78	31	81	17	26	---	---	---	---	---	---	62	100	58	---	56	100	8	81	27	19						

1/ Potatoes for ASR 95, 96, 97, 98, and 99 in California; soybeans in all others.
2/ Rice for ASR 64 and 65 in Louisiana; vegetables in all others.
3/ Sugarbeets for ASR 97 and 98 in California; fruits in all others.
4/ Dry beans for ASR 76, 86, 88 in Nebraska and ASR 85, 89 and 90 in New Mexico; oats in all others.
5/ Wild hay for ASR 70, 76, 86, and 88 in Nebraska; barley in all others.

Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959

Item	ASR-1						ASR-2					
	Maine		New Hampshire		Vermont		Connecticut		Maine		Massachusetts	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	6.64	4.56	3.92	3.29	19.06	18.37	20.08	20.74	3.14	3.08	23.11	23.00
Percentage fertilized---percent	90.9	82.7	80.7	85.0	72.5	83.1	79.4	94.8	89.2	88.1	87.4	98.5
N per acre---pound	38	53	32	46	22	37	22	39	31	51	22	52
Available P_2O_5 per acre---pound	80	113	68	97	54	68	83	50	73	107	83	65
K_2O per acre---pound	69	90	52	68	40	64	43	50	62	102	43	65
Oats:												
Acreage fertilized---1,000 acres	25.57	19.33	.87	.16	5.51	2.14	---	.34	.79	.94	---	1.00
Percentage fertilized---percent	35.0	38.1	81.0	36.7	77.7	75.0	---	100.0	58.8	88.8	---	92.5
N per acre---pound	59	17	11	38	14	24	---	30	28	28	---	60
Available P_2O_5 per acre---pound	6	32	28	75	34	49	---	---	18	41	---	80
K_2O per acre---pound	6	32	23	75	28	49	---	---	18	41	---	80
Wheat:												
Acreage fertilized---1,000 acres	---	.12	---	---	---	.01	---	.23	---	.01	---	.30
Percentage fertilized---percent	---	34.4	---	---	---	90.9	---	100.0	---	66.7	---	84.5
N per acre---pound	---	17	---	---	---	---	---	34	---	---	---	67
Available P_2O_5 per acre---pound	---	52	---	---	---	---	---	---	---	---	---	100
K_2O per acre---pound	---	34	---	---	---	---	---	---	---	---	---	100
Tobacco:												
Acreage fertilized---1,000 acres	---	---	---	---	---	---	14.29	9.15	---	---	6.16	3.23
Percentage fertilized---percent	---	---	---	---	---	---	98.8	100.0	---	---	100.0	100.0
N per acre---pound	---	---	---	---	---	---	248	258	---	---	211	192
Available P_2O_5 per acre---pound	---	---	---	---	---	---	154	129	---	---	106	99
K_2O per acre---pound	---	---	---	---	---	---	211	206	---	---	203	192
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	47.77	48.95	27.38	27.42	70.91	104.43	52.04	64.4	19.03	27.74	85.82	91.86
Percentage fertilized---percent	9.4	12.3	16.9	22.9	14.3	24.5	22.8	35.8	7.9	12.4	22.5	29.3
N per acre---pound	22	55	23	41	8	11	23	16	23	56	26	37
Available P_2O_5 per acre---pound	70	77	45	60	58	56	90	52	82	76	25	63
K_2O per acre---pound	65	60	40	55	53	38	97	78	77	81	48	56

Item	ASR-2				ASR-3						ASR-4	
	New Hampshire		Rhode Island		Connecticut		New Jersey		New York		New York	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	5.13	5.40	4.15	3.65	6.20	7.26	92.93	54.78	92.23	88.36	37.82	33.64
Percentage fertilized---percent	85.6	92.3	70.1	80.2	79.4	94.7	90.8	80.0	81.8	84.6	64.2	73.1
N per acre---pound	23	44	40	39	22	39	52	59	30	38	28	35
Available P_2O_5 per acre---pound	61	91	81	79	83	50	52	62	58	51	55	50
K_2O per acre---pound	45	64	81	79	43	50	52	49	35	34	34	43
Oats:												
Acreage fertilized---1,000 acres	.21	.21	.15	.09	---	.71	16.44	4.37	---	27.13	---	43.84
Percentage fertilized---percent	50.8	88.2	100.0	100.0	---	100.0	65.8	30.7	---	60.0	---	49.0
N per acre---pound	19	29	21	22	---	31	26	25	---	22	---	22
Available P_2O_5 per acre---pound	29	57	41	43	---	---	51	50	---	51	---	46
K_2O per acre---pound	19	57	41	43	---	---	51	54	---	44	---	42
Wheat:												
Acreage fertilized---1,000 acres	---	---	---	.06	---	.03	38.37	26.97	13.23	4.62	2.48	1.16
Percentage fertilized---percent	---	60	---	100.0	---	100.0	89.1	87.0	73.0	70.2	34.4	72.2
N per acre---pound	---	---	---	33	---	30	25	26	28	24	23	26
Available P_2O_5 per acre---pound	---	---	---	67	---	---	50	53	36	47	40	41
K_2O per acre---pound	---	---	---	67	---	---	50	49	35	39	29	41
Tobacco:												
Acreage fertilized---1,000 acres	---	---	---	---	.04	---	---	---	---	---	---	---
Percentage fertilized---percent	---	---	---	---	100.0	---	---	---	---	---	---	---
N per acre---pound	---	---	---	---	246	---	---	---	---	---	---	---
Available P_2O_5 per acre---pound	---	---	---	---	153	---	---	---	---	---	---	---
K_2O per acre---pound	---	---	---	---	209	---	---	---	---	---	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	18.99	26.85	30.00	21.00	22.95	26.60	63.91	50.51	70.58	82.38	32.76	31.66
Percentage fertilized---percent	13.3	20.1	70.8	60.3	22.8	35.8	25.7	27.4	8.2	10.6	3.8	3.9
N per acre---pound	21	27	15	25	23	16	11	31	26	21	22	14
Available P_2O_5 per acre---pound	41	45	37	50	90	52	79	92	62	69	63	60
K_2O per acre---pound	38	43	37	50	97	78	73	123	40	56	39	49

Item	ASR-4		ASR-5		ASR-6		ASR-7				ASR-8	
	Vermont		New York		New York		New York		Pennsylvania		Pennsylvania	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	22.92	21.18	140.93	141.97	223.97	196.66	122.48	113.58	58.10	53.97	271.93	247.89
Percentage fertilized---percent	72.6	86.1	83.8	92.8	96.4	99.0	86.3	93.0	89.7	89.7	88.4	92.4
N per acre---pound	22	33	29	30	28	36	26	52	14	57	15	39
Available P_2O_5 per acre---pound	54	71	55	43	56	51	54	51	35	69	35	42
K_2O per acre---pound	40	62	35	31	34	40	31	39	20	64	25	37
Oats:												
Acreage fertilized---1,000 acres	5.13	10.31	---	103.27	---	145.73	---	122.03	42.52	45.33	181.04	141.14
Percentage fertilized---percent	77.7	75.7	---	75.0	---	81.0	---	76.0	78.0	72.0	75.9	72.0
N per acre---pound	14	16	---	18	---	20	---	22	8	10	9	11
Available P_2O_5 per acre---pound	35	37	---	40	---	38	---	43	21	19	24	23
K_2O per acre---pound	28	35	---	35	---	33	---	35	16	19	17	23

Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-4		ASR-5		ASR-6		ASR-7				ASR-8	
	Vermont		New York		New York		New York		Pennsylvania		Pennsylvania	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Wheat:												
Acreage fertilized---1,000 acres	---	0.69	41.31	28.94	199.20	165.16	41.28	25.09	7.48	4.27	159.81	131.83
Percentage fertilized---percent	---	90.0	89.2	91.4	91.8	95.3	86.7	87.1	83.4	97.3	88.5	92.7
N per acre---pound	---	14	20	18	21	21	21	22	11	18	11	13
Available P_2O_5 per acre---pound	---	35	33	40	37	39	36	40	33	36	33	26
K_2O per acre---pound	---	29	25	35	29	35	27	23	24	36	25	27
Tobacco:												
Acreage fertilized---1,000 acres	---	---	---	---	---	---	---	---	.01	---	.16	.21
Percentage fertilized---percent	---	---	---	---	---	---	---	---	100.0	---	100.0	100.0
N per acre---pound	---	---	---	---	---	---	---	---	109	---	42	38
Available P_2O_5 per acre---pound	---	---	---	---	---	---	---	---	109	---	67	67
K_2O per acre---pound	---	---	---	---	---	---	---	---	236	---	108	105
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	59.68	104.29	42.28	64.17	48.83	60.67	90.58	115.08	33.09	49.32	92.35	136.27
Percentage fertilized---percent	14.3	23.5	5.9	8.5	6.1	8.8	7.0	9.4	7.7	10.2	13.0	21.2
N per acre---pound	8	14	25	12	22	16	23	19	9	6	10	9
Available P_2O_5 per acre---pound	58	58	60	60	59	61	58	62	60	45	64	60
K_2O per acre---pound	53	40	36	36	34	45	33	38	60	45	64	60

Item	ASR-9						ASR-10					
	Maryland		New Jersey		Pennsylvania		Delaware		Maryland		New Jersey	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	121.74	114.01	13.97	16.00	536.37	534.59	149.32	134.78	251.66	244.68	64.53	52.04
Percentage fertilized---percent	95.0	94.3	87.0	93.7	89.1	93.3	88.2	91.2	95.0	94.7	89.8	93.7
N per acre---pound	20	20	45	40	15	37	42	43	10	26	61	55
Available P_2O_5 per acre---pound	40	34	45	30	35	38	49	51	21	43	61	55
K_2O per acre---pound	36	34	45	25	25	34	49	52	19	43	61	49
Oats:												
Acreage fertilized---1,000 acres	28.35	24.10	4.10	5.15	133.80	98.40	8.91	5.48	21.96	11.24	.74	.46
Percentage fertilized---percent	90.0	100.0	65.0	80.0	80.0	72.0	90.0	90.0	95.0	87.1	26.5	30.0
N per acre---pound	15	21	25	25	8	34	28	28	17	20	24	26
Available P_2O_5 per acre---pound	30	36	51	50	24	68	39	40	35	35	49	53
K_2O per acre---pound	15	26	51	40	16	68	39	40	17	25	49	48
Wheat:												
Acreage fertilized---1,000 acres	70.71	54.13	1.99	2.67	273.46	251.13	29.70	21.66	73.96	60.65	5.92	6.94
Percentage fertilized---percent	95.0	100.0	82.8	100.0	88.7	95.3	90.2	90.4	95.0	87.1	59.2	77.9
N per acre---pound	18	21	24	15	12	14	35	38	17	20	32	24
Available P_2O_5 per acre---pound	35	36	48	25	36	27	50	55	35	35	64	49
K_2O per acre---pound	18	26	48	20	28	27	50	59	17	25	64	47
Tobacco:												
Acreage fertilized---1,000 acres	.08	.05	---	---	28.49	30.11	---	---	.01	.01	---	---
Percentage fertilized---percent	100.0	100.0	---	---	100.0	100.0	---	---	100.0	100.0	---	---
N per acre---pound	43	50	---	---	33	16	---	---	36	47	---	---
Available P_2O_5 per acre---pound	84	90	---	---	66	32	---	---	82	90	---	---
K_2O per acre---pound	124	160	---	---	98	48	---	---	118	133	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	116.13	70.95	12.81	13.86	171.28	242.48	31.34	30.31	114.03	41.29	35.20	37.34
Percentage fertilized---percent	40.0	24.4	24.6	30.3	20.8	29.1	26.3	36.4	50.0	22.6	31.8	39.3
N per acre---pound	8	13	11	14	9	10	12	13	9	14	14	21
Available P_2O_5 per acre---pound	33	44	75	42	65	69	57	60	36	48	84	64
K_2O per acre---pound	28	44	72	56	65	69	57	88	30	48	77	85

Item	ASR-10		ASR-11				ASR-12					
	Virginia		Virginia		West Virginia		District of Columbia		Maryland		Virginia	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	127.27	135.01	79.98	70.48	54.64	39.02	---	---	89.73	69.46	103.16	87.90
Percentage fertilized---percent	88.8	96.1	80.6	78.1	73.9	70.0	---	---	95.0	94.3	90.5	94.8
N per acre---pound	68	56	30	33	24	29	---	---	18	25	39	41
Available P_2O_5 per acre---pound	40	63	60	53	45	49	---	---	37	42	57	72
K_2O per acre---pound	55	63	51	52	31	42	---	---	33	42	41	67
Oats:												
Acreage fertilized---1,000 acres	---	14.95	---	8.22	17.15	10.74	---	---	6.83	6.31	---	17.90
Percentage fertilized---percent	---	80.0	---	50.0	95.0	72.5	---	---	90.0	92.8	---	75.0
N per acre---pound	---	48	---	31	12	19	---	---	15	22	---	22
Available P_2O_5 per acre---pound	---	76	---	75	55	53	---	---	30	39	---	51
K_2O per acre---pound	---	75	---	68	24	35	---	---	15	27	---	47
Wheat:												
Acreage fertilized---1,000 acres	---	49.66	---	29.78	28.38	16.13	---	---	27.48	22.71	---	22.85
Percentage fertilized---percent	---	92.8	---	85.8	86.8	90.2	---	---	92.2	92.8	---	96.9
N per acre---pound	---	30	---	24	14	21	---	---	16	22	---	29
Available P_2O_5 per acre---pound	---	44	---	60	44	48	---	---	32	39	---	62
K_2O per acre---pound	---	54	---	59	20	33	---	---	16	27	---	59

Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-10		ASR-11				ASR-12					
	Virginia		Virginia		West Virginia		District of Columbia		Maryland		Virginia	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Cotton:												
Acreage fertilized---1,000 acres	---	---	---	---	---	---	---	---	---	---	---	---
Percentage fertilized---percent	---	100.0	---	---	---	---	---	---	---	---	---	---
N per acre---pound	---	40	---	---	---	---	---	---	---	---	---	---
Available P_2O_5 per acre---pound	---	80	---	---	---	---	---	---	---	---	---	---
K_2O per acre---pound	---	160	---	---	---	---	---	---	---	---	---	---
Tobacco:												
Acreage fertilized---1,000 acres	0.92	.58	0.13	0.10	0.03	0.02	---	---	47.54	39.35	---	0.10
Percentage fertilized---percent	93.8	60.0	101.5	100.0	93.5	59.3	---	---	100.0	99.5	87.5	90.9
N per acre---pound	38	138	42	143	73	88	---	---	42	44	28	100
Available P_2O_5 per acre---pound	109	243	121	184	139	125	---	---	83	96	114	120
K_2O per acre---pound	92	372	97	224	106	125	---	---	125	152	86	300
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	46.76	41.06	103.62	109.28	33.76	49.58	---	---	90.73	38.80	103.86	92.03
Percentage fertilized---percent	33.5	37.6	18.3	21.4	10.3	14.1	---	---	40.0	24.0	20.5	19.1
N per acre---pound	3	12	5	6	12	10	---	---	8	16	5	7
Available P_2O_5 per acre---pound	30	94	54	92	62	72	---	---	32	54	49	81
K_2O per acre---pound	36	68	65	106	45	54	---	---	26	54	58	73

Item	ASR-13		ASR-14				ASR-15					
	Virginia		North Carolina		Virginia		Georgia		North Carolina		South Carolina	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	103.20	94.97	237.46	207.34	154.02	122.35	106.56	105.80	382.79	383.37	118.13	92.26
Percentage fertilized---percent	86.1	94.5	97.6	97.2	98.0	100.0	95.5	96.9	98.6	94.3	93.2	91.6
N per acre---pound	40	42	72	86	90	60	29	63	51	84	36	74
Available P_2O_5 per acre---pound	43	49	52	40	50	56	26	34	30	35	27	53
K_2O per acre---pound	44	50	64	45	74	73	25	59	28	42	28	57
Oats:												
Acreage fertilized---1,000 acres	---	13.64	4.93	4.74	---	2.54	2.01	1.05	19.08	22.56	9.35	6.53
Percentage fertilized---percent	---	70.0	73.4	98.0	---	60.0	53.7	77.9	73.2	98.0	75.0	70.4
N per acre---pound	---	48	40	40	---	22	37	52	40	40	28	66
Available P_2O_5 per acre---pound	---	83	30	19	---	39	38	44	30	18	12	40
K_2O per acre---pound	---	80	20	22	---	38	35	48	20	18	40	59
Wheat:												
Acreage fertilized---1,000 acres	---	51.69	2.99	9.02	---	6.24	.02	.07	5.11	19.56	.73	1.15
Percentage fertilized---percent	---	91.9	58.2	98.0	---	90.7	67.8	52.1	73.9	98.0	90.1	87.6
N per acre---pound	---	26	40	40	---	22	---	55	40	40	33	59
Available P_2O_5 per acre---pound	---	37	30	18	---	44	---	55	30	15	14	36
K_2O per acre---pound	---	35	19	22	---	47	---	55	20	15	14	66
Cotton:												
Acreage fertilized---1,000 acres	---	.19	69.17	59.69	---	10.35	8.80	5.68	18.05	11.66	35.71	20.36
Percentage fertilized---percent	---	95.1	100.0	100.0	---	90.0	104.9	97.2	100.0	100.0	97.5	94.6
N per acre---pound	---	41	40	48	---	40	43	26	22	29	36	48
Available P_2O_5 per acre---pound	---	93	52	45	---	80	53	46	26	27	45	84
K_2O per acre---pound	---	93	53	55	---	80	61	88	32	43	28	76
Tobacco:												
Acreage fertilized---1,000 acres	19.71	15.22	37.04	24.44	2.24	1.42	8.64	8.17	110.39	73.28	6.15	3.79
Percentage fertilized---percent	90.7	97.1	98.0	100.0	100.1	100.0	71.2	100.0	99.9	100.0	100.0	100.0
N per acre---pound	40	50	60	50	40	141	57	49	54	60	62	93
Available P_2O_5 per acre---pound	117	127	114	126	115	218	165	176	102	153	124	197
K_2O per acre---pound	98	136	100	150	109	267	183	153	82	180	125	219
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	83.25	85.70	19.99	19.23	21.44	17.91	19.67	27.24	34.85	27.46	36.26	21.15
Percentage fertilized---percent	25.1	25.6	36.4	40.3	50.4	48.2	40.7	46.5	46.0	32.5	41.2	31.2
N per acre---pound	4	8	4	2	2	28	16	55	4	2	53	69
Available P_2O_5 per acre---pound	40	79	48	48	20	65	37	54	48	48	36	66
K_2O per acre---pound	48	74	50	57	24	158	30	58	50	57	46	52

Item	ASR-16				ASR-17		ASR-18				ASR-19	
	North Carolina		South Carolina		North Carolina		Virginia		North Carolina		Maryland	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	150.40	131.14	240.77	199.58	676.87	613.33	128.20	105.25	193.97	150.36	9.14	8.06
Percentage fertilized---percent	97.0	96.4	98.4	95.0	98.2	97.2	96.5	94.2	99.0	96.6	85.0	89.9
N per acre---pound	56	83	36	62	64	88	43	38	30	80	15	22
Available P_2O_5 per acre---pound	31	34	27	42	35	42	43	41	30	30	30	37
K_2O per acre---pound	29	42	28	46	31	49	43	42	21	37	27	37
Oats:												
Acreage fertilized---1,000 acres	27.21	24.02	67.99	20.07	36.29	33.87	---	7.81	45.21	40.58	9.02	7.98
Percentage fertilized---percent	80.0	98.0	75.0	58.2	80.0	98.0	---	70.0	90.0	95.5	90.0	89.4
N per acre---pound	48	40	28	55	40	40	---	42	40	30	15	17
Available P_2O_5 per acre---pound	38	20	12	31	30	15	---	60	30	18	30	29
K_2O per acre---pound	35	23	40	48	20	18	---	79	22	22	15	21
Wheat:												
Acreage fertilized---1,000 acres	18.29	24.78	15.91	5.99	26.79	76.37	---	64.06	57.64	79.77	3.47	1.85
Percentage fertilized---percent	80.0	98.0	90.0	75.0	80.0	98.0	---	95.4	90.0	95.0	90.0	89.4
N per acre---pound	47	40	32	51	40	40	---	34	30	30	15	17
Available P_2O_5 per acre---pound	37	20	13	29	30	15	---	33	40	18	30	30
K_2O per acre---pound	34	23	14	54	20	18	---	33	20	22	15	21

Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-16				ASR-17		ASR-18				ASR-19	
	North Carolina		South Carolina		North Carolina		Virginia		North Carolina		Maryland	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Cotton:												
Acreage fertilized---1,000 acres	98.98	85.42	113.49	95.12	187.78	135.26	---	1.72	4.06	3.41	---	---
Percentage fertilized---percent	100.0	100.0	99.4	96.5	100.0	100.0	---	50.0	100.0	100.0	---	---
N per acre---pound	31	32	36	40	32	45	---	38	28	28	---	---
Available P_2O_5 per acre---pound	19	48	45	67	48	43	---	77	48	36	---	---
K_2O per acre---pound	20	53	28	62	49	46	---	79	40	49	---	---
Tobacco:												
Acreage fertilized---1,000 acres	52.48	34.01	37.10	56.86	288.16	196.31	85.31	58.27	145.80	100.33	---	---
Percentage fertilized---percent	97.3	100.0	100.0	100.0	99.0	100.0	99.6	98.7	100.0	100.0	---	---
N per acre---pound	54	65	62	78	54	60	38	52	49	45	---	---
Available P_2O_5 per acre---pound	112	162	124	157	113	153	119	126	111	126	---	---
K_2O per acre---pound	98	196	125	177	89	177	100	144	94	144	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	34.35	15.77	50.85	23.55	78.68	47.04	80.06	67.17	90.42	84.08	16.51	7.83
Percentage fertilized---percent	39.8	30.5	43.5	33.4	41.3	32.4	24.9	25.7	32.0	36.8	25.0	12.9
N per acre---pound	4	2	53	58	18	2	4	7	4	2	6	11
Available P_2O_5 per acre---pound	46	48	36	52	46	48	40	66	45	53	24	38
K_2O per acre---pound	48	57	46	52	47	57	48	63	51	63	20	38

Item	ASR-19				ASR-20				ASR-21			
	Pennsylvania		West Virginia		Ohio		Pennsylvania		Ohio		West Virginia	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	136.22	105.42	9.66	5.14	469.22	382.36	137.56	107.38	360.34	307.39	10.49	5.91
Percentage fertilized---percent	87.2	88.9	52.1	66.6	93.8	95.5	94.8	94.5	94.2	95.7	57.0	56.1
N per acre---pound	15	42	25	38	12	26	15	40	14	25	23	25
Available P_2O_5 per acre---pound	34	45	43	54	41	56	34	42	39	54	40	44
K_2O per acre---pound	24	40	31	42	40	51	24	38	38	45	30	35
Oats:												
Acreage fertilized---1,000 acres	109.17	94.57	3.57	2.87	195.77	171.52	100.72	74.56	86.41	71.17	.58	.99
Percentage fertilized---percent	73.8	72.0	84.9	67.2	83.3	80.6	84.0	72.0	77.9	75.3	27.2	37.8
N per acre---pound	10	8	14	20	16	14	10	9	14	14	10	18
Available P_2O_5 per acre---pound	24	15	65	54	30	33	24	19	32	33	52	54
K_2O per acre---pound	16	15	33	35	31	30	16	19	32	30	24	34
Wheat:												
Acreage fertilized---1,000 acres	66.57	41.10	2.85	1.00	269.23	203.07	69.27	40.14	184.48	116.75	2.06	.74
Percentage fertilized---percent	81.8	85.0	106.7	87.2	89.8	95.9	89.4	94.4	91.0	97.2	55.1	66.1
N per acre---pound	12	18	16	24	16	20	12	18	21	19	14	22
Available P_2O_5 per acre---pound	33	37	38	56	35	37	34	36	35	36	40	49
K_2O per acre---pound	25	37	26	36	33	35	25	36	35	32	29	30
Tobacco:												
Acreage fertilized---1,000 acres	---	---	.03	---	---	---	---	---	---	---	.47	---
Percentage fertilized---percent	---	---	85.7	---	---	---	---	---	---	---	67.0	57.1
N per acre---pound	---	---	73	---	---	---	---	---	---	---	72	75
Available P_2O_5 per acre---pound	---	---	147	---	---	---	---	---	---	---	142	250
K_2O per acre---pound	---	---	100	---	---	---	---	---	---	---	104	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	61.88	64.63	15.01	17.93	83.34	58.17	31.11	46.35	57.22	39.79	9.50	6.87
Percentage fertilized---percent	8.3	10.0	7.5	9.0	11.4	9.5	7.5	11.7	9.8	6.4	6.8	6.4
N per acre---pound	10	8	11	20	4	5	9	11	4	4	14	11
Available P_2O_5 per acre---pound	63	57	63	66	70	65	62	76	54	58	50	68
K_2O per acre---pound	63	57	59	53	30	69	62	76	32	55	40	49

Item	ASR-22				ASR-23							
	Ohio		West Virginia		Kentucky		Tennessee		Virginia		West Virginia	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	139.07	117.31	32.06	21.13	95.28	83.30	45.43	39.06	19.84	14.06	10.90	3.86
Percentage fertilized---percent	91.0	87.0	54.3	57.2	52.7	64.8	90.5	82.4	74.4	82.0	57.0	47.8
N per acre---pound	18	28	23	28	21	25	21	32	28	52	22	27
Available P_2O_5 per acre---pound	43	65	41	44	43	44	33	43	54	86	41	45
K_2O per acre---pound	43	48	29	37	37	23	24	43	48	83	27	36
Oats:												
Acreage fertilized---1,000 acres	28.33	16.78	3.94	1.32	---	---	2.65	2.10	---	.83	1.46	.80
Percentage fertilized---percent	83.0	89.8	57.2	62.9	---	---	50.9	49.9	---	50.0	82.5	73.4
N per acre---pound	13	14	13	15	---	---	47	27	---	36	12	20
Available P_2O_5 per acre---pound	34	33	59	30	---	---	37	31	---	101	53	53
K_2O per acre---pound	34	31	27	24	---	---	12	31	---	67	19	33
Wheat:												
Acreage fertilized---1,000 acres	34.55	14.77	3.33	1.78	---	.49	2.10	2.00	---	2.08	.56	.21
Percentage fertilized---percent	89.0	90.1	75.6	87.0	---	63.6	53.9	80.0	---	100.0	105.9	63.6
N per acre---pound	30	15	16	22	---	29	47	33	---	30	14	28
Available P_2O_5 per acre---pound	36	35	40	51	---	61	36	35	---	74	43	56
K_2O per acre---pound	36	23	26	25	---	41	12	35	---	64	22	28

Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-22				ASR-23							
	Ohio		West Virginia		Kentucky		Tennessee		Virginia		West Virginia	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Cotton:												
Acreage fertilized---1,000 acres	---	---	---	---	---	---	0.40	0.24	---	---	---	---
Percentage fertilized---percent	---	---	---	---	---	---	88.1	94.5	---	---	---	---
N per acre---pound	---	---	---	---	---	---	35	47	---	---	---	---
Available P_2O_5 per acre---pound	---	---	---	---	---	---	40	43	---	---	---	---
K_2O per acre---pound	---	---	---	---	---	---	60	44	---	---	---	---
Tobacco:												
Acreage fertilized---1,000 acres	0.91	1.76	1.24	1.68	22.22	18.95	.49	.43	0.34	2.10	0.46	0.08
Percentage fertilized---percent	100.0	100.0	77.8	89.9	93.6	100.0	100.0	99.1	78.6	100.0	96.8	85.3
N per acre---pound	84	70	72	90	95	126	65	88	60	127	72	74
Available P_2O_5 per acre---pound	150	140	142	153	189	217	138	177	144	194	142	148
K_2O per acre---pound	225	209	104	141	165	263	171	205	123	268	104	123
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	41.98	29.35	32.54	33.07	53.99	47.55	32.17	43.62	10.96	12.74	5.33	8.99
Percentage fertilized---percent	8.6	8.5	6.9	8.9	7.8	8.5	19.0	24.8	14.0	16.5	6.3	9.8
N per acre---pound	4	4	11	17	21	17	11	21	7	11	8	13
Available P_2O_5 per acre---pound	61	76	59	68	42	83	41	44	72	78	63	59
K_2O per acre---pound	41	61	49	51	37	61	36	38	86	82	41	44

Item	ASR-24				ASR-25				ASR-26			
	Tennessee		Virginia		Georgia		North Carolina		North Carolina		South Carolina	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	210.24	155.12	66.28	43.41	41.53	26.41	108.30	77.92	227.37	169.85	172.05	80.92
Percentage fertilized---percent	85.8	85.1	81.2	82.8	94.4	85.9	85.4	87.0	98.4	94.2	98.9	94.6
N per acre---pound	20	38	32	51	24	27	36	88	26	83	29	45
Available P_2O_5 per acre---pound	29	37	61	58	29	35	37	40	33	34	24	43
K_2O per acre---pound	20	34	53	57	28	37	31	44	30	38	21	40
Oats:												
Acreage fertilized---1,000 acres	33.35	28.80	---	4.68	3.16	.08	9.94	8.52	174.49	135.89	109.84	53.06
Percentage fertilized---percent	54.9	64.8	---	70.0	63.1	25.0	80.0	98.0	85.4	98.0	77.0	75.4
N per acre---pound	27	26	---	36	34	24	21	40	21	40	29	34
Available P_2O_5 per acre---pound	32	38	---	66	27	24	25	35	36	35	18	24
K_2O per acre---pound	11	28	---	66	20	24	20	35	36	35	14	26
Wheat:												
Acreage fertilized---1,000 acres	47.94	38.23	---	8.96	1.36	.18	10.84	9.99	127.22	138.74	58.55	56.62
Percentage fertilized---percent	75.1	87.5	---	90.9	63.2	24.4	80.0	98.0	86.3	98.0	90.0	90.0
N per acre---pound	27	24	---	24	26	22	21	40	21	40	32	34
Available P_2O_5 per acre---pound	32	36	---	48	24	22	25	35	36	35	13	24
K_2O per acre---pound	11	24	---	48	19	33	20	35	36	35	14	26
Cotton:												
Acreage fertilized---1,000 acres	3.41	1.43	---	---	4.79	.50	1.02	.42	143.04	83.98	171.75	89.64
Percentage fertilized---percent	96.9	95.1	---	---	98.5	100.0	100.0	100.0	100.0	100.0	100.4	95.4
N per acre---pound	28	36	---	---	39	28	30	29	33	27	36	41
Available P_2O_5 per acre---pound	37	43	---	---	47	73	49	33	63	45	44	60
K_2O per acre---pound	62	39	---	---	44	73	49	43	54	47	41	53
Tobacco:												
Acreage fertilized---1,000 acres	39.02	30.89	11.63	6.86	.04	.04	16.04	11.50	15.70	10.10	.13	.06
Percentage fertilized---percent	100.0	99.8	104.4	100.0	90.8	100.0	105.7	99.0	96.9	100.0	100.0	100.0
N per acre---pound	61	81	52	116	22	---	43	80	45	45	35	53
Available P_2O_5 per acre---pound	130	170	128	166	88	50	71	144	109	126	60	53
K_2O per acre---pound	132	177	108	237	88	50	85	160	94	144	48	53
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	255.61	234.27	59.75	59.90	9.92	9.44	91.28	108.62	170.46	142.75	155.52	148.70
Percentage fertilized---percent	19.8	18.7	20.6	19.9	43.6	29.8	24.0	31.4	36.4	37.4	34.2	40.6
N per acre---pound	8	23	5	10	31	48	4	2	3	2	53	57
Available P_2O_5 per acre---pound	42	45	48	66	49	67	47	58	42	58	50	48
K_2O per acre---pound	31	47	58	63	37	72	40	69	44	69	44	53

Item	ASR-27				ASR-28				ASR-29			
	Georgia		South Carolina		Georgia		South Carolina		Florida		Georgia	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	114.29	97.26	110.18	82.98	369.58	376.60	329.18	248.78	249.95	298.40	701.51	705.21
Percentage fertilized---percent	97.4	99.6	98.4	95.4	99.2	98.2	98.4	96.2	69.8	81.6	99.2	100.0
N per acre---pound	24	62	36	60	24	54	36	73	38	24	24	42
Available P_2O_5 per acre---pound	22	47	27	37	22	35	27	40	31	21	22	41
K_2O per acre---pound	21	49	28	46	21	37	28	51	22	18	21	43
Oats:												
Acreage fertilized---1,000 acres	10.89	14.21	33.16	28.08	23.43	32.06	108.70	107.08	18.07	5.40	41.69	13.30
Percentage fertilized---percent	65.3	80.5	75.0	75.0	57.6	83.0	75.0	69.9	100.0	100.0	57.6	77.6
N per acre---pound	40	69	28	54	41	38	28	64	34	24	41	39
Available P_2O_5 per acre---pound	37	37	12	28	40	31	12	29	34	25	40	44
K_2O per acre---pound	36	40	40	48	38	34	40	52	34	22	38	47
Wheat:												
Acreage fertilized---1,000 acres	2.60	2.68	7.76	16.29	3.62	6.33	25.43	42.56	---	3.00	6.44	1.72
Percentage fertilized---percent	86.5	55.0	90.0	90.0	70.1	54.9	90.0	79.9	---	100.0	70.1	58.8
N per acre---pound	42	69	32	50	49	49	32	58	---	24	49	51
Available P_2O_5 per acre---pound	42	40	13	26	41	30	13	27	---	25	41	35
K_2O per acre---pound	40	43	14	54	40	32	14	59	---	21	40	37

Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-27				ASR-28				ASR-29			
	Georgia		South Carolina		Georgia		South Carolina		Florida		Georgia	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Cotton:												
Acreage fertilized---1,000 acres	50.09	31.62	105.18	60.98	174.87	123.48	334.93	238.18	19.42	13.80	136.07	102.56
Percentage fertilized---percent	99.0	96.0	99.4	97.3	100.2	99.4	99.4	98.7	100.3	100.0	100.2	98.6
N per acre---pound	40	65	36	39	41	65	36	46	48	20	41	33
Available P_2O_5 per acre---pound	45	81	45	59	45	56	45	61	72	37	45	47
K_2O per acre---pound	49	84	28	62	53	87	28	68	72	43	53	49
Tobacco:												
Acreage fertilized---1,000 acres	3.08	---	18.09	.95	15.58	2.82	59.32	16.48	14.10	17.20	27.71	45.34
Percentage fertilized---percent	81.4	100.0	100.0	100.0	81.4	100.0	100.0	100.0	100.0	100.0	81.4	100.0
N per acre---pound	45	---	62	76	45	34	62	89	69	78	45	59
Available P_2O_5 per acre---pound	143	---	124	140	143	113	124	143	126	164	143	148
K_2O per acre---pound	158	---	125	178	158	79	125	194	178	194	158	187
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	32.52	35.88	37.03	30.52	80.78	68.92	104.00	70.51	40.06	79.20	97.40	98.03
Percentage fertilized---percent	40.9	48.8	43.5	33.1	42.9	41.0	43.5	40.2	20.2	32.0	42.9	53.6
N per acre---pound	19	41	53	54	17	37	53	66	32	24	17	47
Available P_2O_5 per acre---pound	39	40	36	37	39	27	36	48	32	27	39	44
K_2O per acre---pound	32	43	46	40	32	29	46	57	32	26	32	47

Item	ASR-30		ASR-31								ASR-32	
	Florida		Alabama		Florida		Louisiana		Mississippi		Alabama	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	11.35	15.50	101.27	63.29	112.10	78.80	68.09	36.67	69.75	53.70	612.04	558.99
Percentage fertilized---percent	36.0	57.8	94.2	92.4	78.7	78.3	87.6	87.1	93.9	88.2	94.4	95.4
N per acre---pound	47	21	46	50	41	27	37	46	45	65	36	35
Available P_2O_5 per acre---pound	39	19	44	49	34	28	21	27	22	24	33	32
K_2O per acre---pound	28	17	30	43	34	24	18	20	18	20	22	29
Oats:												
Acreage fertilized---1,000 acres	2.73	.70	---	4.45	11.69	5.20	4.24	2.37	5.57	2.01	---	4.02
Percentage fertilized---percent	100.0	100.0	---	40.0	100.0	100.0	72.7	54.0	100.0	100.0	---	40.0
N per acre---pound	34	23	---	40	34	24	46	60	93	40	---	40
Available P_2O_5 per acre---pound	34	26	---	20	34	25	24	30	46	15	---	20
K_2O per acre---pound	34	20	---	20	34	22	24	30	39	15	---	20
Wheat:												
Acreage fertilized---1,000 acres	---	.20	---	3.82	---	6.60	---	.01	---	.10	---	.71
Percentage fertilized---percent	---	100.0	---	40.0	---	100.0	---	76.9	---	100.0	---	40.0
N per acre---pound	---	20	---	40	---	24	---	61	---	42	---	39
Available P_2O_5 per acre---pound	---	30	---	20	---	25	---	32	---	21	---	20
K_2O per acre---pound	---	20	---	20	---	22	---	32	---	21	---	20
Cotton:												
Acreage fertilized---1,000 acres	.58	---	21.74	10.70	14.15	9.70	16.74	5.88	12.69	4.18	209.66	142.97
Percentage fertilized---percent	206.8	---	96.7	100.0	100.6	100.0	91.6	88.0	102.7	90.6	98.6	98.2
N per acre---pound	111	---	36	64	49	20	59	56	54	60	35	55
Available P_2O_5 per acre---pound	167	---	53	56	73	37	53	34	30	40	52	52
K_2O per acre---pound	167	---	36	56	73	43	40	22	23	40	35	52
Tobacco:												
Acreage fertilized---1,000 acres	1.23	---	---	---	9.82	.60	---	---	---	---	---	---
Percentage fertilized---percent	100.0	---	---	---	100.0	100.0	---	---	---	---	---	---
N per acre---pound	46	---	---	---	67	47	---	---	---	---	---	---
Available P_2O_5 per acre---pound	129	---	---	---	126	170	---	---	---	---	---	---
K_2O per acre---pound	174	---	---	---	178	180	---	---	---	---	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	136.60	203.00	35.44	32.34	43.49	37.20	47.84	48.69	41.52	46.05	68.12	64.13
Percentage fertilized---percent	25.6	30.6	42.9	53.6	21.0	30.7	16.3	17.7	31.4	37.5	26.2	30.9
N per acre---pound	30	28	---	11	33	31	40	51	2	5	---	22
Available P_2O_5 per acre---pound	30	32	28	11	33	35	35	36	30	30	28	21
K_2O per acre---pound	30	31	28	11	33	34	30	33	25	20	28	21

Item	ASR-32		ASR-33						ASR-34			
	Georgia		Alabama		Georgia		South Carolina		Alabama		Georgia	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	858.93	770.17	62.77	66.84	410.16	219.73	58.58	33.50	91.78	147.17	93.85	64.92
Percentage fertilized---percent	97.8	97.2	94.0	95.8	95.4	93.3	98.9	97.3	94.5	99.8	93.6	87.4
N per acre---pound	25	57	39	31	25	48	29	50	48	31	18	26
Available P_2O_5 per acre---pound	23	43	33	30	25	38	24	44	35	31	28	35
K_2O per acre---pound	23	45	20	27	22	43	21	47	22	26	27	37
Oats:												
Acreage fertilized---1,000 acres	105.36	58.64	---	1.52	122.39	43.81	32.62	21.78	---	4.20	6.97	5.60
Percentage fertilized---percent	62.4	83.5	---	50.0	65.3	55.5	77.0	69.6	---	50.0	41.5	55.4
N per acre---pound	43	50	---	40	31	42	29	38	---	40	31	21
Available P_2O_5 per acre---pound	40	41	---	20	25	37	18	24	---	20	20	25
K_2O per acre---pound	40	44	---	20	19	40	14	31	---	20	17	27
Wheat:												
Acreage fertilized---1,000 acres	18.96	11.21	---	.45	45.89	25.59	17.39	13.22	---	1.58	2.67	4.27
Percentage fertilized---percent	78.7	55.1	---	50.1	74.2	54.5	90.0	90.0	---	50.0	34.6	60.8
N per acre---pound	47	43	---	40	31	42	32	38	---	38	43	24
Available P_2O_5 per acre---pound	46	40	---	18	37	33	13	24	---	19	29	30
K_2O per acre---pound	46	43	---	18	35	35	14	31	---	19	24	32

Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-32		ASR-33						ASR-34			
	Georgia		Alabama		Georgia		South Carolina		Alabama		Georgia	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Cotton:												
Acreage fertilized---1,000 acres	272.40	168.51	30.58	29.28	289.94	163.42	45.11	28.95	34.71	62.92	55.97	36.52
Percentage fertilized---percent	99.8	97.8	94.0	100.0	98.5	99.6	100.4	99.1	92.3	98.7	93.8	90.1
N per acre---pound	40	51	39	56	39	33	36	45	43	53	33	26
Available P_2O_5 per acre---pound	45	65	52	56	47	68	44	61	51	53	34	68
K_2O per acre---pound	49	78	35	56	44	70	41	62	35	53	34	70
Tobacco:												
Acreage fertilized---1,000 acres	26.79	12.34	---	---	.03	.04	.04	.03	---	---	---	.02
Percentage fertilized---percent	81.4	100.0	---	---	81.0	100.0	100.0	100.0	---	---	---	100.0
N per acre---pound	45	49	---	---	6	---	37	63	---	---	---	---
Available P_2O_5 per acre---pound	143	177	---	---	85	53	58	63	---	---	---	---
K_2O per acre---pound	158	131	---	---	85	53	47	63	---	---	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	153.19	182.94	29.08	32.70	251.33	232.19	40.35	46.96	33.90	43.99	50.63	41.02
Percentage fertilized---percent	42.0	57.6	26.1	23.9	33.5	33.5	34.2	34.8	26.8	26.3	40.8	34.0
N per acre---pound	18	56	---	22	9	64	53	63	---	20	40	48
Available P_2O_5 per acre---pound	38	54	34	22	38	62	50	49	36	20	56	67
K_2O per acre---pound	31	58	30	22	31	68	44	62	31	20	42	72

Item	ASR-35				ASR-36		ASR-37					
	Kentucky		Tennessee		Kentucky		Indiana		Kentucky		Ohio	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	192.75	171.84	324.60	268.46	187.86	194.18	455.28	455.37	440.35	336.11	221.28	223.71
Percentage fertilized---percent	90.6	91.0	82.1	86.9	59.4	68.6	89.4	94.6	84.8	87.8	88.8	93.2
N per acre---pound	15	36	17	24	21	42	25	34	13	24	14	34
Available P_2O_5 per acre---pound	39	32	26	33	36	42	42	40	32	32	31	55
K_2O per acre---pound	25	15	20	32	44	33	47	43	24	23	32	47
Oats:												
Acreage fertilized---1,000 acres	---	.09	16.85	16.60	---	.08	42.27	39.44	---	.13	13.44	14.30
Percentage fertilized---percent	---	1.1	47.4	75.0	---	.7	51.7	67.8	---	1.2	63.6	57.1
N per acre---pound	---	23	21	29	---	25	24	18	---	31	11	14
Available P_2O_5 per acre---pound	---	46	32	30	---	51	53	30	---	46	31	33
K_2O per acre---pound	---	46	14	24	---	51	57	30	---	46	30	30
Wheat:												
Acreage fertilized---1,000 acres	---	6.33	23.68	20.19	---	9.68	140.62	97.29	---	24.52	94.24	67.04
Percentage fertilized---percent	---	69.4	62.8	82.9	---	41.7	90.1	94.7	---	78.8	91.6	99.1
N per acre---pound	---	29	20	30	---	21	28	32	---	22	16	17
Available P_2O_5 per acre---pound	---	48	32	37	---	23	39	41	---	37	38	36
K_2O per acre---pound	---	32	14	35	---	17	42	43	---	19	38	25
Cotton:												
Acreage fertilized---1,000 acres	---	---	29.80	21.00	---	---	---	---	---	---	---	---
Percentage fertilized---percent	---	---	88.8	95.8	---	---	---	---	---	---	---	---
N per acre---pound	---	---	32	50	---	---	---	---	---	---	---	---
Available P_2O_5 per acre---pound	---	---	44	47	---	---	---	---	---	---	---	---
K_2O per acre---pound	---	---	57	49	---	---	---	---	---	---	---	---
Tobacco:												
Acreage fertilized---1,000 acres	29.84	22.40	15.37	11.26	129.85	100.97	6.83	6.05	34.96	25.06	8.92	6.98
Percentage fertilized---percent	101.2	99.1	99.6	96.2	98.6	99.0	98.8	99.0	95.8	100.0	100.0	100.0
N per acre---pound	75	127	51	64	87	141	146	90	67	136	100	69
Available P_2O_5 per acre---pound	194	230	96	134	142	136	188	180	166	249	200	140
K_2O per acre---pound	124	239	94	135	178	292	204	270	119	190	326	209
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	95.37	102.81	139.12	142.53	138.89	105.87	82.00	69.25	121.93	93.49	25.32	22.56
Percentage fertilized---percent	12.1	14.0	17.6	19.1	6.4	4.4	11.6	10.3	9.0	7.8	6.3	5.8
N per acre---pound	16	15	9	15	20	30	18	13	17	26	4	4
Available P_2O_5 per acre---pound	42	61	41	38	32	50	48	52	40	67	66	63
K_2O per acre---pound	26	46	30	37	40	57	52	58	31	55	38	60

Item	ASR-38				ASR-39						ASR-40	
	Indiana		Ohio		Indiana		Michigan		Ohio		Michigan	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	2,017.78	2,263.15	999.74	1,052.14	1,035.73	1,123.95	377.59	472.29	1,110.32	1,295.74	875.62	957.53
Percentage fertilized---percent	95.2	98.8	96.0	96.5	94.7	94.2	82.2	87.4	92.6	94.3	86.0	91.6
N per acre---pound	20	35	12	34	21	37	14	28	13	32	14	27
Available P_2O_5 per acre---pound	38	43	36	48	34	37	29	39	35	44	27	40
K_2O per acre---pound	42	50	35	37	36	47	29	35	34	37	27	35
Oats:												
Acreage fertilized---1,000 acres	448.68	325.24	190.31	171.44	292.10	167.35	160.56	108.23	278.07	319.17	579.28	408.46
Percentage fertilized---percent	73.1	68.5	74.5	74.2	75.0	67.5	75.1	72.0	69.5	67.1	90.5	89.7
N per acre---pound	12	17	14	14	12	17	8	14	14	14	8	12
Available P_2O_5 per acre---pound	41	28	31	33	35	40	30	38	30	33	28	37
K_2O per acre---pound	44	28	30	30	31	42	30	36	32	30	28	36
Wheat:												
Acreage fertilized---1,000 acres	497.50	488.88	416.82	348.52	260.73	252.37	148.46	177.89	533.28	442.27	566.58	665.77
Percentage fertilized---percent	94.9	97.0	93.3	99.3	90.2	94.7	76.3	93.9	90.6	97.8	88.5	93.9
N per acre---pound	24	30	16	17	24	35	13	18	15	17	11	18
Available P_2O_5 per acre---pound	35	40	34	33	30	39	42	44	36	31	37	44
K_2O per acre---pound	38	42	34	27	28	41	42	43	20	28	37	42

Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-38				ASR-39						ASR-40	
	Indiana		Ohio		Indiana		Michigan		Ohio		Michigan	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Tobacco:												
Acreage fertilized---1,000 acres	0.98	0.17	2.05	3.70	---	---	---	---	1.61	---	---	---
Percentage fertilized---percent	98.3	100.0	100.0	100.0	---	---	---	---	100.0	---	---	---
N per acre---pound	129	93	59	69	---	---	---	---	51	---	---	---
Available P_2O_5 per acre---pound	168	174	107	140	---	---	---	---	99	---	---	---
K_2O per acre---pound	180	267	161	209	---	---	---	---	150	---	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	163.70	89.49	115.48	58.26	120.88	79.78	48.86	32.32	118.15	69.91	188.62	151.11
Percentage fertilized---percent	11.4	7.6	10.6	7.4	14.3	11.9	8.6	7.5	12.6	9.1	10.2	10.4
N per acre---pound	9	11	4	4	1	5	7	15	5	4	6	23
Available P_2O_5 per acre---pound	38	49	52	62	42	51	48	28	45	51	42	45
K_2O per acre---pound	41	56	28	59	30	53	33	25	27	56	29	39

Item	ASR-40		ASR-41		ASR-42						ASR-43	
	Ohio		Michigan		Illinois		Indiana		Kentucky		Kentucky	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	30.63	26.69	224.43	213.84	342.09	318.80	647.83	631.62	169.78	183.31	464.74	390.81
Percentage fertilized---percent	88.8	100.0	79.8	83.1	83.1	81.2	85.1	86.8	83.9	82.1	87.5	88.9
N per acre---pound	14	41	15	29	20	30	24	36	12	25	15	30
Available P_2O_5 per acre---pound	34	57	30	38	16	39	41	46	29	25	31	32
K_2O per acre---pound	33	46	30	37	32	56	46	51	23	19	24	25
Oats:												
Acreage fertilized---1,000 acres	9.43	2.86	126.32	70.71	13.76	.70	26.81	14.85	---	---	---	.97
Percentage fertilized---percent	64.0	44.9	79.3	77.1	42.1	9.0	43.6	53.2	---	---	---	5.0
N per acre---pound	15	14	8	13	8	9	18	15	---	---	---	21
Available P_2O_5 per acre---pound	29	33	31	38	39	66	43	38	---	---	---	41
K_2O per acre---pound	35	30	31	37	48	60	46	38	---	---	---	41
Wheat:												
Acreage fertilized---1,000 acres	14.87	7.11	77.93	92.63	109.84	103.36	194.74	199.41	---	17.30	---	69.57
Percentage fertilized---percent	89.0	100.0	73.1	82.9	92.2	82.5	86.0	89.6	---	79.6	---	96.1
N per acre---pound	16	19	15	18	10	11	27	30	---	17	---	21
Available P_2O_5 per acre---pound	38	31	50	43	50	51	36	40	---	24	---	41
K_2O per acre---pound	6	26	50	43	74	61	38	42	---	15	---	30
Cotton:												
Acreage fertilized---1,000 acres	---	---	---	---	---	---	---	---	---	---	---	6.43
Percentage fertilized---percent	---	---	---	---	---	---	---	---	---	---	---	99.6
N per acre---pound	---	---	---	---	---	---	---	---	---	---	---	25
Available P_2O_5 per acre---pound	---	---	---	---	---	---	---	---	---	---	---	44
K_2O per acre---pound	---	---	---	---	---	---	---	---	---	---	---	43
Tobacco:												
Acreage fertilized---1,000 acres	---	---	---	---	---	---	1.42	.38	7.40	7.76	46.86	35.00
Percentage fertilized---percent	---	---	---	---	---	---	99.4	96.9	90.5	96.4	97.8	100.0
N per acre---pound	---	---	---	---	---	---	144	90	58	87	64	105
Available P_2O_5 per acre---pound	---	---	---	---	---	---	183	180	137	149	137	202
K_2O per acre---pound	---	---	---	---	---	---	199	270	110	153	104	251
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	3.03	1.28	46.91	34.24	12.38	14.20	64.34	36.58	24.32	25.49	120.04	103.91
Percentage fertilized---percent	14.9	21.0	7.2	8.0	4.8	7.9	13.4	9.2	8.0	9.1	11.0	10.0
N per acre---pound	7	5	6	24	10	---	17	17	17	12	18	11
Available P_2O_5 per acre---pound	42	64	47	43	43	26	46	47	40	51	39	67
K_2O per acre---pound	30	67	32	40	150	75	50	53	32	49	29	96

Item	ASR-43		ASR-44		ASR-45		ASR-46					
	Tennessee		Tennessee		Alabama		Alabama		Mississippi		Tennessee	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	100.77	75.22	160.53	123.43	787.86	529.85	268.70	221.08	214.42	163.68	210.85	222.45
Percentage fertilized---percent	88.0	90.4	60.3	64.9	93.7	97.2	94.5	96.1	86.5	87.7	69.3	85.4
N per acre---pound	26	42	31	44	55	35	38	29	45	56	18	31
Available P_2O_5 per acre---pound	27	34	21	21	34	33	33	29	22	42	24	30
K_2O per acre---pound	24	33	19	29	22	30	22	27	18	28	20	29
Oats:												
Acreage fertilized---1,000 acres	9.04	6.10	17.65	14.50	---	14.10	---	5.93	5.01	---	4.64	1.60
Percentage fertilized---percent	50.7	49.5	36.3	50.0	---	60.0	---	50.0	35.6	---	52.7	49.2
N per acre---pound	20	25	24	30	---	40	---	41	83	---	12	11
Available P_2O_5 per acre---pound	29	30	20	15	---	20	---	21	37	---	26	28
K_2O per acre---pound	12	30	8	15	---	20	---	21	31	---	12	28
Wheat:												
Acreage fertilized---1,000 acres	16.03	27.09	25.04	22.43	---	17.55	---	1.31	---	---	4.34	3.89
Percentage fertilized---percent	63.4	96.2	61.8	73.2	---	65.0	---	50.0	---	---	66.1	55.6
N per acre---pound	21	32	24	31	---	43	---	40	---	---	12	24
Available P_2O_5 per acre---pound	30	32	20	16	---	28	---	20	---	---	26	21
K_2O per acre---pound	13	29	8	21	---	28	---	20	---	---	12	21
Cotton:												
Acreage fertilized---1,000 acres	.03	---	28.70	18.50	508.07	312.87	153.49	99.94	180.35	117.03	104.13	71.90
Percentage fertilized---percent	100.0	---	88.8	94.6	99.5	99.6	98.5	94.3	100.0	96.1	83.3	84.3
N per acre---pound	19	---	32	46	39	50	36	50	54	53	38	48
Available P_2O_5 per acre---pound	56	---	42	41	43	50	52	50	30	40	38	50
K_2O per acre---pound	56	---	48	39	28	50	35	50	23	40	38	55

Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-43		ASR-44		ASR-45		ASR-46					
	Tennessee		Tennessee		Alabama		Alabama		Mississippi		Tennessee	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Tobacco:												
Acreage fertilized---1,000 acres	23.87	17.04	11.85	11.58	---	---	---	---	---	---	2.36	1.26
Percentage fertilized---percent	100.0	96.3	73.9	96.2	---	---	---	---	---	---	93.2	73.4
N per acre---pound	49	72	58	72	---	---	---	---	---	---	31	56
Available P_2O_5 per acre---pound	90	140	66	94	---	---	---	---	---	---	51	71
K_2O per acre---pound	84	149	127	128	---	---	---	---	---	---	35	70
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	31.12	41.15	105.56	85.24	153.60	106.53	83.31	71.49	19.14	17.79	41.58	37.15
Percentage fertilized---percent	11.9	14.8	12.4	8.6	25.6	27.6	26.3	28.9	17.1	13.2	11.6	11.5
N per acre---pound	10	29	16	19	---	18	---	21	2	10	8	18
Available P_2O_5 per acre---pound	47	46	22	28	30	18	28	21	30	41	34	42
K_2O per acre---pound	21	39	26	46	29	18	28	21	25	40	38	43

Item	ASR-47				ASR-48				ASR-49			
	Alabama		Mississippi		Alabama		Mississippi		Mississippi		Tennessee	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	180.11	151.54	99.31	84.16	51.25	42.79	639.63	443.39	216.88	180.17	271.48	260.30
Percentage fertilized---percent	82.9	85.9	66.8	80.4	94.4	99.7	92.1	91.5	74.8	85.6	58.9	75.7
N per acre---pound	40	34	45	68	36	30	45	68	45	78	31	44
Available P_2O_5 per acre---pound	36	34	22	28	33	30	22	28	22	24	19	28
K_2O per acre---pound	25	29	18	24	22	30	18	24	18	18	16	28
Oats:												
Acreage fertilized---1,000 acres	---	10.32	7.17	6.00	---	.61	23.72	15.84	21.93	19.34	13.11	3.50
Percentage fertilized---percent	---	50.0	39.5	62.0	---	50.0	53.1	61.3	49.8	71.6	44.2	31.9
N per acre---pound	---	39	69	40	---	39	52	40	58	40	24	27
Available P_2O_5 per acre---pound	---	19	38	15	---	20	37	15	37	15	18	21
K_2O per acre---pound	---	19	31	15	---	20	31	15	31	10	10	15
Wheat:												
Acreage fertilized---1,000 acres	---	.95	---	.75	---	.24	---	.60	---	4.00	7.52	12.60
Percentage fertilized---percent	---	50.0	---	90.8	---	50.1	---	98.2	---	99.1	59.7	61.7
N per acre---pound	---	34	---	51	---	43	---	50	---	50	25	25
Available P_2O_5 per acre---pound	---	17	---	11	---	26	---	10	---	10	18	19
K_2O per acre---pound	---	17	---	11	---	26	---	10	---	10	18	19
Cotton:												
Acreage fertilized---1,000 acres	162.77	118.10	129.94	94.63	14.78	11.26	398.74	210.46	353.51	273.82	348.90	340.00
Percentage fertilized---percent	97.4	99.4	96.2	99.6	98.5	100.0	100.5	97.9	99.6	100.0	79.4	87.0
N per acre---pound	30	47	54	65	35	47	54	65	54	76	47	53
Available P_2O_5 per acre---pound	49	47	30	40	52	47	30	40	30	35	36	42
K_2O per acre---pound	30	47	23	35	35	47	23	40	23	33	41	48
Tobacco:												
Acreage fertilized---1,000 acres	---	---	---	---	---	---	---	---	---	---	.03	.02
Percentage fertilized---percent	---	---	---	---	---	---	---	---	---	---	84.6	35.7
N per acre---pound	---	---	---	---	---	---	---	---	---	---	48	100
Available P_2O_5 per acre---pound	---	---	---	---	---	---	---	---	---	---	48	100
K_2O per acre---pound	---	---	---	---	---	---	---	---	---	---	30	100
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	163.87	124.28	33.29	48.31	10.86	9.13	189.67	200.16	52.88	46.59	61.68	59.09
Percentage fertilized---percent	26.4	23.0	13.7	20.4	26.2	19.9	19.9	20.7	13.0	10.2	9.4	9.3
N per acre---pound	---	20	2	10	---	17	2	10	2	5	14	31
Available P_2O_5 per acre---pound	35	20	30	40	28	17	30	40	30	30	40	36
K_2O per acre---pound	35	20	25	16	28	17	25	30	25	20	26	38

Item	ASR-50		ASR-51		ASR-52						ASR-53	
	Illinois		Illinois		Illinois		Indiana		Wisconsin		Wisconsin	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	649.64	575.62	1,824.53	2,432.27	410.76	498.34	295.40	351.17	92.78	72.69	828.62	1,118.52
Percentage fertilized---percent	76.4	81.5	52.2	59.6	62.2	86.0	96.2	96.6	84.6	88.6	79.4	86.9
N per acre---pound	20	30	30	46	26	12	23	37	15	24	14	17
Available P_2O_5 per acre---pound	19	39	19	39	20	23	38	45	33	43	34	35
K_2O per acre---pound	34	60	23	27	23	20	50	55	33	42	34	35
Oats:												
Acreage fertilized---1,000 acres	42.24	1.33	285.04	124.69	83.53	27.76	77.90	42.20	43.11	18.60	472.92	333.27
Percentage fertilized---percent	46.1	4.8	23.0	14.6	26.9	15.6	90.3	72.6	46.6	52.1	41.9	30.3
N per acre---pound	9	7	13	13	12	3	14	17	2	2	3	1
Available P_2O_5 per acre---pound	41	67	63	65	57	4	40	36	15	31	20	25
K_2O per acre---pound	50	61	77	28	70	21	42	38	27	73	30	60
Wheat:												
Acreage fertilized---1,000 acres	192.21	197.85	333.82	434.93	12.07	22.34	95.13	98.17	---	8.39	---	20.00
Percentage fertilized---percent	84.5	77.1	72.6	83.3	54.0	62.9	93.1	97.5	---	65.0	---	55.8
N per acre---pound	11	11	14	19	15	5	25	32	---	10	---	10
Available P_2O_5 per acre---pound	60	51	54	51	69	73	33	43	---	19	---	20
K_2O per acre---pound	74	65	44	29	61	20	42	44	---	57	---	60
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	42.12	39.24	157.40	111.77	37.25	24.98	42.26	27.85	10.60	5.31	109.71	164.13
Percentage fertilized---percent	5.6	5.8	11.1	10.6	11.0	9.3	18.3	16.8	6.0	7.8	5.4	7.3
N per acre---pound	10	---	16	---	11	---	1	20	12	1	11	---
Available P_2O_5 per acre---pound	58	26	61	26	49	15	44	42	24	37	22	25
K_2O per acre---pound	120	79	62	35	43	26	43	46	47	109	44	76

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Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ACP-4a						ACP-4b		ACP-5d			
	Michigan		Minnesota		Wisconsin		Wisconsin		Michigan		Wisconsin	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	80.45	88.58	24.97	32.39	98.87	45.42	289.31	337.96	536.80	876.16	491.95	550.53
Percentage fertilized---percent	71.7	78.3	55.6	68.7	68.8	85.6	77.1	87.2	46.9	63.0	83.1	86.1
N per acre---pound	15	21	14	11	9	16	8	16	14	41	9	16
Available P_2O_5 per acre---pound	29	36	24	28	32	39	30	35	25	28	28	34
K_2O per acre---pound	29	33	19	28	32	39	30	34	20	22	28	33
Oats:												
Acreage fertilized---1,000 acres	128.85	108.45	24.61	10.15	113.71	43.41	262.36	222.40	71.01	19.57	222.10	137.38
Percentage fertilized---percent	65.2	69.9	17.2	9.0	49.9	41.8	54.8	49.9	8.0	2.8	40.0	28.3
N per acre---pound	9	11	11	10	6	3	4	4	11	6	3	2
Available P_2O_5 per acre---pound	32	34	33	10	38	33	27	32	35	24	20	32
K_2O per acre---pound	32	34	17	10	44	74	37	74	18	12	28	74
Wheat:												
Acreage fertilized---1,000 acres	35.39	52.15	4.33	7.48	---	.20	---	1.00	1.29	4.64	---	3.00
Percentage fertilized---percent	62.8	80.2	33.0	50.5	---	26.2	---	32.2	5.3	10.0	---	52.7
N per acre---pound	15	18	6	12	---	10	---	10	9	10	---	10
Available P_2O_5 per acre---pound	49	44	13	36	---	20	---	20	15	40	---	20
K_2O per acre---pound	49	42	---	12	---	60	---	60	---	40	---	60
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	43.07	56.37	11.61	26.94	38.32	31.64	43.22	61.13	54.88	84.36	31.37	69.53
Percentage fertilized---percent	3.7	5.9	3.2	5.4	4.6	7.3	3.6	7.2	5.0	8.6	2.6	5.4
N per acre---pound	6	25	---	2	14	---	12	---	---	4	14	---
Available P_2O_5 per acre---pound	42	46	57	44	25	33	23	25	58	45	26	28
K_2O per acre---pound	28	42	32	44	55	100	46	75	33	45	52	82

Item	ACP-5b								ACP-5c			
	Illinois		Iowa		Missouri		Wisconsin		Illinois		Iowa	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	653.68	875.75	1,264.91	1,739.28	499.26	696.08	278.23	321.99	473.14	720.37	1,004.72	1,329.89
Percentage fertilized---percent	56.2	78.2	74.0	87.4	47.3	54.9	81.9	86.2	46.8	44.5	41.5	47.6
N per acre---pound	18	18	17	15	15	33	10	16	23	30	20	25
Available P_2O_5 per acre---pound	16	23	25	35	26	43	29	33	18	14	22	25
K_2O per acre---pound	19	17	25	33	20	43	29	32	22	20	17	10
Oats:												
Acreage fertilized---1,000 acres	114.14	36.49	208.56	58.51	67.45	4.02	106.38	48.31	85.49	41.09	249.15	60.79
Percentage fertilized---percent	18.8	8.6	20.6	7.7	9.7	1.2	42.0	22.7	16.2	8.7	18.5	6.1
N per acre---pound	12	4	11	5	11	6	2	2	14	7	10	6
Available P_2O_5 per acre---pound	56	4	43	42	34	13	19	27	66	2	46	38
K_2O per acre---pound	68	17	17	16	17	13	27	62	80	21	6	4
Wheat:												
Acreage fertilized---1,000 acres	6.51	7.16	4.26	1.59	.30	8.26	---	.30	32.95	42.47	8.35	7.49
Percentage fertilized---percent	32.7	54.4	118.5	23.1	3.2	10.0	---	28.1	49.4	46.2	42.5	31.0
N per acre---pound	20	7	20	20	14	12	---	7	16	11	20	20
Available P_2O_5 per acre---pound	88	29	40	10	14	24	---	20	69	17	42	10
K_2O per acre---pound	45	18	16	5	---	24	---	60	51	21	4	6
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	50.79	40.19	58.11	40.95	37.92	48.86	17.69	23.60	53.02	38.95	69.39	42.96
Percentage fertilized---percent	6.7	6.6	5.5	3.7	9.5	9.7	2.6	4.0	7.4	5.8	3.3	2.4
N per acre---pound	11	---	2	---	---	---	15	1	14	---	2	---
Available P_2O_5 per acre---pound	55	15	41	40	58	58	28	30	64	9	43	40
K_2O per acre---pound	47	22	19	40	33	50	55	87	61	26	11	40

Item	ACP-5e						ACP-5f				ACP-5j
	Illinois		Iowa		Missouri		Illinois		Missouri		Arkansas
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	472.46	608.82	322.22	288.21	1,026.30	1,122.93	381.08	445.43	235.69	311.45	26.73	28.65
Percentage fertilized---percent	53.1	65.8	29.1	24.1	66.3	71.7	70.1	75.6	68.4	73.9	45.0	66.4
N per acre---pound	27	48	34	40	34	50	20	30	35	50	30	28
Available P_2O_5 per acre---pound	21	18	18	34	29	29	17	35	29	29	20	26
K_2O per acre---pound	26	17	16	23	30	27	28	57	27	27	10	17
Oats:												
Acreage fertilized---1,000 acres	52.21	7.65	112.30	36.96	174.58	50.00	42.52	4.56	76.19	40.00	7.96	.87
Percentage fertilized---percent	23.6	9.5	19.0	9.3	41.8	33.5	37.2	9.0	72.9	73.5	60.0	50.0
N per acre---pound	14	12	9	6	18	18	8	7	16	18	25	51
Available P_2O_5 per acre---pound	67	31	45	36	29	27	36	57	26	27	20	30
K_2O per acre---pound	82	18	1	5	18	20	45	13	15	20	10	21
Wheat:												
Acreage fertilized---1,000 acres	198.41	185.47	6.60	6.38	334.29	352.09	236.87	261.45	85.74	139.59	---	.35
Percentage fertilized---percent	59.3	70.3	35.7	18.4	85.8	79.1	68.1	78.3	84.7	79.0	---	49.9
N per acre---pound	13	18	16	20	18	20	10	11	17	20	---	29
Available P_2O_5 per acre---pound	60	24	44	10	29	28	49	45	29	28	---	23
K_2O per acre---pound	49	18	1	6	18	21	56	61	16	21	---	17
Cotton:												
Acreage fertilized---1,000 acres	---	---	---	---	---	---	---	---	.47	.33	10.79	4.26
Percentage fertilized---percent	---	---	---	---	---	---	---	---	86.5	100.0	88.0	100.0
N per acre---pound	---	---	---	---	---	---	---	---	26	49	10	30
Available P_2O_5 per acre---pound	---	---	---	---	---	---	---	---	26	49	20	25
K_2O per acre---pound	---	---	---	---	---	---	---	---	26	49	10	20

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Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-50						ASR-60				ASR-61	
	Illinois		Iowa		Missouri		Illinois		Missouri		Arkansas	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Tobacco:												
Acreage fertilized---1,000 acres	---	---	---	---	---	0.34	---	---	---	0.01	---	---
Percentage fertilized---percent	---	---	---	---	---	100.0	---	---	---	100.0	---	---
N per acre---pound	---	---	---	---	---	18	---	---	---	20	---	---
Available P_2O_5 per acre---pound	---	---	---	---	---	47	---	---	---	50	---	---
K_2O per acre---pound	---	---	---	---	---	59	---	---	---	60	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	29.92	29.85	49.45	47.70	136.08	134.79	26.00	19.62	61.59	44.83	58.26	39.53
Percentage fertilized---percent	6.8	7.6	4.2	3.8	6.7	6.4	8.2	6.6	8.4	6.3	8.1	6.7
N per acre---pound	13	---	2	---	23	19	9	---	24	19	2	5
Available P_2O_5 per acre---pound	56	12	44	30	23	30	48	23	20	30	10	35
K_2O per acre---pound	71	22	4	30	15	20	109	75	22	20	10	20

Item	ASR-61		ASR-62			ASR-63		ASR-64			
	Missouri		Arkansas		Oklahoma	Arkansas		Arkansas		Louisiana	
	1954	1959	1954	1959	1954	1954	1959	1954	1959	1954	1959
Corn:											
Acreage fertilized---1,000 acres	245.86	256.77	83.79	53.09	13.88	86.48	56.82	83.89	37.21	207.16	157.14
Percentage fertilized---percent	78.4	82.0	53.0	56.8	44.8	46.3	57.7	46.3	51.8	61.1	63.6
N per acre---pound	33	50	32	40	24	36	20	38	40	54	57
Available P_2O_5 per acre---pound	26	29	18	30	28	15	10	12	10	6	16
K_2O per acre---pound	21	27	13	25	8	20	10	14	10	6	14
Oats:											
Acreage fertilized---1,000 acres	149.76	50.00	33.43	9.61	9.23	70.07	37.46	63.21	14.48	56.05	25.81
Percentage fertilized---percent	92.8	81.4	60.0	50.0	36.8	60.0	50.0	60.0	40.8	65.5	60.0
N per acre---pound	13	18	35	60	18	25	40	22	40	29	67
Available P_2O_5 per acre---pound	24	27	18	30	27	40	20	8	20	12	7
K_2O per acre---pound	13	20	10	20	4	---	10	15	8	15	12	7
Wheat:											
Acreage fertilized---1,000 acres	126.19	74.28	---	11.07	3.35	3.21	---	20.41	---	24.47	---	19.04
Percentage fertilized---percent	99.9	90.5	---	50.0	51.5	65.1	---	50.0	---	50.0	---	61.0
N per acre---pound	13	20	---	50	25	26	---	50	---	50	---	68
Available P_2O_5 per acre---pound	26	28	---	30	25	39	---	---	---	---	---	4
K_2O per acre---pound	13	21	---	20	8	4	---	---	---	---	---	4
Cotton:											
Acreage fertilized---1,000 acres	3.90	1.79	116.71	63.20	10.40	8.73	523.76	483.37	744.94	656.79	532.08	410.97
Percentage fertilized---percent	101.4	100.0	90.0	100.0	43.0	68.3	94.8	100.0	90.5	99.1	97.4	95.0
N per acre---pound	31	50	23	60	13	21	37	60	45	72	53	60
Available P_2O_5 per acre---pound	32	50	22	41	20	29	24	33	16	14	14	17
K_2O per acre---pound	27	50	24	32	10	12	39	50	34	40	10	16
Tobacco:												
Acreage fertilized---1,000 acres	---	.01	---	---	---	---	---	---	---	---	---	---
Percentage fertilized---percent	---	100.0	---	---	---	---	---	---	---	---	---	---
N per acre---pound	---	20	---	---	---	---	---	---	---	---	---	---
Available P_2O_5 per acre---pound	---	50	---	---	---	---	---	---	---	---	---	---
K_2O per acre---pound	---	60	---	---	---	---	---	---	---	---	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	167.49	167.71	91.94	65.28	24.70	24.95	32.53	28.45	40.16	18.05	59.63	80.78
Percentage fertilized---percent	8.2	7.9	8.6	6.2	8.9	7.4	10.7	9.5	13.0	7.9	11.4	9.6
N per acre---pound	21	19	1	4	15	27	1	1	1	7	15	37
Available P_2O_5 per acre---pound	18	30	10	26	20	34	10	8	10	28	34	17
K_2O per acre---pound	16	20	10	3	8	20	10	6	10	11	28	17

Item	ASR-64				ASR-65				ASR-66			
	Mississippi		Missouri		Louisiana		Texas		Arkansas		Louisiana	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	146.25	84.97	175.55	200.75	82.54	53.30	60.37	71.39	75.11	44.15	72.21	32.71
Percentage fertilized---percent	84.6	81.4	58.9	74.7	78.2	80.3	35.3	39.8	63.8	74.3	86.0	79.6
N per acre---pound	46	115	42	50	61	65	46	40	31	35	36	41
Available P_2O_5 per acre---pound	5	---	27	29	7	13	36	28	19	30	15	26
K_2O per acre---pound	5	---	31	27	7	11	8	8	12	25	14	25
Oats:												
Acreage fertilized---1,000 acres	128.70	75.65	8.24	2.50	3.66	3.42	---	2.00	20.87	7.48	9.55	2.78
Percentage fertilized---percent	63.8	62.1	42.9	53.4	80.1	65.0	---	96.9	60.0	64.2	89.1	75.0
N per acre---pound	39	45	24	18	37	61	---	30	25	60	34	50
Available P_2O_5 per acre---pound	---	---	25	27	14	28	---	30	16	30	15	25
K_2O per acre---pound	---	---	16	20	14	28	---	30	10	20	15	25
Wheat:												
Acreage fertilized---1,000 acres	---	5.00	---	118.40	---	.60	---	---	---	.13	---	.42
Percentage fertilized---percent	---	19.8	---	76.8	---	65.0	---	---	---	50.0	---	75.0
N per acre---pound	---	45	---	20	---	60	---	---	---	48	---	48
Available P_2O_5 per acre---pound	---	---	---	28	---	27	---	---	---	32	---	24
K_2O per acre---pound	---	---	---	21	---	27	---	---	---	16	---	24
Cotton:												
Acreage fertilized---1,000 acres	853.96	743.75	317.93	327.93	32.50	19.50	70.18	103.35	157.76	86.25	70.91	26.60
Percentage fertilized---percent	98.1	97.3	75.3	81.3	91.3	97.5	24.1	38.4	87.7	97.0	98.0	85.7
N per acre---pound	90	105	40	50	61	54	30	45	27	51	42	42
Available P_2O_5 per acre---pound	7	4	31	50	23	27	36	20	21	31	36	29
K_2O per acre---pound	7	7	35	50	20	25	---	b	24	25	22	27

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Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-64				ASR-65				ASR-66			
	Mississippi		Missouri		Louisiana		Texas		Arkansas		Louisiana	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	65.90	44.82	13.96	10.81	35.59	72.81	60.63	87.50	55.11	50.27	56.84	59.83
Percentage fertilized---percent	24.1	18.6	7.1	6.7	4.4	7.5	4.9	7.7	10.2	12.0	12.8	18.6
N per acre---pound	2	20	24	19	36	44	8	35	2	5	13	40
Available P_2O_5 per acre---pound	10	1	18	30	23	31	37	27	10	30	46	32
K_2O per acre---pound	10	1	20	20	22	17	8	8	10	20	36	28

Item	ASR-66		ASR-67						ASR-68			
	Texas		Arkansas		Missouri		Oklahoma		Kansas		Oklahoma	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	296.58	146.60	9.07	6.71	58.51	68.74	4.59	5.31	137.75	179.22	23.62	24.80
Percentage fertilized---percent	58.2	67.5	63.6	52.6	93.0	84.3	55.2	59.4	39.0	47.2	45.2	47.7
N per acre---pound	39	34	30	39	28	50	14	7	13	16	14	15
Available P_2O_5 per acre---pound	31	41	20	35	22	29	29	16	25	29	25	23
K_2O per acre---pound	20	21	10	22	32	27	14	7	4	10	12	14
Oats:												
Acreage fertilized---1,000 acres	.03	8.38	12.74	4.68	81.30	40.00	12.75	2.39	194.50	117.67	73.62	47.54
Percentage fertilized---percent	1.0	32.5	60.0	72.3	90.5	78.2	70.5	43.2	69.8	68.4	55.2	59.1
N per acre---pound	40	67	25	60	12	18	12	7	12	14	12	13
Available P_2O_5 per acre---pound	27	22	20	30	21	27	24	13	24	26	30	16
K_2O per acre---pound	---	22	10	20	17	20	8	4	4	6	6	11
Wheat:												
Acreage fertilized---1,000 acres	.01	.53	---	2.04	85.85	67.77	6.00	5.40	531.14	554.55	60.67	85.75
Percentage fertilized---percent	3.3	32.5	---	70.0	98.3	94.7	75.0	67.9	77.1	81.6	61.9	76.0
N per acre---pound	40	68	---	50	13	20	15	9	13	16	16	12
Available P_2O_5 per acre---pound	40	23	---	30	24	28	30	17	25	26	31	23
K_2O per acre---pound	---	23	---	20	20	21	9	5	3	6	7	8
Cotton:												
Acreage fertilized---1,000 acres	280.01	143.44	---	.01	---	---	.09	---	---	---	7.14	1.07
Percentage fertilized---percent	43.4	56.9	---	100.0	---	---	90.0	---	---	---	86.5	35.1
N per acre---pound	38	37	---	30	---	---	22	---	---	---	11	9
Available P_2O_5 per acre---pound	26	31	---	25	---	---	44	---	---	---	22	19
K_2O per acre---pound	12	16	---	20	---	---	22	---	---	---	11	9
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	252.40	207.24	46.00	37.95	48.47	47.55	15.32	17.95	74.49	52.43	45.83	40.13
Percentage fertilized---percent	11.3	15.2	18.1	16.0	10.7	11.5	8.3	9.9	8.4	11.7	10.0	12.4
N per acre---pound	8	31	2	9	20	19	10	6	18	22	4	8
Available P_2O_5 per acre---pound	26	41	10	38	20	30	26	15	32	39	10	23
K_2O per acre---pound	6	21	10	24	20	20	10	6	4	8	2	8

Item	ASR-67				ASR-68							
	Kansas		Missouri		Iowa		Kansas		Missouri		Nebraska	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	104.82	145.31	291.05	395.42	1,103.00	1,229.32	195.19	216.50	442.02	426.89	742.10	673.97
Percentage fertilized---percent	38.6	49.4	78.8	78.1	41.1	37.4	33.3	40.6	46.7	43.5	31.3	30.1
N per acre---pound	15	20	34	50	39	49	37	31	26	50	48	48
Available P_2O_5 per acre---pound	25	26	31	29	18	25	24	22	26	29	20	13
K_2O per acre---pound	3	4	21	27	2	1	1	3	13	27	1	1
Oats:												
Acreage fertilized---1,000 acres	118.03	67.97	194.62	100.00	450.50	147.26	87.82	57.92	45.72	20.00	166.00	75.39
Percentage fertilized---percent	75.0	73.6	68.1	62.5	28.4	13.4	43.9	52.3	20.0	17.5	16.6	13.5
N per acre---pound	16	22	10	18	16	10	27	27	19	18	50	38
Available P_2O_5 per acre---pound	26	27	19	27	42	36	23	19	27	27	20	22
K_2O per acre---pound	4	4	14	20	1	1	1	3	37	20	1	2
Wheat:												
Acreage fertilized---1,000 acres	184.10	211.30	234.95	243.04	23.75	30.22	203.33	244.31	105.16	[illegible]	118.51	144.87
Percentage fertilized---percent	89.4	89.9	95.2	90.1	37.5	34.0	70.4	82.2	46.2	52.5	28.8	36.4
N per acre---pound	17	21	12	20	37	30	26	30	17	20	30	39
Available P_2O_5 per acre---pound	28	38	23	35	43	10	24	22	25	28	20	12
K_2O per acre---pound	4	4	16	21	1	---	1	2	24	21	1	1
Cotton:												
Acreage fertilized---1,000 acres	---	---	---	.01	---	---	---	---	---	---	---	---
Percentage fertilized---percent	---	---	---	100.0	---	---	---	---	---	---	---	---
N per acre---pound	---	---	---	50	---	---	---	---	---	---	---	---
Available P_2O_5 per acre---pound	---	---	---	50	---	---	---	---	---	---	---	---
K_2O per acre---pound	---	---	---	50	---	---	---	---	---	---	---	---
Tobacco:												
Acreage fertilized---1,000 acres	---	---	---	.01	---	---	---	---	---	2.50	---	---
Percentage fertilized---percent	---	---	---	100.0	---	---	---	---	---	100.0	---	---
N per acre---pound	---	---	---	20	---	---	---	---	---	31	---	---
Available P_2O_5 per acre---pound	---	---	---	50	---	---	---	---	---	51	---	---
K_2O per acre---pound	---	---	---	60	---	---	---	---	---	61	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	48.00	55.42	55.63	70.24	119.99	72.76	56.12	56.09	59.66	35.73	88.55	39.84
Percentage fertilized---percent	11.6	23.3	9.4	11.3	7.5	5.3	10.0	13.2	6.6	4.3	7.4	5.2
N per acre---pound	19	25	21	19	2	---	32	35	20	19	19	21
Available P_2O_5 per acre---pound	32	33	18	30	41	40	29	26	21	30	29	26
K_2O per acre---pound	4	5	19	20	2	1	2	3	---	20	2	2

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Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-70		ASR-71				ASR-72				ASR-73	
	South Dakota		Iowa		Minnesota		Minnesota		South Dakota		Minnesota	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	138.62	160.21	1,143.42	1,789.35	499.76	856.20	320.70	733.56	46.21	102.63	260.39	374.44
Percentage fertilized---percent	15.4	14.3	48.9	56.8	35.1	46.0	28.9	45.5	9.7	17.7	40.8	63.9
N per acre---pound	22	32	25	28	15	28	15	22	16	29	14	10
Available P_2O_5 per acre---pound	22	21	25	39	27	34	27	43	10	19	25	19
K_2O per acre---pound	---	1	19	24	20	17	21	22	---	1	19	42
Oats:												
Acreage fertilized---1,000 acres	70.60	25.60	434.50	147.27	74.89	10.44	48.72	75.80	16.03	56.21	38.89	84.63
Percentage fertilized---percent	9.4	5.0	31.4	15.3	7.3	2.0	5.6	12.0	2.5	13.9	6.8	15.0
N per acre---pound	15	8	15	9	11	6	11	8	21	5	10	4
Available P_2O_5 per acre---pound	25	---	43	39	33	24	32	32	13	6	31	18
K_2O per acre---pound	---	---	6	5	17	12	16	---	---	---	16	18
Wheat:												
Acreage fertilized---1,000 acres	1.40	2.61	2.77	1.85	.68	14.60	.83	70.06	5.67	22.79	6.03	22.80
Percentage fertilized---percent	10.2	5.8	128.1	19.4	2.8	30.0	2.5	40.0	5.0	17.3	11.5	30.0
N per acre---pound	19	15	30	21	12	24	12	11	15	10	6	6
Available P_2O_5 per acre---pound	36	30	40	11	2	30	22	43	18	20	13	24
K_2O per acre---pound	---	---	8	5	---	---	---	---	---	---	---	12
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	36.73	21.08	170.63	170.65	103.31	94.69	87.39	114.00	28.09	32.28	45.57	96.22
Percentage fertilized---percent	9.9	6.5	16.1	13.5	14.1	22.0	12.5	26.0	5.2	8.7	4.2	12.2
N per acre---pound	3	6	3	---	---	1	---	---	4	2	---	1
Available P_2O_5 per acre---pound	49	60	40	40	58	67	58	9	47	40	58	38
K_2O per acre---pound	---	---	6	40	33	33	33	---	---	---	33	38

Item	ASR-74				ASR-75				ASR-76			
	Minnesota		North Dakota		North Dakota		South Dakota		Kansas		Nebraska	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	63.90	101.27	55.44	87.70	68.42	173.13	25.35	70.51	68.26	73.36	1,037.55	1,759.62
Percentage fertilized---percent	42.4	66.8	34.0	63.4	9.9	23.7	2.7	7.8	14.8	23.2	27.4	44.6
N per acre---pound	16	11	4	12	4	12	17	26	19	46	43	61
Available P_2O_5 per acre---pound	29	37	22	24	20	22	14	17	17	17	12	11
K_2O per acre---pound	22	---	2	---	2	---	---	---	---	---	1	1
Oats:												
Acreage fertilized---1,000 acres	185.46	253.69	33.74	77.91	55.45	214.18	13.91	27.35	13.57	10.93	132.46	66.58
Percentage fertilized---percent	27.4	40.0	9.9	32.0	3.8	18.0	1.3	5.9	20.0	23.9	13.0	11.5
N per acre---pound	11	4	3	7	2	6	12	15	20	35	27	36
Available P_2O_5 per acre---pound	33	8	15	12	16	16	23	16	18	13	16	18
K_2O per acre---pound	17	---	1	---	---	---	---	---	---	---	1	3
Wheat:												
Acreage fertilized---1,000 acres	201.07	402.38	344.78	553.74	389.74	1,658.39	13.72	71.47	147.22	174.61	262.36	320.84
Percentage fertilized---percent	38.6	80.0	36.0	73.6	7.8	38.2	1.1	7.9	23.6	29.0	15.6	20.2
N per acre---pound	7	16	4	9	2	6	11	10	17	34	21	39
Available P_2O_5 per acre---pound	14	36	23	26	16	20	12	20	15	13	11	10
K_2O per acre---pound	---	---	---	1	---	---	---	---	---	---	1	1
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	62.83	102.96	16.45	12.25	[illegible]	[illegible]	[illegible]	[illegible]	8.99	[illegible]	87.24	62.96
Percentage fertilized---percent	6.1	19.0	4.6	5.7	.6	2.3	.3	.8	2.2	2.5	3.7	3.9
N per acre---pound	---	---	---	6	---	8	3	---	26	54	11	19
Available P_2O_5 per acre---pound	55	53	43	38	34	29	43	40	23	20	31	37
K_2O per acre---pound	31	---	---	---	---	---	---	---	---	---	1	1

Item	ASR-77		ASR-78				ASR-78		ASR-79			
	[illegible]		Kansas		Oklahoma		Oklahoma		Oklahoma		Texas	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	47.45	38.41	49.77	46.81	6.34	3.84	46.24	30.24	11.59	8.77	10.93	5.35
Percentage fertilized---percent	3.5	2.9	23.1	22.3	50.8	35.1	40.5	36.3	29.5	32.8	11.3	7.3
N per acre---pound	17	27	18	29	17	10	26	24	27	19	28	31
Available P_2O_5 per acre---pound	14	19	24	24	25	22	23	28	30	40	19	33
K_2O per acre---pound	---	1	---	---	2	4	8	8	5	6	6	15
Oats:												
Acreage fertilized---1,000 acres	23.11	20.00	79.16	68.54	54.35	85.14	49.08	26.43	5.57	7.91	7.12	38.98
Percentage fertilized---percent	1.9	3.8	31.3	32.0	28.7	47.7	27.1	26.5	10.6	28.2	1.7	12.1
N per acre---pound	13	14	17	19	6	4	17	17	10	7	14	28
Available P_2O_5 per acre---pound	31	10	23	15	12	14	22	24	12	16	6	27
K_2O per acre---pound	---	---	---	---	1	1	5	5	3	4	2	6
Wheat:												
Acreage fertilized---1,000 acres	7.61	11.79	761.55	1,054.72	305.82	538.42	120.19	115.86	11.00	19.97	3.42	11.98
Percentage fertilized---percent	2.1	7.1	32.7	47.9	24.4	36.7	59.3	55.5	11.5	64.7	3.6	12.1
N per acre---pound	12	10	14	18	9	6	14	13	13	13	26	28
Available P_2O_5 per acre---pound	12	10	20	14	14	15	21	25	17	24	6	27
K_2O per acre---pound	---	---	---	---	1	---	2	3	2	8	2	6
Cotton:												
Acreage fertilized---1,000 acres	---	---	---	---	15.74	8.94	36.43	24.55	17.85	9.35	17.52	7.42
Percentage fertilized---percent	---	---	---	---	46.5	35.9	34.3	39.0	20.6	22.6	8.6	5.7
N per acre---pound	---	---	---	---	16	11	15	14	12	9	21	25
Available P_2O_5 per acre---pound	---	---	---	---	32	28	23	29	17	23	26	30
K_2O per acre---pound	---	---	---	---	8	6	10	13	8	12	7	12

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Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-76		ASR-77				ASR-78		ASR-79			
	South Dakota		Kansas		Oklahoma		Oklahoma		Oklahoma		Texas	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	11.63	9.20	41.96	28.48	38.04	37.66	104.18	108.63	39.40	49.47	114.40	86.41
Percentage fertilized---percent	.8	1.1	6.0	5.5	7.6	11.1	9.4	12.4	7.3	15.0	12.9	8.1
N per acre---pound	3	---	22	22	13	5	12	8	17	11	---	26
Available P_2O_5 per acre---pound	41	40	30	18	27	44	27	36	30	41	32	33
K_2O per acre---pound	---	---	---	---	2	3	4	10	4	5	---	14

Item	ASR-80		ASR-81		ASR-82		ASR-83				ASR-84	
	Texas		Texas		Texas		Oklahoma		Texas		Texas	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	92.49	69.01	46.37	54.05	6.51	7.83	4.41	2.40	0.60	0.20	3.43	5.12
Percentage fertilized---percent	13.0	10.9	17.2	21.4	27.2	37.0	32.1	34.1	4.9	2.8	7.2	44.3
N per acre---pound	32	31	24	26	53	85	18	19	30	61	69	91
Available P_2O_5 per acre---pound	23	11	25	27	39	---	25	32	17	71	37	10
K_2O per acre---pound	6	6	8	---	8	---	7	8	---	---	---	---
Oats:												
Acreage fertilized---1,000 acres	.26	50.62	.10	5.83	---	.57	8.92	8.25	2.54	1.13	.01	.39
Percentage fertilized---percent	1.0	19.7	.2	4.8	---	77.2	5.0	11.7	.8	1.0	5.6	10.6
N per acre---pound	38	26	21	59	---	59	3	3	16	37	40	31
Available P_2O_5 per acre---pound	30	30	4	---	---	59	11	13	14	27	40	---
K_2O per acre---pound	---	---	---	---	---	---	---	---	---	---	---	---
Wheat:												
Acreage fertilized---1,000 acres	.04	41.82	.10	.76	---	---	88.96	205.08	7.83	28.58	.51	5.66
Percentage fertilized---percent	3.3	19.7	4.4	2.2	---	---	9.0	23.9	1.0	4.2	.7	8.5
N per acre---pound	45	26	31	61	---	---	9	10	19	22	44	283
Available P_2O_5 per acre---pound	45	30	---	---	---	---	17	21	19	26	36	---
K_2O per acre---pound	---	---	---	---	---	---	---	---	---	---	---	---
Cotton:												
Acreage fertilized---1,000 acres	154.94	110.16	44.26	96.57	152.59	217.14	102.91	144.46	36.43	93.84	70.13	441.44
Percentage fertilized---percent	10.2	9.1	8.0	20.8	33.7	50.5	17.9	33.6	2.4	7.8	4.4	27.0
N per acre---pound	25	37	30	42	56	73	8	11	20	36	74	74
Available P_2O_5 per acre---pound	25	32	37	22	41	---	17	21	23	25	47	36
K_2O per acre---pound	7	6	15	3	8	---	5	5	4	3	2	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	128.92	181.64	163.59	79.73	19.91	5.58	19.40	32.19	32.09	24.85	18.50	11.96
Percentage fertilized---percent	8.0	12.2	12.2	5.8	20.6	5.7	4.5	6.5	3.4	2.2	12.2	5.8
N per acre---pound	---	33	6	28	13	44	18	10	4	34	23	49
Available P_2O_5 per acre---pound	31	41	36	32	30	37	22	42	26	22	77	45
K_2O per acre---pound	---	---	---	4	8	6	7	8	2	---	---	---

Item	ASR-85										ASR-86	
	Colorado		Kansas		New Mexico		Oklahoma		Texas		Montana	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	21.95	76.15	8.23	38.32	0.63	3.24	0.87	1.33	5.42	12.82	0.86	2.77
Percentage fertilized---percent	15.4	36.8	5.8	28.1	5.4	23.7	15.6	24.6	43.0	61.9	3.7	19.7
N per acre---pound	54	80	17	53	54	13	25	46	72	105	26	19
Available P_2O_5 per acre---pound	1	---	13	13	35	---	37	26	15	5	30	25
K_2O per acre---pound	---	---	---	---	---	---	5	3	---	---	---	---
Oats:												
Acreage fertilized---1,000 acres	---	---	5.13	.97	.10	.52	.45	1.62	---	1.20	.84	.58
Percentage fertilized---percent	---	---	9.4	3.1	4.9	11.8	2.2	5.6	---	9.4	2.8	2.2
N per acre---pound	---	---	12	35	20	31	9	9	---	30	10	21
Available P_2O_5 per acre---pound	---	---	11	13	20	4	22	10	---	3	24	21
K_2O per acre---pound	---	---	---	---	---	---	---	---	---	---	---	---
Wheat:												
Acreage fertilized---1,000 acres	---	39.31	162.97	361.64	.20	19.66	28.67	71.45	8.50	398.85	11.55	37.83
Percentage fertilized---percent	---	2.4	3.0	6.2	1.8	9.7	2.0	4.9	.5	20.6	5.5	21.9
N per acre---pound	---	29	16	30	20	37	8	12	38	80	3	3
Available P_2O_5 per acre---pound	---	4	12	7	20	12	14	7	13	4	16	14
K_2O per acre---pound	---	---	---	---	---	---	---	---	---	---	---	---
Cotton:												
Acreage fertilized---1,000 acres	---	---	---	---	2.04	12.78	10.92	7.54	45.10	197.70	---	---
Percentage fertilized---percent	---	---	---	---	10.1	57.7	15.5	21.5	9.8	49.5	---	---
N per acre---pound	---	---	---	---	38	10	6	7	24	85	---	---
Available P_2O_5 per acre---pound	---	---	---	---	30	5	13	8	26	13	---	---
K_2O per acre---pound	---	---	---	---	---	---	5	7	10	1	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	12.44	16.24	17.92	14.74	10.55	9.71	7.05	10.80	11.60	19.89	10.90	17.13
Percentage fertilized---percent	3.7	1.9	2.1	2.0	3.4	4.5	2.7	3.5	3.0	5.0	2.2	4.2
N per acre---pound	---	---	20	36	21	2	7	10	2	61	16	17
Available P_2O_5 per acre---pound	86	63	15	11	34	29	28	17	30	11	44	32
K_2O per acre---pound	---	---	---	---	---	---	---	1	---	---	---	---

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Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-86				ASR-87				ASR-88			
	Nebraska		South Dakota		Montana		North Dakota		Colorado		Montana	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	29.10	68.73	2.29	8.72	2.20	11.11	9.56	31.86	58.45	130.87	0.55	5.83
Percentage fertilized---percent	8.7	28.3	.7	4.6	2.2	13.7	2.6	7.2	26.5	56.4	6.3	45.6
N per acre---pound	38	65	38	19	13	13	4	9	54	78	22	30
Available P_2O_5 per acre---pound	10	11	33	20	24	17	34	15	8	6	29	32
K_2O per acre---pound	1	1	---	1	---	---	---	---	---	---	---	---
Oats:												
Acreage fertilized---1,000 acres	8.86	9.73	1.32	.10	6.30	7.24	1.70	12.21	---	.48	1.36	.58
Percentage fertilized---percent	6.5	12.1	.8	.1	5.6	5.3	.6	6.2	---	1.7	6.0	2.8
N per acre---pound	21	30	12	20	6	9	---	6	---	41	12	14
Available P_2O_5 per acre---pound	10	10	12	---	18	15	15	18	---	---	22	24
K_2O per acre---pound	1	1	---	---	---	---	---	---	---	---	---	---
Wheat:												
Acreage fertilized---1,000 acres	5.21	7.63	3.74	7.79	303.21	632.91	33.16	549.33	---	8.18	10.41	64.85
Percentage fertilized---percent	2.3	5.1	.4	1.2	8.5	20.2	2.1	41.0	---	1.8	4.1	29.4
N per acre---pound	25	31	12	7	1	3	---	4	---	50	6	4
Available P_2O_5 per acre---pound	10	6	12	7	15	13	19	20	---	6	17	13
K_2O per acre---pound	---	---	---	---	---	---	---	---	---	---	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	15.96	27.39	2.72	3.97	27.28	49.27	2.58	7.00	24.72	23.15	15.66	19.32
Percentage fertilized---percent	.6	3.7	.1	.3	2.3	5.6	.3	.8	3.8	6.0	6.5	6.2
N per acre---pound	11	22	---	---	10	15	---	3	---	12	20	20
Available P_2O_5 per acre---pound	39	13	61	50	25	30	36	35	73	67	42	32
K_2O per acre---pound	2	1	---	---	---	---	---	---	---	---	---	---

Item	ASR-88				ASR-89						ASR-90	
	Nebraska		Wyoming		Arizona		New Mexico		Texas		Colorado	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	24.68	91.23	16.43	17.61	---	7.60	2.37	0.97	0.18	0.32	10.21	22.17
Percentage fertilized---percent	10.3	46.2	35.2	30.4	---	87.3	19.1	15.5	32.4	27.8	31.3	60.9
N per acre---pound	58	86	43	70	---	96	40	58	88	62	78	93
Available P_2O_5 per acre---pound	10	19	6	---	---	27	43	4	33	37	---	---
K_2O per acre---pound	1	1	---	---	---	---	---	---	---	---	---	---
Oats:												
Acreage fertilized---1,000 acres	1.84	4.51	12.28	18.92	---	3.17	.19	.47	.09	1.23	---	---
Percentage fertilized---percent	3.9	11.6	19.6	22.8	---	77.4	19.9	15.2	5.4	84.2	---	---
N per acre---pound	36	34	28	52	---	81	41	9	45	120	---	---
Available P_2O_5 per acre---pound	17	22	26	---	---	28	31	4	45	15	---	---
K_2O per acre---pound	---	1	---	---	---	1	---	---	---	---	---	---
Wheat:												
Acreage fertilized---1,000 acres	7.52	19.28	2.32	6.35	---	67.16	.08	---	.05	.03	---	2.33
Percentage fertilized---percent	1.2	2.3	3.2	2.7	---	78.2	10.1	---	1.4	7.9	---	2.0
N per acre---pound	24	28	23	43	---	82	---	---	44	138	---	44
Available P_2O_5 per acre---pound	12	13	15	---	---	28	---	---	44	---	---	23
K_2O per acre---pound	1	---	---	---	---	1	---	---	---	---	---	---
Cotton:												
Acreage fertilized---1,000 acres	---	---	---	---	---	342.10	105.52	142.87	116.83	107.41	---	---
Percentage fertilized---percent	---	---	---	---	---	89.4	60.3	85.6	37.4	77.8	---	---
N per acre---pound	---	---	---	---	---	121	44	67	120	165	---	---
Available P_2O_5 per acre---pound	---	---	---	---	---	31	32	22	28	32	---	---
K_2O per acre---pound	---	---	---	---	---	2	---	---	1	---	---	---
Hay and cropland pasture:												
Acreage fertilized---1,000 acres	7.02	10.91	46.13	52.59	76.06	157.23	61.48	62.53	27.57	9.63	43.85	61.99
Percentage fertilized---percent	2.3	4.2	3.8	3.6	25.6	53.4	32.3	24.8	35.9	11.2	3.9	6.0
N per acre---pound	5	30	3	2	4	30	24	2	17	53	13	17
Available P_2O_5 per acre---pound	36	26	34	82	46	48	51	152	80	41	84	63
K_2O per acre---pound	---	1	---	---	---	---	---	1	---	---	---	---

Item	ASR-90										ASR-91	
	Idaho		Montana		New Mexico		Washington		Wyoming		Idaho	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized---1,000 acres	---	2.50	---	0.77	0.88	3.40	0.03	0.10	1.21	0.14	---	0.20
Percentage fertilized---percent	---	74.8	---	36.5	5.5	24.0	7.9	64.1	10.9	85.9	---	58.3
N per acre---pound	---	60	---	21	41	18	62	80	30	43	---	62
Available P_2O_5 per acre---pound	---	36	---	31	38	4	---	40	3	---	---	---
K_2O per acre---pound	---	---	---	---	---	---	---	20	---	---	---	---
Oats:												
Acreage fertilized---1,000 acres	9.43	14.24	7.68	5.33	.20	.12	9.93	1.43	.08	---	14.25	6.00
Percentage fertilized---percent	19.8	34.5	15.5	10.9	4.9	8.0	48.3	10.8	.8	---	27.7	22.4
N per acre---pound	28	28	17	15	29	49	18	35	26	---	22	30
Available P_2O_5 per acre---pound	2	---	28	33	29	---	24	22	---	---	2	---
K_2O per acre---pound	1	---	---	---	---	---	23	22	---	---	1	---
Wheat:												
Acreage fertilized---1,000 acres	38.12	39.28	36.52	64.46	.56	.74	11.55	6.25	1.07	---	100.18	130.39
Percentage fertilized---percent	31.1	30.7	14.3	30.4	4.8	8.4	45.5	33.0	1.1	---	43.3	69.2
N per acre---pound	19	33	14	10	28	35	20	41	42	---	23	30
Available P_2O_5 per acre---pound	8	4	22	20	28	14	13	24	---	---	1	---
K_2O per acre---pound	1	1	---	---	7	---	---	14	8	---	---	---

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Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959--Continued

Item	ASR-90										ASR-91	
	Idaho		Montana		New Mexico		Washington		Wyoming		Idaho	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Hay and cropland pasture:												
Acreage fertilized----1,000 acres	16.00	16.00	55.00	71.20	13.88	15.33	7.64	5.00	6.05	11.64	7.70	3.00
Percentage fertilized----percent	4.1	3.6	3.1	7.2	9.3	8.6	5.9	4.0	3.8	3.1	6.3	2.9
N per acre----pound	12	5	19	13	22	1	24	64	3	26	21	23
Available P_2O_5 per acre----pound	45	40	36	27	26	43	9	2	34	43	11	29
K_2O per acre----pound	---	---	---	---	---	---	3	1	---	---	---	---

Item	ASR-91				ASR-92		ASR-93		ASR-94			
	Oregon		Washington		Washington		Washington		Idaho		Utah	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized----1,000 acres	1.16	4.94	0.11	0.60	5.43	31.00	25.69	37.00	21.13	60.00	9.92	16.68
Percentage fertilized----percent	65.6	95.8	27.4	75.1	97.5	95.4	94.4	74.3	49.6	80.9	42.1	55.9
N per acre----pound	121	162	72	73	84	120	79	160	57	75	119	60
Available P_2O_5 per acre----pound	---	66	---	20	60	21	42	45	34	48	---	---
K_2O per acre----pound	---	---	---	5	6	2	6	10	---	3	---	---
Oats:												
Acreage fertilized----1,000 acres	2.51	.39	18.16	15.00	5.93	2.10	5.57	3.00	16.31	12.00	1.40	1.00
Percentage fertilized----percent	24.4	11.0	42.6	39.7	18.5	6.7	26.0	20.9	21.7	20.2	9.4	8.9
N per acre----pound	37	77	28	40	30	40	36	40	12	42	107	30
Available P_2O_5 per acre----pound	2	41	---	---	3	---	11	---	40	---	---	10
K_2O per acre----pound	---	---	---	---	---	---	---	---	---	---	---	---
Wheat:												
Acreage fertilized----1,000 acres	248.57	313.27	552.06	594.58	414.40	366.06	52.01	103.02	135.94	203.35	23.39	23.96
Percentage fertilized----percent	43.5	56.5	68.8	77.3	39.7	40.4	31.8	49.1	16.9	26.4	10.4	14.1
N per acre----pound	34	43	35	63	35	50	20	50	20	40	65	40
Available P_2O_5 per acre----pound	---	1	---	---	---	---	3	---	28	---	---	---
K_2O per acre----pound	---	---	---	---	---	---	---	---	---	---	---	---
Hay and cropland pasture:												
Acreage fertilized----1,000 acres	17.47	19.84	19.89	33.78	12.15	25.11	52.34	67.71	195.28	236.83	30.45	33.34
Percentage fertilized----percent	10.5	12.6	8.7	10.6	11.4	11.6	12.2	16.9	16.7	18.9	6.7	7.7
N per acre----pound	25	59	31	36	30	24	29	24	8	13	20	12
Available P_2O_5 per acre----pound	26	26	16	8	46	32	41	61	47	68	61	71
K_2O per acre----pound	---	---	2	---	3	---	3	---	---	---	---	---

Item	ASR-95										ASR-96	
	Arizona		California		Nevada		Oregon		Utah		California	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:												
Acreage fertilized----1,000 acres	---	7.01	0.83	0.63	---	3.75	4.65	14.16	2.08	3.59	11.80	13.61
Percentage fertilized----percent	---	30.1	100.0	22.1	---	90.0	39.7	77.7	15.2	26.4	73.7	96.8
N per acre----pound	---	42	31	77	---	64	87	116	58	60	66	149
Available P_2O_5 per acre----pound	---	3	10	13	---	80	23	46	---	---	30	29
K_2O per acre----pound	---	---	---	---	---	---	7	4	---	---	1	1
Oats:												
Acreage fertilized----1,000 acres	---	.61	2.25	11.37	---	1.39	19.72	13.57	.60	---	19.53	3.99
Percentage fertilized----percent	---	20.9	13.5	63.5	---	60.0	34.7	29.5	4.4	---	75.2	30.4
N per acre----pound	---	68	28	24	---	47	31	52	50	---	24	81
Available P_2O_5 per acre----pound	---	20	---	11	---	60	58	18	---	---	16	31
K_2O per acre----pound	---	---	---	---	---	---	---	2	---	---	1	---
Wheat:												
Acreage fertilized----1,000 acres	---	2.96	11.62	26.25	3.42	15.32	58.38	66.93	1.02	1.96	24.80	6.90
Percentage fertilized----percent	---	33.6	20.9	60.0	38.0	76.7	32.8	50.0	1.6	3.5	[illegible]	18.7
N per acre----pound	---	55	13	39	37	38	31	51	68	40	40	95
Available P_2O_5 per acre----pound	---	14	13	9	47	39	4	11	---	---	20	18
K_2O per acre----pound	---	---	---	---	---	---	---	---	---	---	---	---
Cotton:												
Acreage fertilized----1,000 acres	---	---	---	---	---	---	---	---	---	---	88.06	74.11
Percentage fertilized----percent	---	---	---	---	---	---	---	---	---	---	92.7	100.0
N per acre----pound	---	---	---	---	---	---	---	---	---	---	96	276
Available P_2O_5 per acre----pound	---	---	---	---	---	---	---	---	---	---	43	91
K_2O per acre----pound	---	---	---	---	---	---	---	---	---	---	---	---
Hay and cropland pasture:												
Acreage fertilized----1,000 acres	4.41	14.39	27.64	53.04	14.17	22.26	66.71	91.38	24.66	38.16	191.39	184.47
Percentage fertilized----percent	3.9	31.3	4.4	8.6	8.5	4.1	7.4	11.0	8.6	8.8	26.3	26.3
N per acre----pound	6	37	13	31	20	32	22	41	10	7	38	22
Available P_2O_5 per acre----pound	46	27	50	23	56	40	27	25	61	76	76	73
K_2O per acre----pound	---	---	36	---	---	---	---	---	---	---	---	---

Item	ASR-97		ASR-98		ASR-99				
	California		California		California		Oregon		Washington	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Corn:										
Acreage fertilized----1,000 acres	109.27	201.94	5.25	14.26	0.07	0.61	11.58	27.09	2.96	4.00
Percentage fertilized----percent	93.7	92.7	57.2	70.1	51.0	47.9	79.9	95.4	80.5	90.1
N per acre----pound	65	96	37	101	27	62	29	80	19	60
Available P_2O_5 per acre----pound	9	18	12	56	---	36	30	40	48	99
K_2O per acre----pound	1	1	1	6	---	3	---	10	29	60

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Table 6.--Fertilizer use on specified crops, agricultural subregions by State parts, 1954 and 1959

Item	ASR-97		ASR-98		ASR-99					
	California		California		California		Oregon		Washington	
	1954	1959	1954	1959	1954	1959	1954	1959	1954	1959
Oats:										
Acreage fertilized---1,000 acres	16.09	49.95	7.12	7.48	0.12	0.34	76.82	65.84	17.69	11.81
Percentage fertilized---percent	18.7	77.5	17.1	22.9	17.2	57.7	44.2	67.0	28.0	29.3
N per acre---pound	35	34	25	31	33	47	35	40	9	20
Available P_2O_5 per acre---pound	11	11	29	17	33	6	6	---	37	15
K_2O per acre---pound	---	---	---	3	---	---	---	---	23	---
Wheat:										
Acreage fertilized---1,000 acres	52.29	89.66	10.48	16.12	.17	.41	57.92	69.67	4.85	3.46
Percentage fertilized---percent	26.0	59.0	14.6	15.2	6.5	61.7	53.9	75.1	45.1	42.7
N per acre---pound	40	50	39	22	36	49	39	45	12	40
Available P_2O_5 per acre---pound	11	12	28	5	24	5	5	5	33	30
K_2O per acre---pound	1	---	---	---	---	---	---	---	15	5
Cotton:										
Acreage fertilized---1,000 acres	655.86	737.15	1.00	[illegible]	---	---	---	---	---	---
Percentage fertilized---percent	83.7	98.9	86.4	93.1	---	---	---	---	---	---
N per acre---pound	79	97	70	60	---	---	---	---	---	---
Available P_2O_5 per acre---pound	13	16	14	40	---	---	---	---	---	---
K_2O per acre---pound	1	4	2	50	---	---	---	---	---	---
Hay and cropland pasture:										
Acreage fertilized---1,000 acres	163.05	326.91	24.86	57.93	15.10	21.26	244.51	163.81	110.00	127.58
Percentage fertilized---percent	6.9	14.4	4.6	7.6	4.6	7.7	26.0	23.0	16.8	20.9
N per acre---pound	42	28	2	36	1	37	35	41	23	42
Available P_2O_5 per acre---pound	155	46	60	38	56	45	10	20	44	70
K_2O per acre---pound	36	1	27	1	25	2	1	6	21	44

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END

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