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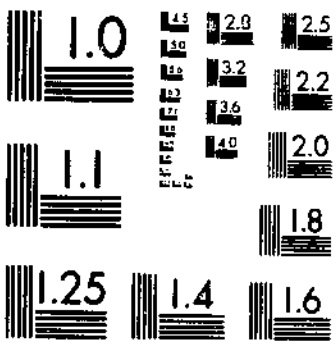

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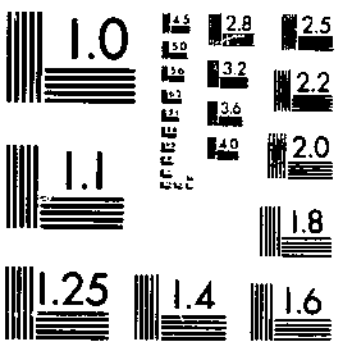

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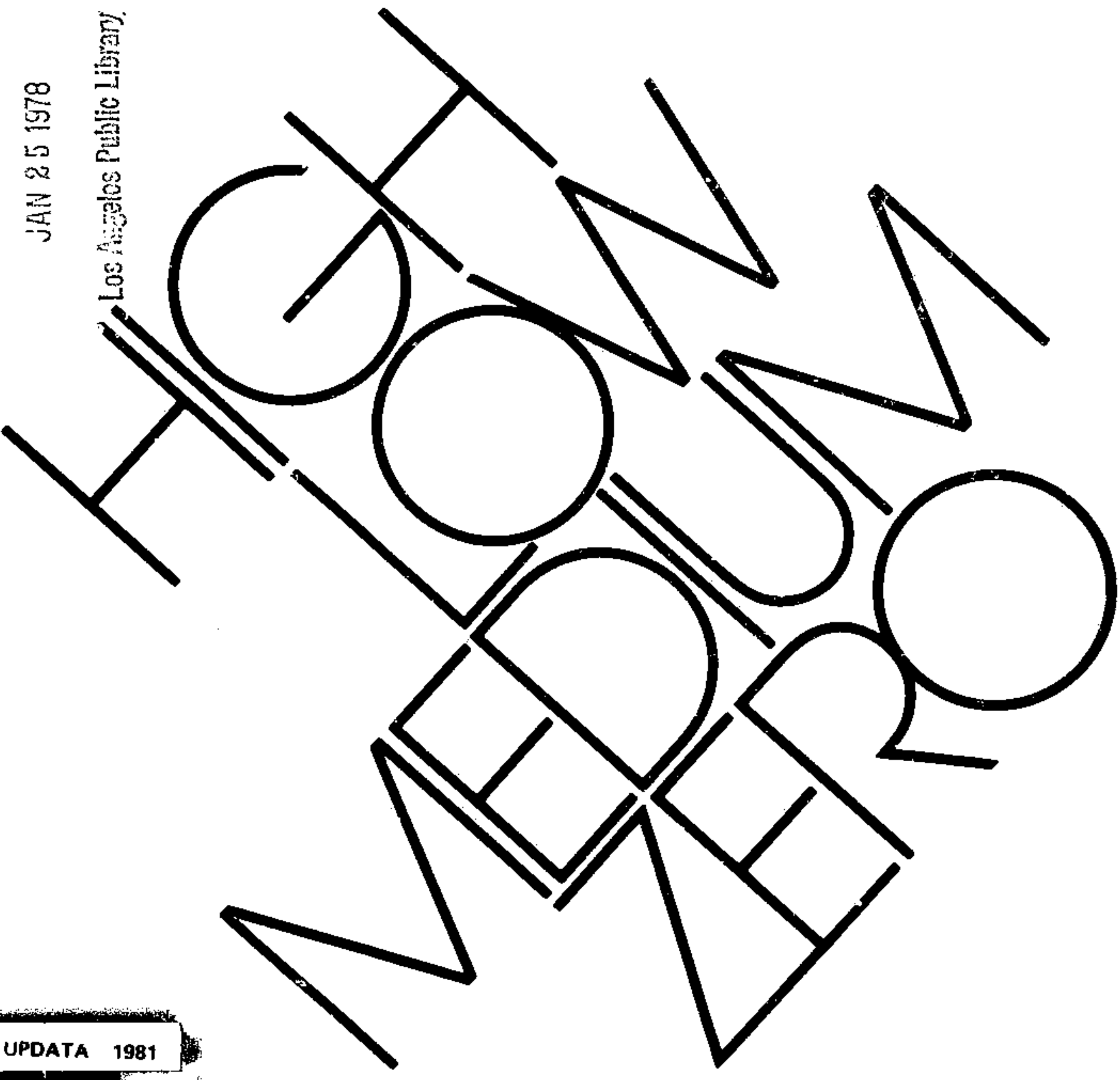
POTENTIAL CROPLAND STUDY

Soil Conservation Service
U.S. Department of Agriculture

Statistical Bulletin No. 578



POTENTIAL CROPLAND STUDY

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Highlights

Significant changes in land use have taken place on America's nonfederal lands between 1967 and 1975. About 17 million acres have been converted to urban and built-up areas, and about 7 million acres have been inundated by water. During the 8-year period, nearly 2.1 million acres each year were converted to urban and built-up areas. About 30 percent of the land converted to urban and built-up areas each year comes from cropland.

Cropland declined from 431 million to 400 million acres. This decline occurred in 8 of the 10 farm production regions. The exceptions were the Delta states region, where there was a slight increase in cropland acreage, and the Mountain region, where the acreage remained about the same. Forest land declined from 445 million to 375 million acres. The major decline occurred in the Mountain region. Pastureland and rangeland increased significantly, from 507 million to 571 million acres. Gains occurred in every region. Land in other uses also increased from 57 to 70 million acres.

About 111 million acres now in pasture and range, forest, or other land uses have high or medium potential for conversion to cropland. Of this land, 35 million acres have no development problems and can be converted to cropland simply by beginning tillage. The remaining 76 million acres have problems that will require additional expense and effort to convert them to cropland. Examples of these problems are high density forest, seasonal high water table, or high erosion hazard.

Contents

Introduction

Increasing national and world needs for agricultural products indicate that cropland will be used more intensively and that other land, some of it marginal, will be converted to cropland. But energy and environmental requirements may limit the use of the marginal land for cropping. Urban development is taking place on some of the Nation's best cropland. These factors may determine our future cropland base and potential for growing food and fiber.

The Soil Conservation Service (SCS) has recently completed a study of nonfederal land that provides up-to-date statistical data at national and regional levels on (1) the potential for converting land in other use to cropland, (2) the extent of land that can be readily converted, (3) the problems related to developing this land for crop production, and (4) land use changes and trends. The Economic Research Service and Iowa State University Statistical Laboratory assisted in designing this study.

Some of the sample plots from the 1967 Conservation Needs Inventory[1] were used in this study. In designing the study, 506 counties were randomly selected and stratified for the 50 states and the Caribbean area. A random selection of nine of the 1967 plots per county was made, and an average of 9 points per plot was selected. This gave a total of 41,000 points for the study. Typically, plots were 160 acres, but they varied in size. A computer printout for the selected points provided the soil, slope, erosion, and capability subclass. SCS field offices entered data on land use, problems that must be considered, development necessary, and potential for conversion to cropland on the printout.

SCS field personnel visited the selected points and determined land use and the problems that must be considered and the development necessary before land in pasture and range, forest, and other uses could be converted to cropland. After the field data were collected, SCS specialists met with those from other agricultural agencies to determine the potential for conversion of all points not now in cropland. Completed data forms were returned to the Statistical Laboratory for expansion to the total nonfederal land base in each state and the Caribbean area and summarized by farm production region (fig. 1) and by national area. These farm production regions have been used for many years to group agricultural data.[2] The study does not provide state data at usable levels of reliability. Detailed tabular data are given in appendix I and information on data reliability for national estimates in appendix II.

Land use changes and trends

National

Changes in land use at the national level are shown in figure 2. The net changes are of major interest, but shifts between land uses are also important. About 79.2 million acres have gone out of cropland since 1967, but 48.7 million acres have been converted to cropland during the same period. The net loss to cropland has been 30.5 million acres, leaving a total of 400.4 million acres in cropland.

Of the nearly 17 million acres converted to urban and built-up areas during the 8-year period, about 60 percent was land in capability classes I-III (appendix table 1a). Capability classes are shown in Arabic instead of Roman numerals in the tables. Of the nearly 7 million acres converted to water during the same period, about 40 percent was land in capability classes I-III. (See appendix III for a definition of capability classes.)

Nearly 30 percent of the land converted to urban and built-up areas each year comes from cropland, indicating a cropland loss of about 0.6 million acres each year (appendix table 2a). About 10 percent of the land converted to water areas each year comes from cropland. Most comes from land in other uses. The conversion to urban and built-up areas and water is occurring at a greater rate than previously estimated.[3]

[1]U.S. Department of Agriculture. Basic statistics—national inventory of soil and water conservation needs. Stat. Bull. 461. 211 p. 1971

[2]U.S. Department of Agriculture. Soil and water conservation needs—a national inventory, 1958. Misc. Pub. 971. 94 p. 1965.

[3]Economic Research Service, U.S. Department of Agriculture. Our land and water resources—current and prospective supplies and uses. Misc. Pub. 1290. 1974.

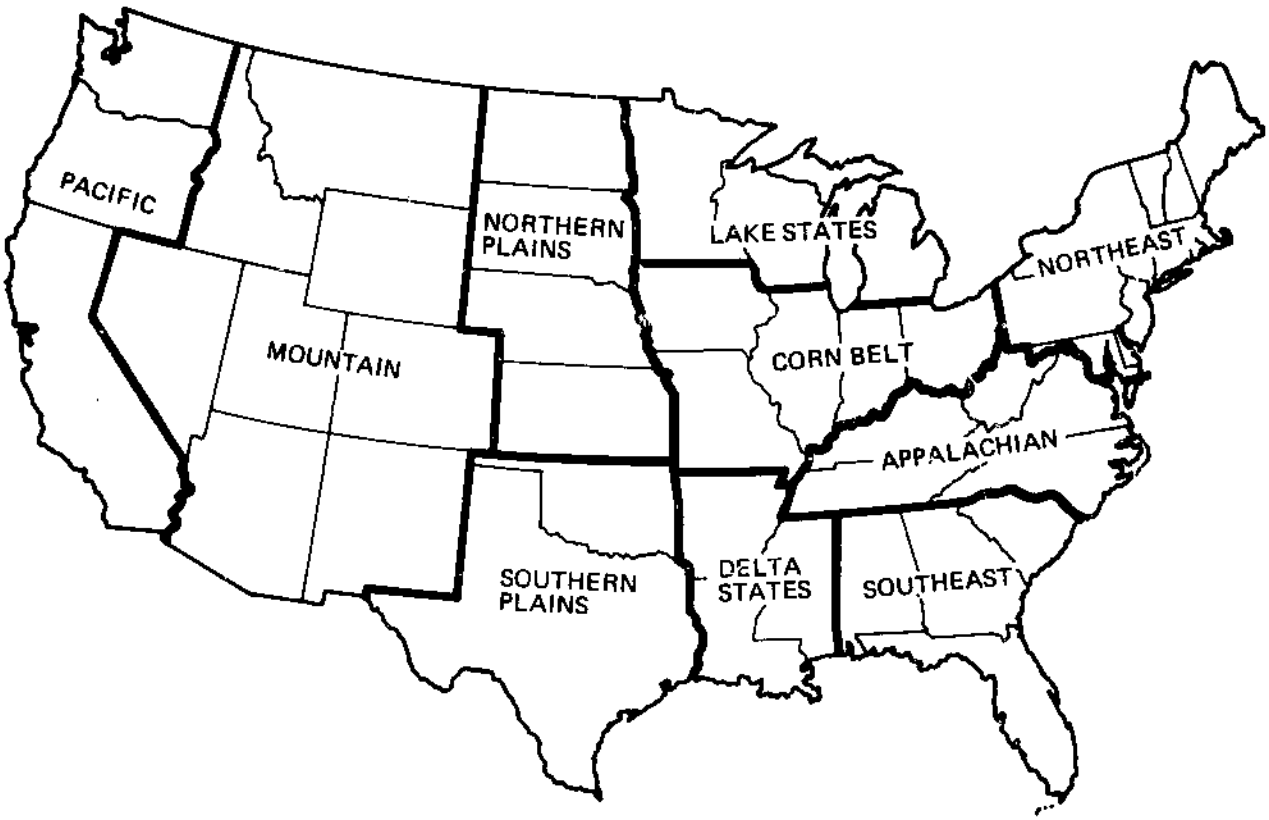

Figure 1.—Farm production regions in the United States.

Another 24 million acres are currently being held for urban use (appendix table 3a). However, some of these acres were held before 1967.

Pastureland and rangeland increased by 64 million acres during the 1967 to 1975 period to a total of about 570.9 million acres. Forest land declined by about 70 million acres to a total of about 375 million acres (appendix table 2a). Acreage of land in other uses increased by 13 million acres to a total of about 70 million acres.

The quality of cropland has been improved by shifts in land use. In 1975, 86 percent (344 million acres) of America's cropland (400 million acres) was in capability classes I-III, compared with 83 percent in 1967 and 1958.[4] In 1975 only 10 percent of the cropland was in capability class IV, compared with 11 percent in 1967 and 1958. Cropland in capability classes V-VIII also declined — in 1975 it was 4 percent, compared with 5 percent in 1967 and 6 percent in 1958. Although the proportion of better land in crops was higher in 1975 than in 1967, farmers and ranchers lost nearly 14 million acres of cropland in classes I-III to other uses during this period.

Wetlands

Although the study was not designed to inventory wetlands, their potential for conversion to cropland was examined. Over 13.5 million acres of nonfederal forest, pasture, range, and other land were classed as wetland types 3 to 20. Of this amount, only a little more than 1 percent had a high or medium potential for conversion. In addition, this conversion could be done onfarm, which suggests that these wetlands are small, within a single ownership unit, and associated with cropland.

Wet soils have been converted to cropland in the past, but few wet soils that qualify as wetlands were converted between 1967 and 1975. While this slowdown was taking place, many new acres of wetlands were created. About 7 million acres of land were covered by water. Associated with this water are many miles of shoreline and extensive back-swamp acres that, for the most part, were not present or so well

[4]See footnotes 1 and 2 on p. 1.

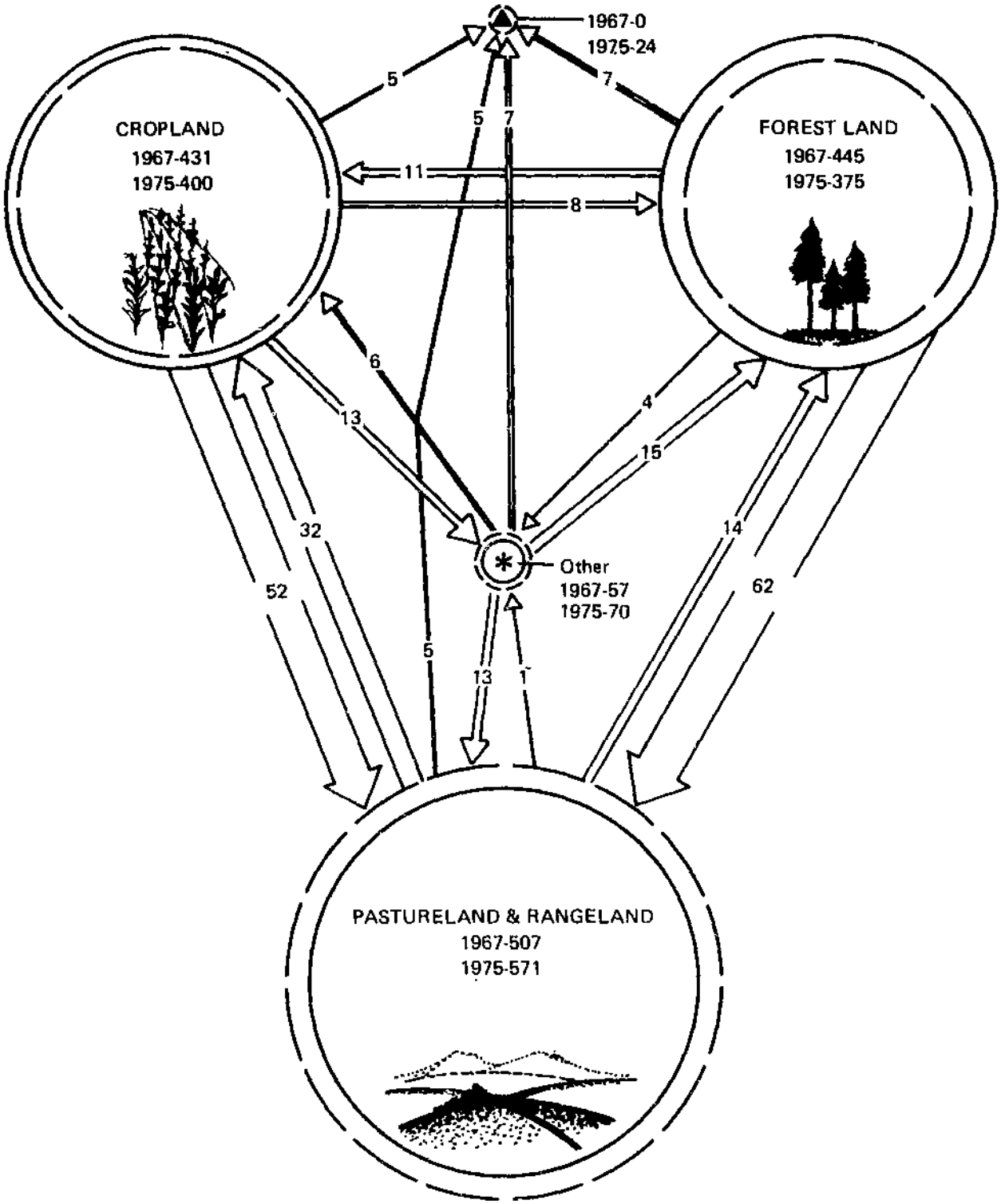

Figure 2.—Land use conversions between 1967 and 1975 (*million acres*).

TABLE 1.—Land use by farm production region—1958, 1967, and 1975
[thousand acres]

Region	Cropland			Pasture and range			Forest			Other land		
	1958	1967	1975	1958	1967	1975	1958	1967	1975	1958	1967	1975
Northeast	20,907	21,169	17,344	7,991	6,334	7,345	65,913	76,170	62,965	7,832	5,318	9,065
Lake states	44,887	46,568	44,194	8,811	7,914	7,989	46,474	46,024	42,519	9,101	7,443	11,876
Corn Belt	94,720	92,427	86,729	21,935	23,492	29,262	28,078	29,602	25,516	8,533	6,212	7,502
Northern Plains	93,896	94,188	90,764	83,902	81,653	85,043	3,672	2,836	1,511	2,467	3,929	4,132
Appalachian	27,362	23,406	20,308	15,657	18,412	21,874	64,014	65,230	63,066	6,148	4,060	3,410
Southeast	20,385	19,286	16,519	13,930	13,558	18,810	70,392	73,293	65,236	8,313	5,325	5,006
Delta states	20,719	19,145	20,239	9,331	12,166	12,475	48,559	47,199	44,401	4,724	4,115	4,565
Southern Plains	56,251	48,023	41,062	109,447	119,497	139,227	33,737	31,056	16,665	2,945	2,651	1,782
Mountain	42,489	40,629	40,633	182,583	188,539	208,658	42,165	35,813	14,569	8,680	9,548	9,345
Pacific	25,776	25,337	21,926	31,130	33,306	37,998	46,647	43,029	36,408	7,528	7,002	10,915
AK, HI, PR, VI	338	1,063	669	648	1,983	2,220	3,079	3,300	2,593	772	1,667	2,232

defined before the water impoundments. Future conversion of land having a high or medium potential for cropland should not affect the Nation's wetland base. In fact, there is strong evidence that the total acreage of water and associated wetlands will increase rather than decrease in the future.

Farm production regions

The current estimate of cropland in each of the farm production regions is shown in table 1. The statistical data for the 10 farm production regions and an artificial region that includes Alaska, Hawaii, and the Caribbean area are in appendix I.

From 1967 to 1975, cropland acres declined in all but two regions (table 1). In the Mountain region the acreage remained about the same. In the Delta states region the acreage increased by about 1.1 million acres.

Regional data indicate that there have been improvements in the quality of land used for cropland. Table 2 shows the amount of 1975 cropland in capability classes I-III (suited for cultivation and other uses), class IV (suited for only limited production), and in classes V-VIII (should be in grass or trees or other permanent vegetation).

For example, in the Southeast region (Alabama, Georgia, South Carolina, and Florida) the amount of cropland in capability classes V-VIII has declined from 896,000 acres in 1967 to 645,000 acres in 1975.

Significant conversion to urban and built-up areas and water has taken place from 1967 to 1975. Table 3 shows these data by farm production region. The greatest shift to urban and built-up areas (2.8 million acres) occurred in the Northeast region, followed by the Southeast region with 2.6 million acres. The greatest conversion to water (3.3 million acres) occurred in the Southeast region. Most of the land converted to water was in capability classes VII and VIII.

Potential for new cropland and development problems

How much land has the potential for conversion to cropland and with what degree of effort and investment? This study points out some of the problems associated with converting pastureland and rangeland, forest land, and land in other use to cropland.

National

Of a total of nearly 1 billion acres of noncropland in the United States, only about 111 million acres have high and medium potential for conversion to cropland. The production by farm production region is shown in

TABLE 2.—Land capability class of the 1975 cropland acreage by farm production region
[million acres]

Farm production region	Classes I-III	Class IV	Classes V-VIII
Northeast	14	2.0	1.3
Lake states	39	3.7	1.5
Corn Belt	80	4.7	1.6
Northern Plains	78	9.0	4.2
Appalachian	18	1.4	1.3
Southeast	13	2.7	.6
Delta states	19	.6	.9
Southern Plains	36	3.4	1.5
Mountain	30	7.8	2.3
Pacific	17	4.3	1.0
AK, HI, PR, VI	0.4	.1	.2

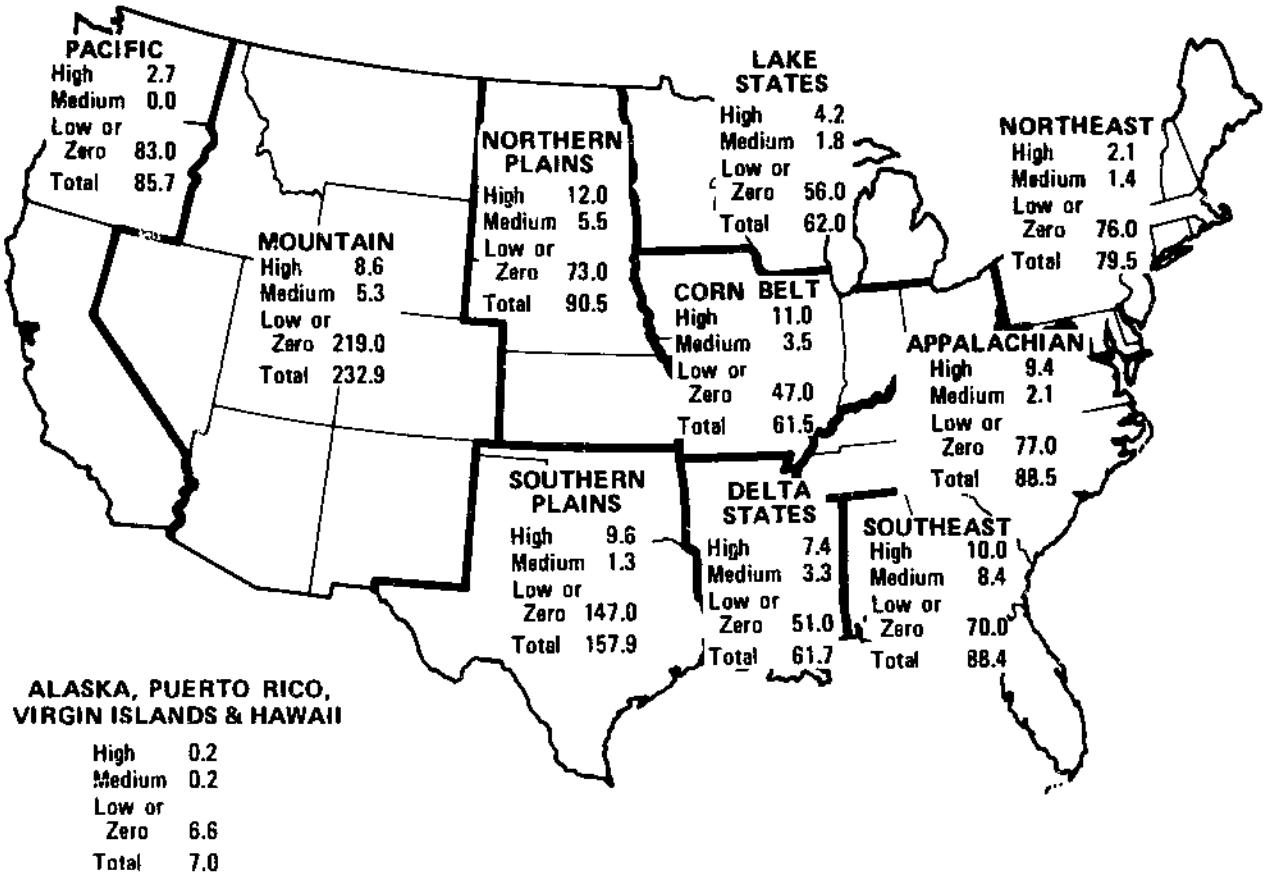

Figure 3.—Land in other uses with high, medium, and low or zero potential for conversion to cropland by farm production region (million acres).

figure 3. In 1967 there were 266 million acres of noncropland in classes I-III which have been called potential cropland.[5] Much of this land may have the physical capability, but location, ownership, or other factors make it unavailable for crop production.

Current land use of the 111 million acres of land with high and medium potential for conversion to cropland is shown in appendix table 4a. If new cropland is needed, most can be gained from land in pasture and range. For all practical purposes, the present forest land and land in other use would yield insignificant amounts of new land for cropping.

Of the 78.3 million acres of land with high potential for conversion to cropland, 34.9 million acres have no problems and conversion can be accomplished by simply beginning tillage. The remaining 43.4 million acres have one or more problems that must be considered before conversion to cropland. For example, 14.1 million acres have a wind and water erosion hazard that will require installation of conservation practices. Such practices are, however, relatively inexpensive and can be installed by individual landowners.

[5]Economic Research Service, U.S. Department of Agriculture. Cropland for today and tomorrow. Agric. Econ. Rep. 291, 1975.

TABLE 3.—Conversion to urban and built-up areas and water between 1967 and 1975, by farm production region [thousand acres]

Region	Urban	Water
Northeast	1,318	110
Lake states	1,231	140
Corn Belt	2,149	575
Northern Plains	867	289
Appalachian	2,183	269
Southeast	2,615	3,275
Delta states	800	144
Southern Plains	1,170	1,321
Mountain	1,242	82
Pacific	1,318	110
AK, HI, PR, VI	263	26

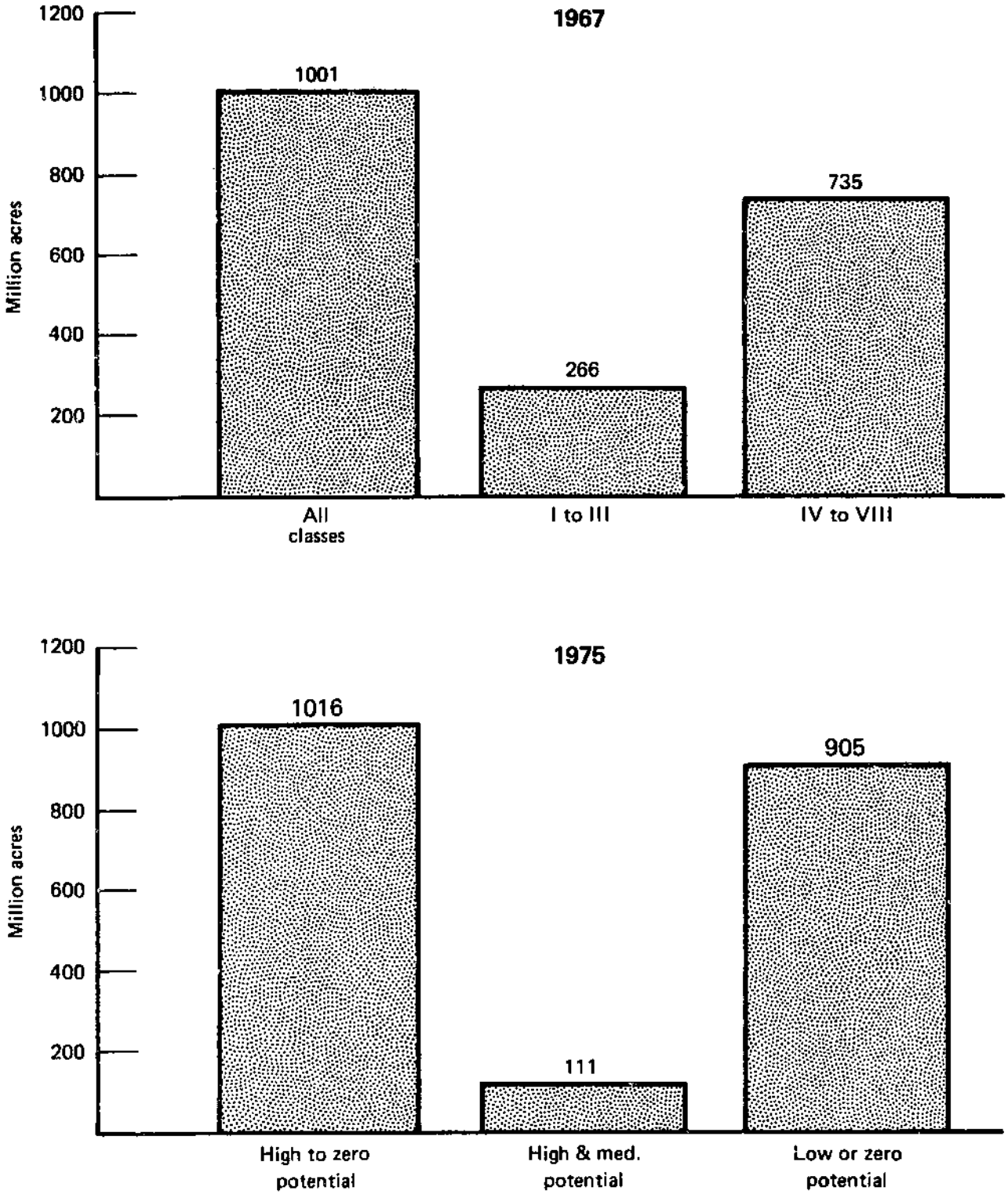

Figure 4.—Total nonfederal land in uses other than cropland in 1967 by capability class and by potential for conversion in 1975.

Nearly 33 million acres have medium potential for conversion to cropland. Most of this land will require significant investments if converted to cropland.

About 905 million acres have low or zero potential for conversion to cropland. Some of this land is committed to noncropland use (220 million acres), has a high erosion hazard (224 million acres), or supports a high density forest (179 million acres). About 20 percent of the low and zero potential land is in capability classes I-III, but problems with conversion are such that it is unlikely that this high-quality land will be used for cropland.

Farm production regions

The acreage with high and medium potential for conversion to cropland in each farm production region and the total 1975 cropland acreage are shown in figure 4. In most regions, land with high and medium potential for conversion to cropland is now in pasture or range (fig. 5). The exception is the Lake states region where the high-potential acreage is mostly in forest. Figures 6 and 7 show the type of development needed and the major limitations of the land with high potential for conversion to cropland in each of the farm production regions.

Most of the land with high potential for conversion to cropland is in capability classes I-III.

What does the study show ?

The cropland base was 400 million acres in 1975. In addition there were 111 million acres with high and medium potential for conversion to cropland, but only 34.9 million acres can be converted without the application of significant conservation practices.

Although the total cropland in the United States remains about the same as it was in 1967, there is a continuing shift of land going in and out of production. When new land with a potential for conversion to cropland is brought into production, nearly two-thirds of it will have conservation problems that must be addressed. Shifts of 1967 cropland to urban and built-up by 1975 suggest that the investment in conservation has been lost on much of the 17 million acres converted to that use. This may also be true for another 24 million acres being held for future urban use.

The opportunities to gain new cropland without commitments to conservation are already limited in nearly all the farm production regions. The Corn Belt and Southeast regions have more options for converting land to cropland. Farmers and others in the Delta states region recognized the cropland potential during the 8-year period and significantly increased their cropland base. Much of this land was shifted from forest to cropland.

The availability of land that can be converted to cropland and the rate of land lost to irreversible uses suggest that the scarcity of land and the pressures on existing cropland will be greatest in the Northeast, Appalachian, Pacific, and Lake states regions.

Production of food and fiber continues to remain high, even though farmers and ranchers lost nearly 14 million acres of the better cropland to other uses by 1975. Yet, the study indicates that better land makes up a higher proportion of the remaining cropland. If this is correct, soil degradation by cropping marginal lands will decline, and investments in conservation on existing cropland will be more permanent. Even so, there are still about 5 million acres of marginal or worse land that should be retired from cropping.

Few studies have examined the land areas inundated by water. This study shows that about 7 million acres of land in 1967 are classed as water in 1975. More than half of the land area inundated was marginal cropland or land not suitable for cropland, so water development in the United States does not have a serious impact on good cropland. The Southeast region had the greatest amount of land covered by water, and much of this was a result of returning former wetlands to that use. This study suggests that the sites selected for reservoirs, ponds, and manmade water retention structures have not had a serious impact on food and fiber production. The need for stored water will increase, but if sites are carefully selected, this should not present a serious problem in the future.

Why hasn't all the suitable land been converted to cropland in the 150 to 200 years of cropland development? There are many reasons, and this study identifies some of them.

Ownership, size and location of an area, and commitment to other uses set the pace of conversion. For instance, more than 24 million acres of land are now held for urban and built-up use. At least one-half of this acreage is of good quality, but because it is isolated by urban development, zoned for development, or not economically feasible to crop, it remains underused.

The results of this study suggest that there are opportunities for changing urban development in the United States. Instead of outward development, there is plenty of land for inward development of cities and

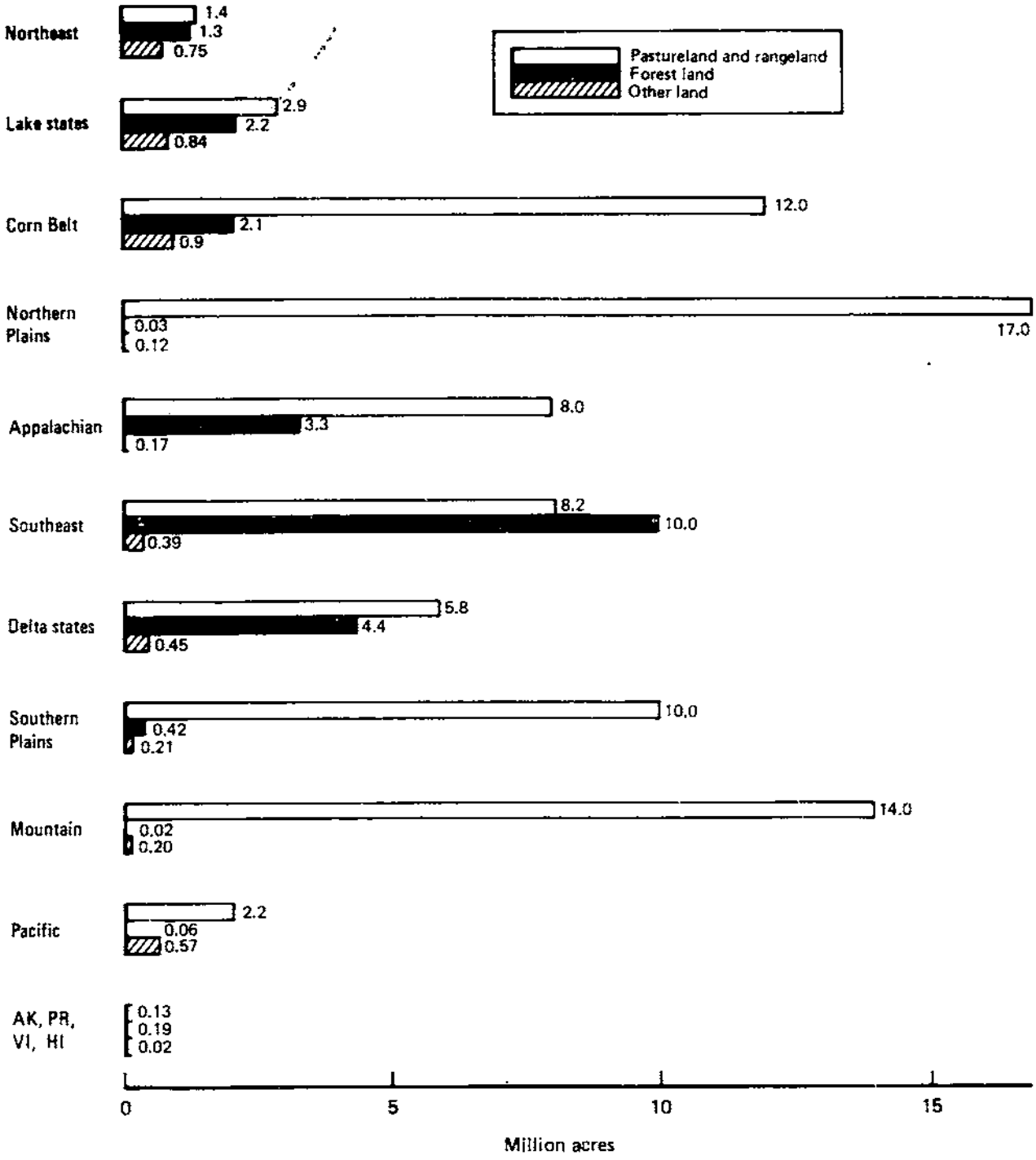

Figure 5.—Present use of land with high and medium potential for conversion to cropland by farm production region.

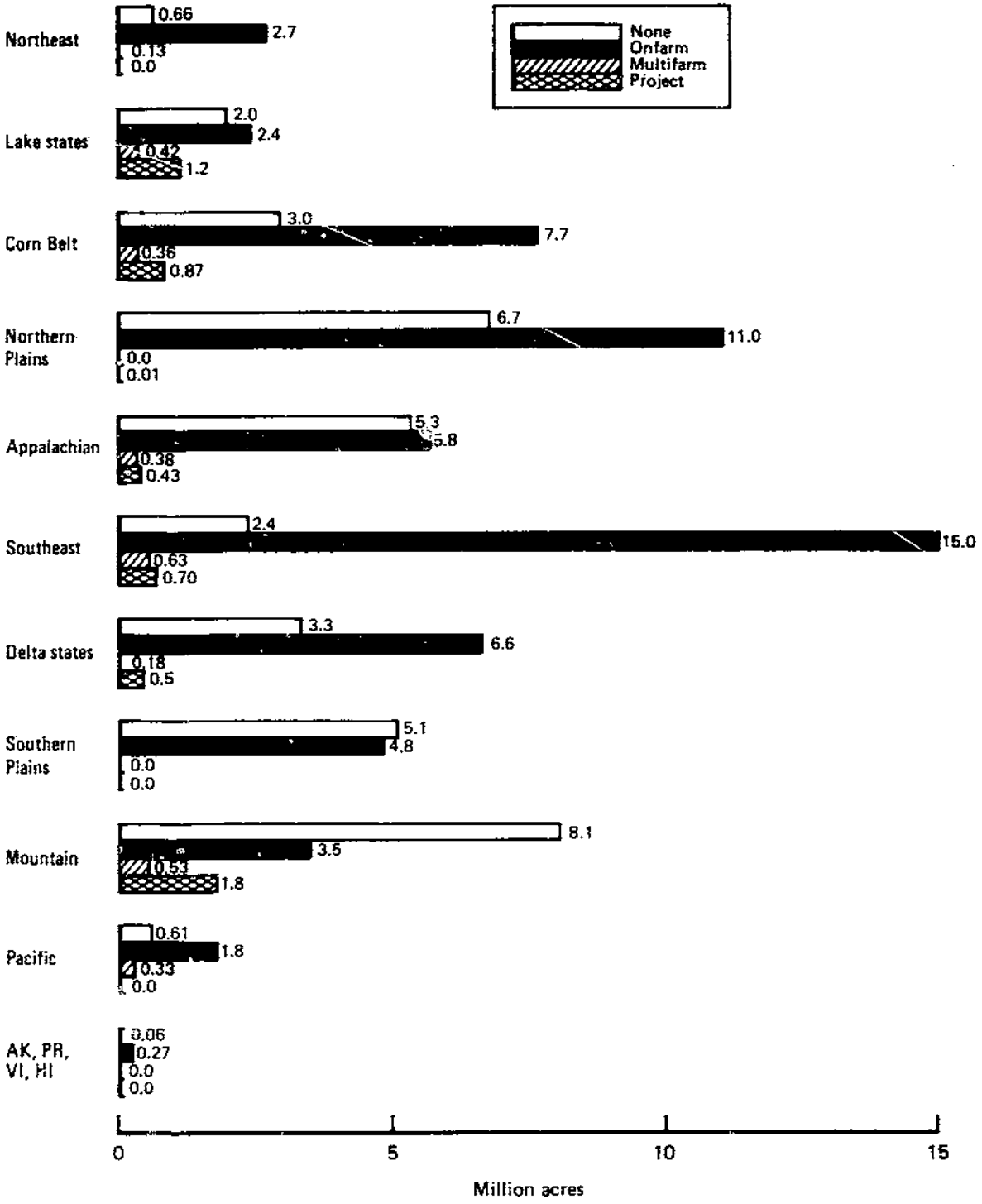

Figure 6.—Land with high and medium potential for conversion to cropland and kind of development needed by farm production region.

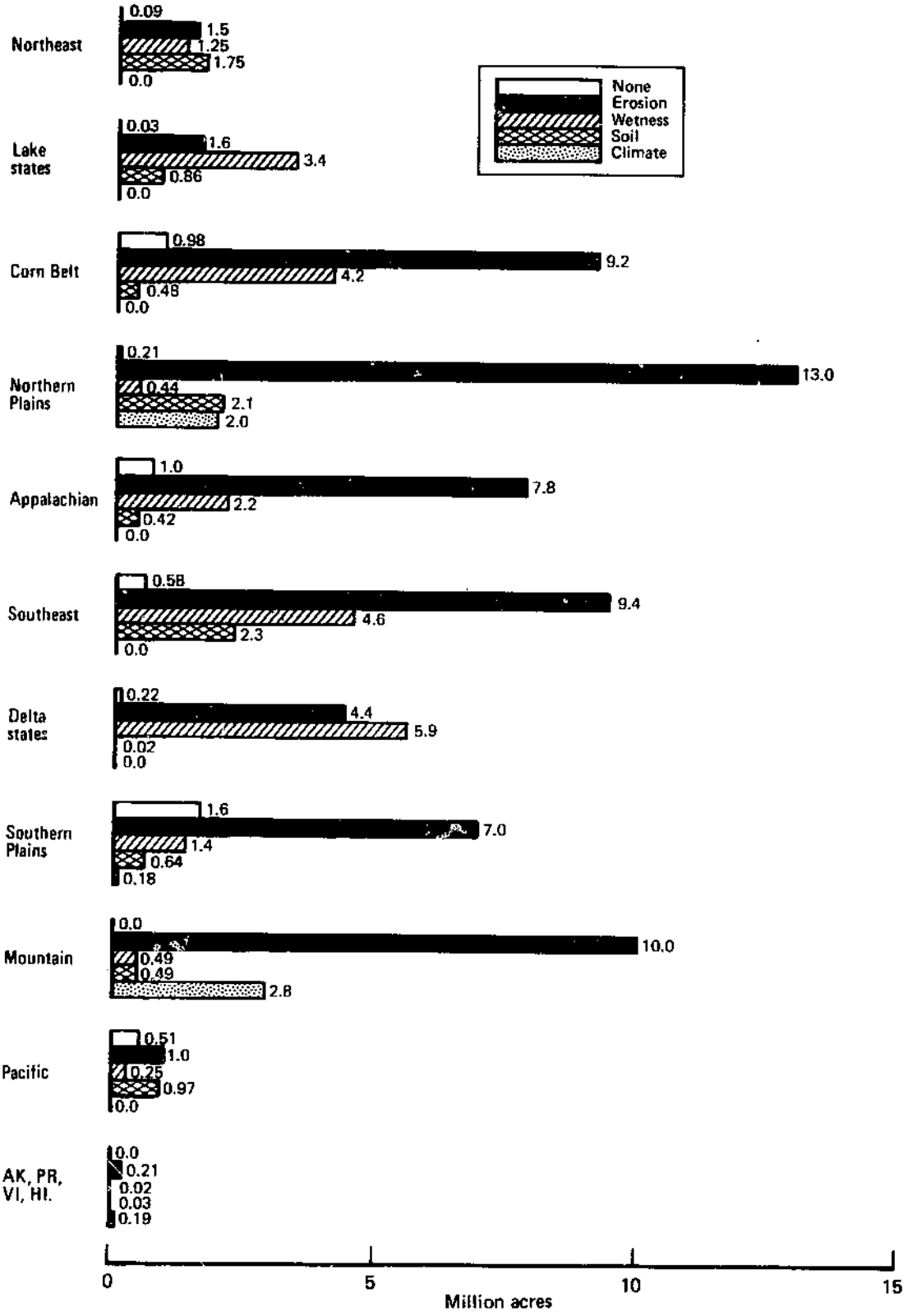

Figure 7.—Major limitations of land with high and medium potential for conversion to cropland by farm production region.

towns to take care of projected population growth for the next few years. Increasing costs of land for urban development,the concerns for retaining prime farmland, and public awareness of the visual qualities of home sites may direct part of urban growth to private land now in forest.

As new land was brought into production between 1967 and 1975, the impact was primarily on privately owned land in forest and other uses. This shift is particularly noticeable in the Delta states region. Pasture and rangeland increased, indicating that there is adequate land for red meat production. However, this could change if the high- and medium-potential land in the Northern and Southern Plains and Mountain regions is converted to cropland.

Is the potential cropland base adequate for future food and fiber needs? It is if existing high-quality cropland is retained and the high- and medium-potential reserve cropland is not committed to irreversible uses. Even so, bringing the potential cropland into production will not be without conservation costs.

This study provides current data on the Nation's nonfederal land resources. It is a starting point in an effort to measure the potential for growing food and fiber and to identify alternative agricultural actions that are in harmony with environmental goals.

Appendix I. Basic Data

Each of the five tables in appendix I is in 12 parts, one for the national summary, one each for the 10 farm production regions, and one for an artificial region that includes Hawaii, Alaska, and the Caribbean area. A brief explanation of the material in each of the five tables and the terms used follows.

Table 1 shows 1975 land use by capability class and subclass for the acreage that was in the 1967 Conservation Needs Inventory (CNI).[1] Columns headed urban and water represent land converted to these uses since the 1967 CNI. Columns headed cropland, pasture and range, forest, and other land, respectively, show the remaining acreage by use and capability class and subclass.

Table 2 shows changes in land use between 1967 and 1975. The totals for the vertical columns for cropland, pasture and range, forest, and other land represent the acres in each land use in 1975. The stub (extreme left column) indicates the land use in 1967. The acreage given in the extreme right column is the total acreage in that use in 1975. The entries on each horizontal line in each of the other vertical columns represent changes in land use. For example, in the national tables, of the 431 million acres classed as cropland in 1967, nearly 352 million acres are still cropland, about 53 million acres have been converted to pasture and range, more than 8 million acres have been converted to forest, nearly 13 million acres have been converted to other uses, almost 5 million acres are now urban and built-up areas, and about 0.6 million acres are now under water. Similar evaluations of land that was in pasture and range, forest, or in other use in 1967 are shown on the other horizontal lines. It is important to reemphasize that the acreage shown as urban and water represents conversion to these uses since the 1967 CNI and is not the total acreage in these uses.

Table 3 shows 1975 data on the potential for conversion of land that is currently in pasture and range, forest, and other land use to cropland. The ratings are high, medium, low, and zero.

High.—High potential for conversion to cropland under 1974 commodity prices, development costs, and production costs. Similar land has been recently converted in the locality.

Medium.—Medium potential for conversion to cropland under 1974 commodity prices, development costs, and production costs.

Low.—Conversion unlikely in foreseeable future because of existing development problems.

Zero.—Virtually no potential for conversion to cropland.

The acreage with high, medium, or low potential was evaluated according to kind of development necessary. The categories used are:

None.—Can be converted by beginning tillage.

Onfarm.—Can be converted through actions by individual farmer.

Multifarm.—Can be converted through informal or formal cooperation between neighbors to install systems.

Project action.—Required for conversion such as RC&D, watershed, Corps of Engineers, Bureau of Reclamation, etc.

The entire acreage of pasture and range, forest, and other land was evaluated according to kind of problem that must be considered before conversion to cropland. The problems considered in the study, along with definitions and examples follow:

None.—No apparent reason why the land could not be used for crops.

Small tract.—A tract of land (this could be a tract with a combination of land in subclasses of I through IV) too small for the efficient use of modern machinery and surrounded by or incorporated with poorer land. Example: In Appalachia, an irregularly shaped 8-acre tract of land in classes I and IIw is bordered by a stream and class VIe land.

Isolated tract.—A tract of land large enough for efficient use of modern machinery but too far from other farmland to be incorporated in an efficient farm unit. Example: In areas where grazing or forestry is the major enterprise, a 100-acre tract of class IIIe land is located several miles from other cultivated land.

Small ownership unit.—An area where small ownership units predominate and farming is a secondary enterprise for rural residents. Example: In the Northeast where rural land ownership units are small, the acreage of land in classes I through IV per ownership

[1] U.S. Department of Agriculture. Basic statistics—national inventory of soil and water conservation needs. U.S. Dept. Agric., Stat. Bull. 461. 211 p. 1971

unit is small and the owner's major source of income is nonfarm.

Held for urban use.—Land very near other land already in urban use and known to be held by a person or corporation for development. This judgment was based on knowledge of the local situation. Current zoning for an urban use is the basis for such categorization. Example: Area is in a tract that has a sign "Owner will build to suit tenant—Zoned I-3."

Committed to noncropland uses.—A tract in a rural use, possibly not as intensive as cropping, but likely to remain in that use. Examples: Land held by lumber and pulp companies and tied to operations that require a continued supply of timber, land in large ranches where the entire enterprise would probably have to change before land would be cropped, land in private wildlife preserve, land in farms dedicated to farmsteads, and night pastures.

Short growing season.—Choice of crops limited to those of low value by short growing season. Example: A growing season of 60 days limits crops to grass, hay, and oats.

Lacking dependable water.—Irrigation supply not dependable for crop production in most years.

High density forest.—High cost for clearing trees and/or stumps.

Environmental impact.—Conversion would have serious impact. Example: Area is within watershed of city water supply and sediment yields from cultivated areas cannot be maintained below the permissible levels established by the water control board.

Erosion control costs.—High costs for erosion control and water disposal systems. Example: Gully heads are advancing; several grade control structures will be needed to prevent dissection of field.

Drainage outlet problem.—Cost of establishing drainage outlet excessive in relation to amount of land that could be brought into production.

Seepage.—Example: Hillside seeps occur for several months each year; interceptor tile will be needed to make field dry enough to cultivate.

Seasonal high water table.—High water table during spring or fall. Tile, open ditch, or other drainage is needed to make field dry enough to cultivate.

Wetland Types 3-20.—As defined in Circular 39, Fish and Wildlife Service, U.S. Department of the Interior.

Common flooding.—Flooding likely to occur at intervals of 5 years or less.

High erosion hazard.—Very high wind or water erosion hazard. Very careful management is required to avoid excessive erosion.

Thick undesirable overburden.—Thick overburden of sand or other undesirable material over more desirable materials. Example: A 20-inch layer of flood-deposited sand and gravel covers a silt loam with high organic matter content. Deep plowing will make a desirable seedbed.

Very low fertility.—Example: Soil has very low base exchange capacity.

Stones or rock outcrop.—Removal of stones on surface is required.

Accumulation of salts.—Leaching is required.

Table 4 shows 1975 data on potential for conversion of land now in pasture and range, forest, and other uses to cropland and the kind of development necessary.

Table 5 shows 1975 data on the potential for conversion of land now in pasture and range, forest, and other uses to cropland by capability class and subclass. The 1975 cropland acreage is also given.

The acreage shown for urban and water represents conversion to these uses since the 1967 CNI. The acreage in the extreme right column represents the 1967 inventory acreage for each capability class and subclass listed.

Table 1a.--National summary of land use in 1975 by capability class and subclass

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	33388980	6150619	2162593	2011521	43713713	1142967	158331	45015011
2E	87594192	32011225	19085897	6319184	145010498	3024380	126821	148161699
2W	60116021	12280904	14973878	4022246	91393049	1262321	526807	93182177
2S	20450742	2714560	2932839	600735	26698876	576740	48720	27324336
2C	19708624	9772755	587811	581592	30650782	55235	0	30706017
3E	70350772	64141567	27591006	7130100	169213445	1883717	151792	171248954
3W	31376759	13605130	26459233	5685439	77130561	1322953	1589632	80043146
3S	11454939	6971638	6969719	1412403	26808699	320311	0	27129010
3C	9661823	3257392	0	125249	13044464	49608	0	13094072
4E	29693256	52829804	26639428	3688795	112851283	1531727	262886	114645896
4W	3968105	7194259	20871338	2653411	34687113	581111	194810	35463034
4S	5904076	9144931	10242864	2121564	27413435	728050	0	28141485
4C	334266	1548504	0	0	1882770	0	0	1882770
5W	1497320	7503453	16839590	2222596	28062959	221779	670436	28955174
5S	31844	1125464	890656	0	2047964	27781	0	2075745
6E	8794249	123060745	37244441	2239091	171338526	1250788	260154	172849468
6W	562472	3750228	6097612	1181867	11592179	53193	49225	11694597
6S	3501723	40740779	31694042	2027682	77964226	414710	29401	78408337
6C	362024	10678892	0	108202	11149118	70874	0	11219992
7 - 8	1664560	162393894	124165115	25698649	313922218	2117368	2639723	318679309
TOTAL	400416747	570880743	375448062	69830326	1416575878	16635613	6708738	1439920229

Table 2a.--National summary of changes in land use between 1967 and 1975

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	351651353	52883790	8265402	12976896	425777441	4846473	617636	431241550
PASTURE AND RANGE	31907204	442351639	14095521	14178060	502532424	3210542	1111535	506854501
FOREST	11026751	62469077	348681283	15801145	437978256	4422411	2152205	444552872
OTHER LAND	5831439	13176237	4405856	26874225	50287757	4156187	2827362	57271306
TOTAL	400416747	570880743	375448062	69830326	1416575878	16635613	6708738	1439920229

Table 3a.--National summary of potential cropland and development necessary by type of problem

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	23187815	641811	345235	645717	13257	1718	0
	ON-FARM	11715919	1943713	473727	1139753	0	610224	65188
	MULTI-FARM	0	26090	0	93529	0	0	0
	PROJECT ACTION	0	12153	795729	0	0	0	0
	TOTAL	34903734	2623767	1614691	1878999	13257	611942	65188
MEDIUM:	NONE	46402	523310	81548	976260	221435	853114	1209799
	ON-FARM	19799	1587891	1587311	631101	383947	4908968	87831
	MULTI-FARM	0	102758	0	0	33244	90344	0
	PROJECT ACTION	0	43646	134490	28271	0	167988	1130758
	TOTAL	66201	2257605	1803349	1635632	638626	6020414	2428388
LOW :	NONE	70998	4362586	2007146	1611650	1554793	7651981	848748
	ON-FARM	139250	22156364	34884990	17220870	7927841	88503269	10416730
	MULTI-FARM	0	750428	993965	1057104	742576	2769947	296213
	PROJECT ACTION	0	2003013	17759110	1289609	706103	24313197	7689864
	TOTAL	210248	29272391	55645211	21179233	10931313	123238394	19251555
ZERO:	- - -	0	11589117	44084504	11069421	12539309	96089072	31392621

Table 3a.--National summary of potential cropland and development necessary by type of problem--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	844891	110224	787185	624769	122572	27917	895056
	ON-FARM	2871537	8272582	731138	5365539	1148486	1092720	8131850
	MULTI-FARM	434143	355712	0	369355	372140	70835	845788
	PROJECT ACTION	1172292	589515	35182	408296	552954	0	1103123
	TOTAL	5322863	9328033	1553505	6767959	2196152	1191472	10975817
MEDIUM:	NONE	48768	46138	0	272766	3905	8465	29671
	ON-FARM	910622	6066315	923214	6882890	639789	428725	2819879
	MULTI-FARM	345088	248605	0	93882	278707	115669	836396
	PROJECT ACTION	612919	675256	1175784	197275	1517129	18010	1879601
	TOTAL	1917397	7036314	2098998	7446813	2439540	570869	5565547
LOW :	NONE	1406431	524066	161543	2013363	121637	76551	669080
	ON-FARM	29540074	75000911	7272656	51388745	11139372	5119096	36564187
	MULTI-FARM	1817577	6390967	305570	1437687	6877870	495984	8158319
	PROJECT ACTION	28822943	11566968	4211062	4162759	5396998	462885	10655823
	TOTAL	61587025	93482912	11950831	59002554	23535877	6154516	56047409
ZERO:	- - -	59897863	84908494	32876191	92998202	19276554	2825539	29714885

Table 3a.--National summary of potential cropland and development necessary by type of problem--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	1104665	4088773	0	1601539	73266	58376
	ON-FARM	72236	2187201	9694204	135239	2869335	1098130	425367
	MULTI-FARM	0	358962	11111	0	365979	335709	11998
	PROJECT ACTION	0	1140068	352114	0	0	0	0
	TOTAL	72236	4790896	14146202	135239	4836853	1507105	495741
MEDIUM:	NONE	0	0	1887784	24679	267206	4828	175421
	ON-FARM	93332	2155905	8762408	3504	2739197	1921250	39708
	MULTI-FARM	0	621431	115236	0	106831	0	0
	PROJECT ACTION	15712	1374015	0	0	1130758	0	131748
	TOTAL	109044	4151351	10765428	28183	4243992	1926078	346877
LOW :	NONE	0	642439	5217293	203626	1255399	687572	33020
	ON-FARM	2489003	17254766	71357192	2740645	34186428	18872030	1241363
	MULTI-FARM	1865533	3358067	1281668	95956	857800	947676	476388
	PROJECT ACTION	1559433	12474993	7328502	105699	5567026	2581095	3402187
	TOTAL	5913969	33730265	85184655	3145926	41866653	23088373	5152958
ZERO:	- - -	7447874	24827931	139135138	3159849	67335076	66957730	4797968

Table 4a.--National summary of potential cropland and development necessary by land use

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	30794671	260010	919341	31974022
	ON-FARM	28301705	12006286	1866897	42174888
	MULTI-FARM	1091440	355712	51255	1498407
	PROJECT ACTION	1869187	719583	30856	2619626
	TOTAL	62057003	13341591	2868349	78266943
MEDIUM:	NONE	4894499	46138	225817	5166454
	ON-FARM	13846315	8481315	1038001	23365631
	MULTI-FARM	734150	656751	84909	1475810
	PROJECT ACTION	617256	1683521	495857	2796634
	TOTAL	20092220	10867725	1844584	32804529
LOW :	NONE	15471065	657623	1642222	17770910
	ON-FARM	120926162	92665653	11084933	224676748
	MULTI-FARM	4207341	8845548	1798410	14851299
	PROJECT ACTION	36428443	15079338	1724178	53231959
	TOTAL	177033011	117248162	16249743	310530916
ZERO:	- - -	311698509	233990584	48867650	594556743
TOTAL	- - - - -	570880743	375448062	69830326	1016159131

Table 5a.--National summary of status of 1967 CNI acreage in 1975 by capability class and subclass

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	5090909	343449	3001706	1888669	33388980	1301298	45015011
2E	19987205	3749759	25486208	8193134	87594192	3151201	148161699
2W	9545173	2068993	13420026	6242836	60116021	1789128	93182177
2S	2117360	268079	2651460	1211235	20450742	625460	27324336
2C	1914185	729433	7378155	920385	19708624	55235	30706017
3E	17238672	8605336	56455016	16563649	70350772	2035509	171248954
3W	6022414	2573966	26962842	10194580	31376759	2912585	80043146
3S	2357201	1257014	9033330	2706215	11454939	320311	27129010
3C	1215413	267633	1787513	112082	9661823	49608	13094072
4E	5866362	4384860	52242711	20664094	29693256	1794613	114645896
4W	1674991	1565655	16281760	11192602	3968105	775921	35463034
4S	842188	767062	12718778	7181331	5904076	728050	28141485
4C	0	337659	1062356	148489	334266	0	1882770
5W	476139	1991435	14319064	9779001	1497320	892215	28955174
5S	4429	0	1927356	84335	31844	27781	2075745
6E	3202289	2394285	33312554	123635149	8704249	1510942	172849468
6W	39906	152903	3609797	7227101	562472	102418	11694597
6S	441611	1084192	21086904	51849796	3501723	444111	78408337
6C	230496	256816	7793380	2504402	362024	70874	11219992
7 - 8	0	0	0	312257658	1664560	4757091	318679309
TOTAL	78266943	32804529	310530916	594556743	400416747	23344351	1439920229

Table 1b.--Land use in 1975 by capability class and subclass, Northeast region

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	980860	40160	261825	102093	1384938	68499	0	1453437
2E	5294459	1025489	3264407	1013469	10597824	582915	49841	11230580
2W	2085166	651029	1688931	593809	5018935	159013	16094	5194042
2S	347572	165831	285590	93059	896052	190872	0	1086924
3E	2562534	1062115	3821645	1555220	9001514	398899	0	9400413
3W	2386986	1047239	3562745	1388802	8385772	264430	294800	8945002
3S	409387	108450	1650727	163372	2331936	107528	0	2439464
4E	1024956	768608	3256992	744645	5795201	115767	7148	5916116
4W	785884	556303	1411331	395153	3148671	40074	0	3188745
4S	215741	60578	490233	27844	794396	6765	0	801161
5W	11571	79073	867384	72536	1030564	9316	19711	1059591
5S	8290	106356	30354	0	145000	0	0	145000
6E	437404	260097	1157907	234484	2089892	23791	13366	2127049
6W	61339	48041	800438	69922	979740	53193	9029	1041962
6S	567885	809626	18881552	554870	20813933	198839	9514	21022286
7 - 8	164149	552087	21532779	2055589	24304604	575860	57583	24938047
TOTAL	17344183	7345082	62964840	9064867	96718972	2795761	477086	99991819

Table 2b.--Changes in land use between 1967 and 1975, Northeast region

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	13634103	2882350	1654619	2332588	20503660	658659	7148	21169467
PASTURE AND RANGE	1475782	2818024	922558	935929	6152293	171208	10558	6334059
FOREST	1397289	1274400	59508714	3562043	65742446	1026275	401132	67169853
OTHER LAND	837009	370308	878949	2234307	4320573	939619	58248	5318440
TOTAL	17344183	7345082	62964840	9064867	96718972	2795761	477086	99991819

Table 3b.--Potential cropland and development necessary by type of problem, Northeast region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	396600	7189	0	18524	13257	1718	0
	ON-FARM	118405	79492	15900	41021	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	515005	86681	15900	59545	13257	1718	0
MEDIUM:	NONE	0	787	0	7915	25848	19511	0
	ON-FARM	0	112194	0	130555	125501	171827	0
	MULTI-FARM	0	0	0	0	0	19926	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	112981	0	138470	151349	211264	0
LOW :	NONE	0	63290	4649	62497	142107	112904	0
	ON-FARM	0	1167525	6618705	1230963	721295	4960427	0
	MULTI-FARM	0	22386	313173	138257	78204	238660	0
	PROJECT ACTION	0	51361	456296	21015	32663	1180245	0
	TOTAL	0	1304562	7394823	1452732	974269	6492236	0
ZERO:	- - -	0	1910832	4743108	2042203	1747824	8986655	23333

Table 3b.--Potential cropland and development necessary by type of problem, Northeast region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	25798	0	0	51743	0	0	53381
	ON-FARM	25082	566788	29128	123241	90953	189804	576706
	MULTI-FARM	0	0	0	0	0	0	991
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	50880	566788	29128	174984	90953	189804	631078
MEDIUM:	NONE	0	0	0	4828	3905	8465	4821
	ON-FARM	6564	540013	5670	48202	36564	100972	295879
	MULTI-FARM	0	100080	0	93882	16987	0	32747
	PROJECT ACTION	0	4734	0	0	9468	0	9468
	TOTAL	6564	644827	5670	146912	66924	109437	342915
LOW :	NONE	0	30356	0	52321	47634	0	56807
	ON-FARM	290465	13172328	496359	2505905	701410	2934414	5737713
	MULTI-FARM	20688	737916	57808	290031	529541	71221	1079886
	PROJECT ACTION	14976	1558749	57069	73206	115659	175871	427401
	TOTAL	326129	15499349	611236	2921463	1394244	3181506	7301807
ZERO:	- - -	461325	21410474	3561122	8074879	2623554	1424274	5775796

Table 3b.--Potential cropland and development necessary by type of problem, Northeast region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	0	50915	0	0	23694	0
	ON-FARM	21792	66882	170883	0	32159	201026	0
	MULTI-FARM	0	991	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	21792	67873	221798	0	32159	224720	0
MEDIUM:	NONE	0	0	10188	0	7915	4828	0
	ON-FARM	0	4869	37562	3504	80838	308240	0
	MULTI-FARM	0	15760	0	0	71533	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	20629	47750	3504	160286	313068	0
LOW :	NONE	0	0	32491	0	106435	92793	0
	ON-FARM	92800	468355	911893	15102	3127725	9380930	0
	MULTI-FARM	0	143921	10736	0	350202	104419	0
	PROJECT ACTION	8001	111061	111985	0	677486	640962	0
	TOTAL	100801	723337	1067105	15102	4261848	10219104	0
ZERO:	- - -	562988	1504376	4660664	94601	4955180	11312186	1933

Table 4b.--Potential cropland and development necessary by land use, Northeast region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	449267	15140	120907	585314
	ON-FARM	570246	643806	336728	1550780
	MULTI-FARM	991	0	0	991
	PROJECT ACTION	0	0	0	0
	TOTAL	1020504	658946	457635	2137085
MEDIUM:	NONE	48797	0	18550	67347
	ON-FARM	299921	609903	250706	1160530
	MULTI-FARM	72386	41422	25696	139504
	PROJECT ACTION	4734	4734	0	9468
	TOTAL	425838	656059	294952	1376849
LOW :	NONE	279594	33398	116538	429530
	ON-FARM	3126552	14548704	2076021	19751277
	MULTI-FARM	544933	930003	353872	1828808
	PROJECT ACTION	127633	1633635	17012	1778280
	TOTAL	4078712	17145740	2563443	23787895
ZERO:	- - -	1820028	44504095	5748837	52072960
TOTAL	- - - - -	7345082	62964840	9064867	79374789

Table 5b.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Northeast region

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	89946	6803	217266	90063	980860	68499	1453437
2E	377485	197458	2492650	2235772	5294459	632756	11230580
2W	361763	148726	1375964	1047316	2085166	175107	5194042
2S	91826	24208	192004	240442	347572	190872	1086924
3E	429848	291356	2448209	3269567	2562534	398899	9400413
3W	282285	171199	3016924	2528378	2386986	559230	8945002
3S	24604	50189	1055154	792602	409387	107528	2439464
4E	114745	67733	1648355	2939412	1024956	122915	5918116
4W	175781	54264	1142982	989760	785884	40074	3188745
4S	7421	34512	237412	299310	215741	6765	801161
5W	70103	0	450361	498529	11571	29027	1059591
5S	4429	0	117216	15065	8290	0	145000
6E	0	2664	418148	1231676	437404	37157	2127049
6W	11094	13515	89986	803806	61339	62222	1041962
6S	95755	314222	8885264	10950807	567885	208353	21022286
7 - 8	0	0	0	24140455	164149	633443	24938047
TOTAL	2137085	1376849	23787895	52072960	17344183	3272847	99991819

Table 1c.--Land use in 1975 by capability class and subclass, Lake states region

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	2119457	29507	39204	118525	2306693	28194	0	2334887
2E	11830944	693373	3421556	1215300	17161173	303071	0	17464244
2W	13178021	1191282	2131428	902296	17403027	107635	0	17510662
2S	1972464	102441	392171	152772	2619848	0	0	2619848
2C	0	0	264188	0	264188	0	0	264188
3E	4590530	1053831	3974608	784538	10403507	211465	0	10614972
3W	4221626	966342	3007144	1568973	9764085	151632	91962	10007679
3S	1069358	391197	1441702	394549	3296806	54737	0	3351543
4E	1655831	746810	2128973	520312	5051926	125822	0	5177748
4W	756974	163732	6803026	1533682	9257414	45811	0	9303225
4S	1268759	331844	4045478	561010	6207091	110043	0	6317134
5W	22449	101707	1585455	1138573	2848184	0	0	2848184
6E	503847	610848	1215049	180021	2509765	27196	0	2536961
6W	239509	223802	1844964	368955	2677230	0	0	2677230
6S	526389	273431	3449044	424558	4673422	0	0	4673422
7 - 8	237363	1108937	6774692	2012398	10133390	65806	48477	10247673
TOTAL	44193521	7989084	42518682	11876462	106577749	1231412	140439	107949600

Table 2c.--Changes in land use between 1967 and 1975, Lake states region

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	39709347	2950669	865691	2457665	45983372	584528	0	46567900
PASTURE AND RANGE	2235654	3446981	783010	1401161	7866806	47590	0	7914396
FOREST	1163352	1240610	40193134	3165025	45762121	191960	70135	46024216
OTHER LAND	1085168	350824	676847	4852611	6965450	407334	70304	7443088
TOTAL	44193521	7989084	42518682	11876462	106577749	1231412	140439	107949600

Table 3c.--Potential cropland and development necessary by type of problem, Lake states region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	748045	49483	16974	0	0	0	0
	ON-FARM	335942	67142	57303	0	0	57303	31727
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	1083987	116625	74277	0	0	57303	31727
MEDIUM:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	0	0	0	0	81829	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	28271	0	0	1130758
	TOTAL	0	0	0	28271	0	81829	1130758
LOW :	NONE	0	328229	54839	356206	213656	207901	0
	ON-FARM	45192	576809	3093363	1227764	424001	7460760	1895995
	MULTI-FARM	0	55663	36842	65993	60361	595318	0
	PROJECT ACTION	0	30716	91066	75138	0	2155639	1134555
	TOTAL	45192	991417	3276110	1725101	698018	10419618	3030550
ZERO:	- - -	0	1296822	7214775	655466	883483	9841432	6077350

Table 3c.--Potential cropland and development necessary by type of problem, Lake states region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	733032	0	0	104754	0	0	103256
	ON-FARM	116451	556658	24483	106040	138501	40012	868097
	MULTI-FARM	0	0	0	33646	317314	70835	317314
	PROJECT ACTION	0	35182	35182	0	0	0	0
	TOTAL	849483	591840	59665	244440	455815	110847	1288667
MEDIUM:	NONE	48768	0	0	0	0	0	0
	ON-FARM	0	351420	0	61476	0	0	267704
	MULTI-FARM	0	0	0	0	38661	0	38661
	PROJECT ACTION	0	0	1130758	28271	1130758	0	1130758
	TOTAL	48768	351420	1130758	89749	1169419	0	1437123
LOW :	NONE	0	0	117020	21931	0	0	114573
	ON-FARM	324732	11031831	702865	2416343	1789162	25389	5199251
	MULTI-FARM	63087	1095304	0	555406	1394475	192092	1089525
	PROJECT ACTION	0	1537396	585362	84646	1172721	0	810680
	TOTAL	387819	13664533	1405247	3078326	4356358	217481	7214029
ZERO:	- - -	232757	13361690	2300588	3021020	6214466	27352	5580527

Table 3c.--Potential cropland and development necessary by type of problem, Lake states region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	0	402624	0	893133	0	0
	ON-FARM	0	0	176420	77678	53127	48247	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	35182	0	0	0	0
	TOTAL	0	0	614226	77678	946260	48247	0
MEDIUM:	NONE	0	0	46447	0	48768	0	0
	ON-FARM	38520	38520	0	0	0	0	0
	MULTI-FARM	0	0	31384	0	0	0	0
	PROJECT ACTION	15712	15712	0	0	1130758	0	0
	TOTAL	54232	54232	77831	0	1179526	0	0
LOW :	NONE	0	0	416420	0	54839	0	0
	ON-FARM	788085	575679	3073905	26015	2989226	480496	0
	MULTI-FARM	968524	525218	57389	0	162472	0	0
	PROJECT ACTION	479714	484995	29767	0	599256	792598	0
	TOTAL	2236323	1585892	3577481	26015	3805793	1273094	0
ZERO:	- - -	3614710	1699499	3489234	141799	5483229	2575834	0

Table 4c.--Potential cropland and development necessary by land use, Lake states region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	1564191	0	372420	1936611
	ON-FARM	761466	1067325	66712	1895503
	MULTI-FARM	350960	0	0	350960
	PROJECT ACTION	0	35182	0	35182
	TOTAL	2676617	1102507	439132	4218256
MEDIUM:	NONE	95215	0	0	95215
	ON-FARM	70789	351420	38941	461150
	MULTI-FARM	70045	0	0	70045
	PROJECT ACTION	0	794467	380274	1174741
	TOTAL	236049	1145887	419215	1801151
LOW :	NONE	503339	0	420912	924251
	ON-FARM	1899160	12469263	2640167	17008590
	MULTI-FARM	373895	1557236	586830	2517961
	PROJECT ACTION	115227	1700595	722829	2538651
	TOTAL	2891621	15727094	4370738	22989453
ZERO:	- - -	2184797	24543194	6647377	33375368
TOTAL	- - - - -	7989084	42518682	11876462	62384228

Table 5c.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Lake states region

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	33056	0	78337	75843	2119457	28194	2334887
2E	637205	70219	3237528	1385277	11830944	303071	17464244
2W	1020865	258384	2099985	845772	13178021	107635	17510662
2S	203360	0	134774	309250	1972464	0	2619848
2C	0	0	264188	0	0	0	264188
3E	702241	46447	2668116	2396173	4590530	211465	10614972
3W	739151	79405	3107070	1616833	4221626	243594	10007679
3S	387626	79771	1104393	655658	1069358	54737	3351543
4E	85950	33207	1566676	1710262	1655831	125822	5177748
4W	137710	0	3221203	5141527	756974	45811	9303225
4S	248844	48768	2525089	2115631	1268759	110043	6317134
5W	0	1153566	141884	1530285	22449	0	2848184
6E	0	31384	936506	1038028	503847	27196	2536961
6W	0	0	868226	1569495	239509	0	2677230
6S	22248	0	1035478	3089307	526389	0	4673422
7 - 8	0	0	0	9896027	237363	114283	10247673
TOTAL	4218256	1801151	22989453	33375368	44193521	1371851	107949600

Table 1d.--Land use in 1975 by capability class and subclass, Corn Belt region

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	10463175	1326950	568646	477963	12836734	205373	155141	13197248
2E	19342296	4113699	1106774	1579437	26142206	492269	17301	26651776
2W	27594370	2357729	2002105	1297732	33251936	349435	70582	33671953
2S	1121504	406615	240717	34540	1803376	43369	17922	1864667
3E	12880538	6631225	1981373	1200847	22693983	255356	0	22949339
3W	8055046	1044243	1329420	642603	11071312	174273	46546	11292131
3S	846528	693013	229228	104899	1873668	34810	0	1908478
4E	3812627	3668743	2917062	579606	10978038	166075	136519	11280632
4W	284442	22861	67119	18785	393207	26276	0	419483
4S	706357	1689511	914157	193596	3504021	18444	0	3522465
5W	185555	423101	212789	122395	943840	85196	0	1029036
6E	1062867	3058664	3313998	501211	7936940	115777	31807	8084524
6W	0	0	0	79326	79326	0	0	79326
6S	83776	762223	1458928	49576	2354503	24456	19887	2398846
7 - 8	290160	3062614	9173857	619818	13146649	157894	79047	13383590
TOTAL	86729241	29261991	25516173	7502334	149009739	2149003	574752	151733494

Table 2d.--Changes in land use between 1967 and 1975, Corn Belt region

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	79318424	8445508	1031516	2708971	91504419	822240	100824	92427483
PASTURE AND RANGE	4929645	14927669	1669198	1503577	23030089	288382	173208	23491679
FOREST	1299861	4508759	22220911	1141156	29170687	279890	151910	29602487
OTHER LAND	1181311	1380055	594548	2148630	5304544	758491	148810	6211845
TOTAL	86729241	29261991	25516173	7502334	149009739	2149003	574752	151733494

Table 3d.--Potential cropland and development necessary by type of problem, Corn Belt region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	2241847	160784	0	16155	0	0	0
	ON-FARM	2363667	747145	55120	208786	0	129282	0
	MULTI-FARM	0	26090	0	0	0	0	0
	PROJECT ACTION	0	0	127881	0	0	0	0
	TOTAL	4605514	934023	183001	224941	0	129282	0
MEDIUM:	NONE	0	92891	0	66526	20073	23993	0
	ON-FARM	0	470792	38743	30276	0	144530	0
	MULTI-FARM	0	43371	0	0	0	0	0
	PROJECT ACTION	0	17100	0	0	0	52405	0
	TOTAL	0	624154	38743	96802	20073	220928	0
LOW :	NONE	0	683987	0	117198	75743	261691	0
	ON-FARM	0	2538984	562518	386759	511365	2438878	0
	MULTI-FARM	0	174182	80719	384568	280044	234240	0
	PROJECT ACTION	0	38673	46162	102317	102317	314146	0
	TOTAL	0	3435826	689399	990842	969469	3248955	0
ZERO:	- - -	0	1378650	614635	1503050	1393899	4535412	0

Table 3d.--Potential cropland and development necessary by type of problem, Corn Belt region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	0	0	0	169301	97541	0	127315
	ON-FARM	0	648502	310420	2228030	184901	484602	867708
	MULTI-FARM	0	0	0	0	0	0	72094
	PROJECT ACTION	0	337045	0	0	179894	0	520756
	TOTAL	0	985547	310420	2397331	462336	484602	1587873
MEDIUM:	NONE	0	0	0	0	0	0	24850
	ON-FARM	0	539613	204646	1105002	0	204489	469621
	MULTI-FARM	0	67386	0	0	16917	0	67386
	PROJECT ACTION	0	17100	0	0	52405	0	69505
	TOTAL	0	624099	204646	1105002	69322	204489	631362
LOW :	NONE	0	90280	0	489792	0	0	145264
	ON-FARM	318731	3243266	942333	5902086	219217	155571	869691
	MULTI-FARM	0	378815	0	33183	356862	34756	588722
	PROJECT ACTION	0	231156	73948	157014	130429	129228	100215
	TOTAL	318731	3943517	1016281	6582075	706508	319555	1703892
ZERO:	- - -	2170397	8041239	1938222	6145446	292894	236644	500826

Table 3d.--Potential cropland and development necessary by type of problem, Corn Belt region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	97541	230188	0	0	0	0
	ON-FARM	0	293413	1813913	0	288321	0	0
	MULTI-FARM	0	175260	0	0	0	0	0
	PROJECT ACTION	0	800914	0	0	0	0	0
	TOTAL	0	1367128	2044101	0	288321	0	0
MEDIUM:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	286012	991040	0	245610	213153	0
	MULTI-FARM	0	20957	0	0	0	0	0
	PROJECT ACTION	0	69505	0	0	0	0	0
	TOTAL	0	376474	991040	0	245610	213153	0
LOW :	NONE	0	145264	355985	0	290288	218728	0
	ON-FARM	43895	738288	5148058	28436	1604770	1136710	0
	MULTI-FARM	154907	191337	68834	0	96501	20576	0
	PROJECT ACTION	0	342176	122803	0	129228	129228	0
	TOTAL	198502	1417065	5695680	28436	2120787	1505242	0
ZERO:	- - -	167858	1203658	6131413	0	4162999	4215481	0

Table 4d.--Potential cropland and development necessary by land use, Corn Belt region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	2730940	0	56177	2787117
	ON-FARM	6177141	860121	468360	7505622
	MULTI-FARM	176286	0	51255	227541
	PROJECT ACTION	463869	337045	0	800914
	TOTAL	9548236	1197166	575792	11321194
MEDIUM:	NONE	145203	0	38743	183946
	ON-FARM	2174783	717772	255846	3148401
	MULTI-FARM	40235	67386	24093	131714
	PROJECT ACTION	0	69505	0	69505
	TOTAL	2360221	854663	318682	3533566
LOW :	NONE	1326508	90280	155146	1571934
	ON-FARM	7354427	3995530	1947594	13297551
	MULTI-FARM	287281	503859	397974	1189114
	PROJECT ACTION	166300	375624	289483	831407
	TOTAL	9134516	4965293	2790197	16890006
ZERO:	- - -	8219018	18499051	3817663	30535732
TOTAL	- - - - -	29261991	25516173	7502334	62280498

Table 5d.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Corn Belt region

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	922694	56001	612423	780441	10463175	360514	13197248
2E	2842523	655560	2278363	1023464	19342296	509570	26651776
2W	1982857	535490	2070465	1068754	27594370	420017	33671953
2S	102381	0	277520	301971	1121504	61291	1864667
3E	2876913	1141732	3685070	2109730	12880538	255356	22949339
3W	1217292	157599	1100688	540687	8055046	220819	11292131
3S	138214	147253	372322	369351	846528	34810	1908478
4E	1144624	459655	2577675	2983457	3812627	302594	11280632
4W	22861	19642	20202	46060	284442	26276	419483
4S	0	89180	1016479	1692005	706357	18444	3522465
5W	37656	208085	337680	174864	185555	85196	1029036
6E	33179	61369	2200364	4579161	1062867	147584	8084524
6W	0	0	0	79326	0	0	79326
6S	0	0	340755	1929972	83776	44343	2398846
7 - 8	0	0	0	12856489	290160	236941	13383590
TOTAL	11321194	3533566	16890006	30535732	86729241	2723755	151733494

Table 1e.--Land use in 1975 by capability class and subclass, Northern Plains region

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	8974737	517334	126905	118040	9737016	27117	0	9764133
2E	25302204	6154460	140018	796922	32433604	313254	0	32746858
2W	3593110	1722287	256838	337323	5909558	0	82658	5992216
2S	3468755	100441	0	82161	3651357	38032	0	3689389
2C	12798844	2013250	83771	384110	15279975	35318	0	15315293
3E	18218090	10637242	15005	827677	29698014	227060	0	29925074
3W	1419317	1758262	48975	490573	3717127	69865	0	3786992
3S	2378825	1580161	0	0	3958986	0	0	3958986
3C	1376882	646809	0	0	2023691	0	0	2023691
4E	8868751	8408006	30907	107744	17415408	0	0	17415408
4W	50327	322659	0	0	372986	0	0	372986
4S	104775	650575	0	119643	874993	0	0	874993
5W	100363	773115	0	75548	949026	0	0	949026
6E	2471902	30505540	432208	251712	33661762	157290	0	33819052
6W	88595	908419	127125	108541	1232680	0	0	1232680
6S	1402932	6128576	0	316930	7848438	0	0	7848438
7 - 8	145216	12175848	249559	115434	12686057	0	206115	12892172
TOTAL	90763625	85043384	1511311	4132358	181450678	867936	288773	182607387

Table 2e.--Changes in land use between 1967 and 1975, Northern Plains region

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	84018273	8845879	0	1166109	94030261	157334	0	94187595
PASTURE AND RANGE	5950050	74395991	213048	812235	81371324	282160	0	81653484
FOREST	166434	1229323	1253116	134480	2783353	27117	26479	2836949
OTHER LAND	628868	572191	45147	2019534	3265740	401325	262294	3929359
TOTAL	90763625	85043384	1511311	4132358	181450678	867936	288773	182607387

Table 3e.--Potential cropland and development necessary by type of problem, Northern Plains region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	3683516	32991	200999	0	0	0	0
	ON-FARM	1898298	474378	0	0	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	5581814	507369	200999	0	0	0	0
MEDIUM:	NONE	0	194283	0	0	0	144270	0
	ON-FARM	0	305704	334137	81670	0	831114	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	499987	334137	81670	0	975384	0
LOW :	NONE	15309	378076	148685	0	0	1039118	0
	ON-FARM	0	1971402	267490	240472	0	4192120	0
	MULTI-FARM	0	14379	0	0	0	14379	0
	PROJECT ACTION	0	143552	0	0	0	244178	0
	TOTAL	15309	2507409	416175	240472	0	5489795	0
ZERO:	- - -	0	2078531	825425	140875	51619	24137698	0

Table 3e.--Potential cropland and development necessary by type of problem, Northern Plains region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	41176	0	0	0	0	0	0
	ON-FARM	752763	30907	289176	1139660	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	62552	79464	0	142016
	TOTAL	793939	30907	289176	1202212	79464	0	142016
MEDIUM:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	0	0	803148	13771	0	13771
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	0	0	803148	13771	0	13771
LOW :	NONE	0	0	0	304908	0	0	112024
	ON-FARM	627529	452769	632106	4654906	260307	95185	403929
	MULTI-FARM	0	0	0	0	549852	0	546039
	PROJECT ACTION	0	0	0	253636	162788	0	325539
	TOTAL	627529	452769	632106	5213450	972947	95185	1387531
ZERO:	- - -	1694425	623846	2940651	21286462	2258623	21691	2477455

Table 3e.--Potential cropland and development necessary by type of problem, Northern Plains region-continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	60506	1037768	0	658545	0	58376
	ON-FARM	50444	112394	3676346	38624	1355177	371559	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	50444	172900	4714114	38624	2013722	371559	58376
MEDIUM:	NONE	0	0	818025	0	71015	0	104759
	ON-FARM	33305	223507	2933920	0	628546	1315705	39708
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	33305	223507	3751945	0	699561	1315705	144467
LOW :	NONE	0	241538	1487098	100256	439351	314387	0
	ON-FARM	56054	1155659	10281169	40230	4388582	1883792	345021
	MULTI-FARM	523424	494756	34897	0	0	0	112564
	PROJECT ACTION	204414	709340	334096	0	334096	0	0
	TOTAL	783892	2601293	12137260	140486	5162029	2198179	457585
ZERO:	- - -	179916	4768289	30367326	0	22887701	7100721	2267145

Table 4e.--Potential cropland and development necessary by land use, Northern Plains region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	5535866	0	0	5535866
	ON-FARM	6451501	30907	109812	6592220
	MULTI-FARM	0	0	0	0
	PROJECT ACTION	142016	0	0	142016
	TOTAL	12129383	30907	109812	12270102
MEDIUM:	NONE	1188082	0	0	1188082
	ON-FARM	4272362	0	14597	4286959
	MULTI-FARM	0	0	0	0
	PROJECT ACTION	0	0	0	0
	TOTAL	5460444	0	14597	5475041
LOW :	NONE	1992086	0	67365	2059451
	ON-FARM	14020188	415390	876412	15311992
	MULTI-FARM	706150	0	198640	904790
	PROJECT ACTION	819948	51539	188616	1060103
	TOTAL	17538372	466931	1331033	19336336
ZERO:	- - -	49915185	1013473	2676916	53605574
TOTAL	- - - - -	85043384	1511311	4132358	90687053

Table 5e.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Northern Plains region

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	216936	0	374014	171329	8974737	27117	9764133
2E	3363384	624594	1803295	1340127	25302204	313254	32746858
2W	232722	0	836562	1247164	3593110	82658	5992216
2S	29817	14597	44648	93540	3468755	38032	3689389
2C	1119723	218930	384786	757692	12798844	35318	15315293
3E	2996351	1808350	4700492	1974731	18218090	227060	29925074
3W	157867	47076	796106	1296761	1419317	69865	3786992
3S	788097	540750	130609	120705	2378825	0	3958986
3C	646809	0	0	0	1376882	0	2023691
4E	1488080	661616	4215975	2180986	8868751	0	17415408
4W	0	0	252325	70334	50327	0	372986
4S	131005	0	217182	422031	104775	0	874993
5W	0	0	136285	712378	100363	0	949026
6E	1030864	963388	4246598	24949010	2471902	157290	33819052
6W	0	0	419232	724853	88595	0	1232680
6S	68447	595740	778227	5003092	1402932	0	7848438
7 - 8	0	0	0	12540841	145216	206115	12892172
TOTAL	12270102	5475041	19336336	53605574	90763625	1156709	182607387

Table 1f.--Land use in 1975 by capability class and subclass, Appalachian region

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	2301220	864099	620636	58690	3884645	130581	0	4015226
2E	6086756	3926361	3513476	579976	14106569	302044	36102	14444715
2W	3021632	871942	1544987	30243	5468804	102520	21868	5593192
2S	1015576	296002	516134	70015	1897727	105627	0	2003354
3E	2902162	3952078	5225214	938997	13018451	315963	44580	13378994
3W	1949419	902583	4058112	160036	7070150	142810	0	7212960
3S	218367	167565	259496	100815	746243	0	0	746243
4E	1104067	3147588	5899344	309533	10460532	141386	0	10601918
4W	200330	112725	1784328	113181	2210564	99476	80532	2390572
4S	163387	224749	675957	120468	1184561	212483	0	1397044
5W	389175	0	651059	0	1040234	29712	0	1069946
6E	558102	4125030	6098150	160332	10941614	198950	36118	11176682
6W	0	0	280154	0	280154	0	0	280154
6S	82325	714094	1415095	32176	2243690	18463	0	2262153
7 - 8	275406	2569111	30523578	735060	34103155	383229	49492	34535876
TOTAL	20307924	21873927	63065720	3409522	108657093	2183244	268692	111109029

Table 2f.--Changes in land use between 1967 and 1975, Appalachian region

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	14363651	5713164	1954000	783981	22814796	569736	21868	23406400
PASTURE AND RANGE	3226749	12073318	2318578	599500	18218145	158213	36102	18412460
FOREST	1906584	3186949	57947769	891033	63932335	1086895	210722	65229952
OTHER LAND	810940	900496	845373	1135008	3691817	368400	0	4060217
TOTAL	20307924	21873927	63065720	3409522	108657093	2183244	268692	111109029

Table 3f.--Potential cropland and development necessary by type of problem, Appalachian region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	4453288	21944	0	80983	0	0	0
	ON-FARM	781579	36514	0	43202	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	12153	0	0	0	0	0
	TOTAL	5234867	70611	0	124185	0	0	0
MEDIUM:	NONE	0	61255	81548	0	19860	66167	0
	ON-FARM	0	13691	61462	23349	6386	271129	0
	MULTI-FARM	0	34156	0	0	0	35120	0
	PROJECT ACTION	0	26546	0	0	0	0	0
	TOTAL	0	135648	143010	23349	26246	372416	0
LOW :	NONE	26066	510310	89347	207942	548674	278290	0
	ON-FARM	0	2938573	714640	2547193	1420615	2817710	0
	MULTI-FARM	0	49285	33072	75188	36326	1018434	0
	PROJECT ACTION	0	43257	180087	0	0	180087	0
	TOTAL	26066	3541425	1017146	2830323	2005615	4294521	0
ZERO:	- - -	0	1279522	1071225	871859	1233990	4190306	0

Table 3f.--Potential cropland and development necessary by type of problem, Appalachian region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	0	73536	27333	105429	25031	27917	25031
	ON-FARM	0	1651382	77931	365464	87416	98161	1056262
	MULTI-FARM	0	220740	0	0	42828	0	220740
	PROJECT ACTION	0	13656	0	0	130068	0	142221
	TOTAL	0	1959314	105264	470893	285343	126078	1444254
MEDIUM:	NONE	0	0	0	45759	0	0	0
	ON-FARM	0	445481	255612	672114	0	0	314898
	MULTI-FARM	0	0	0	0	108949	72487	108949
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	445481	255612	717873	108949	72487	423847
LOW :	NONE	0	81984	44523	134946	28931	44499	0
	ON-FARM	0	9543835	1357884	5660995	1012926	783760	2418286
	MULTI-FARM	0	2036881	127078	0	1711154	0	2224633
	PROJECT ACTION	0	238756	0	37847	308482	71611	383779
	TOTAL	0	11901456	1529485	5833788	3061493	899870	5026698
ZERO:	- - -	432113	10140090	5879105	10216804	1251358	221229	2060774

Table 3f.--Potential cropland and development necessary by type of problem, Appalachian region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	25031	256799	0	49861	49572	0
	ON-FARM	0	418088	703614	0	34611	228082	0
	MULTI-FARM	0	42828	11111	0	0	0	0
	PROJECT ACTION	0.	41024	0	0	0	0	0
	TOTAL	0	526971	971524	0	84472	277654	0
MEDIUM:	NONE	0	0	45759	0	0	0	0
	ON-FARM	0	98761	1074548	0	0	42858	0
	MULTI-FARM	0	72487	0	0	0	0	0
	PROJECT ACTION	0	26546	0	0	0	0	0
	TOTAL	0	197794	1120707	0	0	42858	0
LOW :	NONE	0	0	177057	0	43888	61664	0
	ON-FARM	80844	853925	4924442	396973	1696343	895018	0
	MULTI-FARM	0	414298	0	95956	18163	0	0
	PROJECT ACTION	79899	71611	37847	0	127225	22435	0
	TOTAL	160743	1339834	5139346	492929	1885619	979117	0
ZERO:	- - -	118854	1720954	9960733	349894	3077849	3679953	0

Table 4f.--Potential cropland and development necessary by land use, Appalachian region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	4835052	110737	21944	4967733
	ON-FARM	1968628	2081835	52829	4103292
	MULTI-FARM	11111	220740	0	231851
	PROJECT ACTION	27368	143724	0	171092
	TOTAL	6842159	2557036	74773	9473968
MEDIUM:	NONE	146712	0	108017	254729
	ON-FARM	1049411	599418	30084	1678913
	MULTI-FARM	34156	74793	35120	144069
	PROJECT ACTION	0	26546	0	26546
	TOTAL	1230279	700757	173221	2104257
LOW :	NONE	985140	81984	421092	1488216
	ON-FARM	5833143	12664142	523708	19020993
	MULTI-FARM	15566	2372471	0	2388037
	PROJECT ACTION	0	498062	71611	569673
	TOTAL	6833849	15616659	1016411	23466919
ZERO:	- - -	6967640	44191268	2145117	53304025
TOTAL	- - - - -	21873927	63065720	3409522	88349169

Table 5f.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Appalachian region

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	1006702	41269	357045	138409	2341220	130581	4015226
2E	3649608	343636	3320820	705749	6086756	338146	14444715
2W	839877	115585	1199668	291642	3021632	124388	5593192
2S	283804	0	563244	35103	1015576	105627	2003354
3E	1739104	630345	5915470	1831370	2902162	360543	13378994
3W	994094	241845	2853785	1031007	1949419	142810	7212960
3S	9012	41602	428921	48341	218367	0	746243
4E	673910	634979	4817909	3229667	1104067	141386	10601918
4W	26638	0	1064954	918642	200330	180008	2390572
4S	0	0	667748	353426	163387	212483	1397044
5W	0	23349	367991	259719	389175	29712	1069946
6E	145321	31247	1606226	8600718	558102	235068	11176682
6W	0	0	95956	184198	0	0	280154
6S	105898	0	207182	1848285	82325	18463	2262153
7 - 8	0	0	0	33827749	275406	432721	34535876
TOTAL	9473968	2104257	23466919	53304025	20307924	2451936	111109029

Table 1g.--Land use in 1975 by capability class and subclass, Southeast region

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	1156753	257088	347225	104878	1865944	406497	0	2272441
2E	5042508	2184822	3289685	499290	11016305	558895	0	11575200
2W	1349442	970372	3201870	270457	5792141	191002	0	5983143
2S	1776643	253657	1444957	20260	3495517	0	0	3495517
3E	1740264	2352780	4299851	480136	8873031	163694	0	9036725
3W	630726	2356549	6901798	561618	10450691	86125	996698	11533514
3S	1497460	880552	1110109	228976	3717497	25952	0	3743449
4E	807735	1122381	5104929	202112	7237157	186704	0	7423861
4W	175962	4290808	7479391	104153	12050314	327425	107472	12485211
4S	1696638	854068	2935111	794141	6279958	334673	0	6614631
5W	0	1093650	6931822	607126	8632798	79000	183641	8895439
6E	276831	787800	5466202	36523	6567356	78412	0	6645768
6W	0	49283	40332	0	89615	0	0	89615
6S	177710	523628	1812283	72559	2586180	157187	0	2743367
7 - 8	190629	831588	14870632	1024030	16916879	19656	1987499	18924034
TOTAL	16519301	18809626	65236197	5006259	105571383	2615222	3275310	111461915

Table 2g.--Changes in land use between 1967 and 1975, Southeast region

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	12020409	3201735	1805620	1593956	18621720	664275	0	19285995
PASTURE AND RANGE	1872779	8950398	1385829	728917	12937923	397063	222892	13557878
FOREST	2219939	6222743	61489806	1436939	71369427	938402	984897	73292726
OTHER LAND	406174	434750	554942	1246447	2642313	615482	2067521	5325316
TOTAL	16519301	18809626	65236197	5006259	105571383	2615222	3275310	111461915

Table 3g.--Potential cropland and development necessary by type of problem, Southeast region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	1382963	37759	0	148855	0	0	0
	ON-FARM	1863023	70178	27805	424236	0	0	0
	MULTI-FARM	0	0	0	93529	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	3245986	107937	27805	666620	0	0	0
MEDIUM:	NONE	36740	0	0	0	0	176810	0
	ON-FARM	19799	254987	843108	199969	41929	1754448	0
	MULTI-FARM	0	25231	0	0	33244	0	0
	PROJECT ACTION	0	0	134490	0	0	0	0
	TOTAL	56539	280218	977598	199969	75173	1931258	0
LOW :	NONE	29623	0	0	0	37662	198488	0
	ON-FARM	0	2599590	2446555	3271093	1419870	10477456	0
	MULTI-FARM	0	185784	40310	201408	221420	412048	0
	PROJECT ACTION	0	370261	423043	475084	22959	2792712	0
	TOTAL	29623	3155635	2909908	3947585	1701911	13880704	0
ZERO:	- - -	0	1146554	1867544	1602375	3594110	8448328	0

Table 3g.--Potential cropland and development necessary by type of problem, Southeast region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	0	0	0	57203	0	0	93195
	ON-FARM	0	2345816	0	738236	456154	223284	2931323
	MULTI-FARM	0	64626	0	0	0	0	152305
	PROJECT ACTION	0	0	0	0	0	0	25968
	TOTAL	0	2410442	0	795439	456154	223284	3202791
MEDIUM:	NONE	0	46138	0	104627	0	0	0
	ON-FARM	0	2640794	415530	3009412	409417	96529	1226947
	MULTI-FARM	0	25231	0	0	21439	43182	429047
	PROJECT ACTION	0	508080	45026	134490	192750	18010	482214
	TOTAL	0	3220243	460556	3248529	623606	157721	2138208
LOW :	NONE	0	321446	0	33378	0	0	211284
	ON-FARM	302621	10291044	1120590	6832851	4598206	819719	12138435
	MULTI-FARM	0	1027917	66586	165915	1190294	78967	1332299
	PROJECT ACTION	0	3538600	553604	292001	1433206	11598	4468501
	TOTAL	302621	15179007	1740780	7324145	7221706	910284	18150519
ZERO:	- - -	0	7182160	1418801	3000568	3818548	193230	7974903

Table 3g.--Potential cropland and development necessary by type of problem, Southeast region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	284056	0	0	0	0	0
	ON-FARM	0	578041	986686	0	258779	0	0
	MULTI-FARM	0	127885	0	0	30270	0	0
	PROJECT ACTION	0	25968	0	0	0	0	0
	TOTAL	0	1015950	986686	0	289049	0	0
MEDIUM:	NONE	0	0	0	24679	24679	0	0
	ON-FARM	0	1086651	1618313	0	749941	41294	0
	MULTI-FARM	0	352621	0	0	0	0	0
	PROJECT ACTION	0	459701	0	0	0	0	0
	TOTAL	0	1898973	1618313	24679	774620	41294	0
LOW :	NONE	0	25364	38250	0	51706	0	0
	ON-FARM	102833	6677407	5743592	236831	5672161	149616	0
	MULTI-FARM	218978	658618	104709	0	71307	0	0
	PROJECT ACTION	288273	3423831	87931	0	1028502	0	0
	TOTAL	610084	10785220	5974482	236831	6823676	149616	0
ZERO:	- - -	2019941	5368628	3352120	263553	2006067	411384	0

Table 4g.--Potential cropland and development necessary by land use, Southeast region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	1834602	0	156543	1991145
	ON-FARM	3408187	4751373	31315	8190875
	MULTI-FARM	117949	64626	0	182575
	PROJECT ACTION	25968	0	0	25968
	TOTAL	5386706	4815999	187858	10390563
MEDIUM:	NONE	296043	46138	23854	366035
	ON-FARM	2427199	4331265	187151	6945615
	MULTI-FARM	33244	417242	0	450486
	PROJECT ACTION	90614	588695	0	679309
	TOTAL	2847100	5383340	211005	8441445
LOW :	NONE	159402	360031	0	519433
	ON-FARM	7938859	18496540	834224	27269623
	MULTI-FARM	130010	1511936	168218	1810164
	PROJECT ACTION	111222	5243847	46060	5401129
	TOTAL	8339493	25612354	1048502	35000349
ZERO:	- - -	2236327	29424504	3558894	35219725
TOTAL	- - - - -	18809626	65236197	5006259	89052082

Table 5g.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Southeast region

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	436489	140678	24441	107383	1156753	406497	2272441
2E	3132094	585806	1784067	471830	5042508	558895	11575200
2W	1730605	212327	1944473	555294	1349442	191002	5983143
2S	729785	143220	629088	216781	1776643	0	3495517
3E	1270214	283C148	2360044	672361	1740264	163694	9036725
3W	1360644	598605	5486684	2374032	630726	1C82823	11533514
3S	245940	397449	1329283	247365	1497460	25952	3743449
4E	244411	1203352	3819287	1162372	807735	186704	7423861
4W	660121	1058870	7148212	3007149	175962	434897	12485211
4S	175601	485942	2555272	1366505	1696638	334673	6614631
5W	368380	529715	4368877	3365826	0	262641	8895439
6E	36279	121800	2310555	3821891	276831	78412	6645768
6W	0	0	89615	0	0	0	89615
6S	0	133333	1150451	1124686	177710	157187	2743367
7 - 8	0	0	0	16726250	190629	2007155	18924034
TOTAL	10390563	8441445	35000349	35219725	16519301	5890532	111461915

Table 1h.--Land use in 1975 by capability class and subclass, Delta region

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	1916923	723749	198152	46528	2885352	30655	0	2916007
2E	1966262	2865848	3236204	312805	8385119	138071	23577	8546767
2W	4802912	1579583	2820851	549767	9753513	246132	0	9999645
2S	135624	32046	0	0	167670	0	0	167670
3E	1222243	3123663	4813782	229646	9389334	173174	0	9562508
3W	8749948	1211106	6191311	225356	16377721	105876	36575	16520172
3S	0	0	297319	0	297319	0	0	297319
4E	100551	1100062	3001963	120501	4323077	24265	25142	4372484
4W	478182	234829	2975364	247422	3935797	0	0	3935797
4S	0	0	201892	0	201892	0	0	201892
5W	681566	176301	5230952	26837	6117656	0	27954	6145610
6E	107297	912179	3258550	134992	4413018	82208	0	4495226
6W	35580	0	1448084	0	1483664	0	0	1483664
6S	0	82946	697255	21089	801290	0	0	801290
7 - 8	42362	426085	10029688	2649592	13147727	0	30544	13178271
TOTAL	20239450	12474797	44401367	4564535	81680149	800381	143792	82624322

Table 2h.--Changes in land use between 1967 and 1975, Delta region

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	16272906	1712798	542478	361731	18889913	230006	25142	19145061
PASTURE AND RANGE	1638102	8253667	1585264	535020	12012053	153453	0	12165506
FOREST	2103858	2246236	41932492	591686	46874272	273270	51531	47199073
OTHER LAND	224584	262096	341133	3076098	3903911	143652	67119	4114682
TOTAL	20239450	12474797	44401367	4564535	81680149	800381	143792	82624322

Table 3h.--Potential cropland and development necessary by type of problem, Delta region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	1933741	0	0	291176	0	0	0
	ON-FARM	892803	107175	0	53289	0	353105	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	2826544	107175	0	344465	0	353105	0
MEDIUM:	NONE	0	54802	0	49347	0	280350	0
	ON-FARM	0	0	0	165282	0	1236916	0
	MULTI-FARM	0	0	0	0	0	35298	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	54802	0	214629	0	1552564	0
LOW :	NONE	0	37674	77453	74551	0	205101	0
	ON-FARM	0	1269397	923267	3729898	0	9096512	0
	MULTI-FARM	0	116869	118425	97104	19688	195243	0
	PROJECT ACTION	0	567811	265624	221123	81953	1581300	0
	TOTAL	0	1991751	1384769	4122676	101641	11078156	0
ZERO:	- - -	0	524342	942457	1733076	702178	5247793	0

Table 3h.--Potential cropland and development necessary by type of problem, Delta region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	0	36688	0	53465	0	0	306090
	ON-FARM	0	2336362	0	87201	115674	25280	1432603
	MULTI-FARM	0	70346	0	0	0	0	70346
	PROJECT ACTION	0	203632	0	0	163528	0	272162
	TOTAL	0	2647028	0	140666	279202	25280	2081201
MEDIUM:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	1434858	32795	114451	180047	12461	170644
	MULTI-FARM	0	55908	0	0	75754	0	75754
	PROJECT ACTION	0	145342	0	0	0	0	55908
	TOTAL	0	1636108	32795	114451	255801	12461	302306
LOW :	NONE	0	0	0	617443	0	0	0
	ON-FARM	0	14908966	61321	3865227	2062512	47348	5905905
	MULTI-FARM	0	957503	0	0	819529	24217	342293
	PROJECT ACTION	0	2807856	322813	0	1892420	26288	2211663
	TOTAL	0	18674325	384134	4482670	4774461	97853	8459861
ZERO:	- - -	167054	6952805	551468	4705137	590012	99472	886570

Table 3h.--Potential cropland and development necessary by type of problem, Delta region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	266616	134002	0	0	0	0
	ON-FARM	0	528576	191233	0	226859	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	272162	0	0	0	0	0
	TOTAL	0	1067354	325235	0	226859	0	0
MEDIUM:	NONE	0	0	49347	0	114829	0	0
	ON-FARM	0	33055	116770	0	930340	0	0
	MULTI-FARM	0	75754	0	0	35298	0	0
	PROJECT ACTION	0	224146	0	0	0	0	0
	TOTAL	0	332955	166117	0	1080467	0	0
LOW :	NONE	0	0	454324	0	74551	0	0
	ON-FARM	1105010	3267828	4575578	32046	8980510	442737	0
	MULTI-FARM	0	322477	0	0	110339	0	0
	PROJECT ACTION	479427	3429056	0	67599	457126	0	0
	TOTAL	1584437	7019361	5029902	99645	9622526	442737	0
ZERO:	- - -	0	1881102	5737814	0	4091622	2616131	0

Table 4h.--Potential cropland and development necessary by land use, Delta region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	2737625	36688	121606	2895919
	ON-FARM	1475393	2410908	234455	4120756
	MULTI-FARM	0	70346	0	70346
	PROJECT ACTION	37674	203632	30856	272162
	TOTAL	4250692	2721574	386917	7359183
MEDIUM:	NONE	396111	0	36653	432764
	ON-FARM	1038670	1434858	30899	2504427
	MULTI-FARM	55144	55908	0	111052
	PROJECT ACTION	24572	199574	0	224146
	TOTAL	1514497	1690340	67552	3272389
LOW :	NONE	799326	0	82210	881536
	ON-FARM	2629665	16007502	456876	19094043
	MULTI-FARM	170570	1070511	19688	1260769
	PROJECT ACTION	502287	3699674	73256	4275217
	TOTAL	4101848	20777687	632030	25511565
ZERO:	- - -	2607760	19211766	3478036	25297562
TOTAL	- - - - -	12474797	44401367	4564535	61440699

Table 5h.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Delta region

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	227390	95330	599181	46528	1916923	30655	2916007
2E	2457913	830409	2647405	483130	1966262	161648	8546767
2W	2139788	566868	1139391	1102554	4802912	246132	9999645
2S	0	0	32046	0	135624	0	167670
3E	856284	195405	4696257	2419145	1222243	173174	9562508
3W	924389	1278237	5193047	232100	8749948	142451	16520172
3S	24037	0	273282	0	0	0	297319
4E	77502	30457	2372816	1741751	100551	49407	4372484
4W	651880	196963	2130663	478109	478182	0	3935797
4S	0	0	201892	0	0	0	201892
5W	0	76720	3686265	1673105	681566	27954	6145610
6E	0	0	1057453	3248268	107297	82208	4495226
6W	0	0	1419360	28724	35580	0	1483664
6S	0	0	62507	738783	0	0	801290
7 - 8	0	0	0	13105365	42362	30544	13178271
TOTAL	7359183	3272389	25511565	25297562	20239450	944173	82624322

Table 11.--Land Use in 1975 by capability class and subclass, Southern Plains region

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	953827	2268727	0	478673	3701227	0	0	3701227
2E	8603081	9060549	297720	156298	18117648	255422	0	18373070
2W	2961694	2069327	1066942	0	6097963	44735	319954	6462652
2S	6148303	924467	53270	0	7126040	51186	30798	7208024
2C	2869346	5684123	0	0	8553469	0	0	8553469
3E	12226695	21763653	2264987	187482	36442817	73178	107212	36623207
3W	1704556	2455232	1026435	65077	5251300	0	117492	5368792
3S	452432	1782855	1340820	0	3576107	36350	0	3612457
3C	261155	996331	0	0	1257486	0	0	1257486
4E	3095124	14844291	888124	210888	19038427	203975	94077	19336479
4W	78538	334623	130018	0	543179	0	0	543179
4S	210494	3452532	83260	0	3746686	0	0	3746686
4C	0	112826	0	0	112826	0	0	112826
5W	70131	4280887	1277565	97017	5725600	0	439130	6164730
5S	23554	1000444	0	0	1023998	27781	0	1051779
6E	826954	17008550	3281760	214513	21331777	258051	172300	21762128
6W	123274	789831	1402974	0	2316079	0	40196	2356275
6S	90506	4992649	0	117211	5200366	0	0	5200366
6C	362024	6388641	0	0	6750665	0	0	6750665
7 - 8	0	39015917	3550777	254864	42821558	219740	0	43041298
TOTAL	41061688	139226855	16664652	1782023	198735218	1170418	1321159	201226795

Table 2i.--Changes in land use between 1967 and 1975, Southern Plains region

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	37205634	9005583	244819	796925	47252961	328355	441444	48022760
PASTURE AND RANGE	3311108	113402637	1425058	230286	118369289	475317	652216	119496822
FOREST	328796	15300093	14883126	144684	30656699	171568	227499	31055766
OTHER LAND	216150	1518342	111649	610128	2456269	195178	0	2651447
TOTAL	41061688	139226855	16664652	1782023	198735218	1170418	1321159	201226795

Table 3i.--Potential cropland and development necessary by type of problem, Southern Plains region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	3284741	242614	0	61845	0	0	0
	ON-FARM	2749614	66126	0	110454	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	6034355	308740	0	172299	0	0	0
MEDIUM:	NONE	0	48992	0	0	48992	0	0
	ON-FARM	0	220188	0	0	183161	207541	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	269180	0	0	232153	207541	0
LOW :	NONE	0	827676	0	156656	156656	3383078	0
	ON-FARM	94058	5910181	10887092	3486350	1617614	37789484	0
	MULTI-FARM	0	0	74972	0	46533	56402	0
	PROJECT ACTION	0	121596	12456670	0	0	15168106	0
	TOTAL	94058	6859453	23418734	3643006	1820803	56397070	0
ZERO:	- - -	0	687861	8113570	680450	487012	13481106	0

Table 3i.--Potential cropland and development necessary by type of problem, Southern Plains region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	0	0	0	0	0	0	100778
	ON-FARM	219058	34923	0	90988	0	0	156242
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	219058	34923	0	90988	0	0	257020
MEDIUM:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	96652	0	0	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	96652	0	0	0	0	0
LOW :	NONE	46975	0	0	0	45072	0	0
	ON-FARM	10813071	6921449	157212	13579531	269718	0	2003195
	MULTI-FARM	0	102935	0	83918	131374	0	443437
	PROJECT ACTION	12343722	468570	0	869739	45368	0	292983
	TOTAL	23203768	7492954	157212	14533188	491532	0	2739615
ZERO:	- - -	5737112	3892509	1218818	5982775	1247778	57987	1930933

Table 3i.--Potential cropland and development necessary by type of problem, Southern Plains region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	370915	1111847	0	0	0	0
	ON-FARM	0	131251	1352420	0	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	502166	2464267	0	0	0	0
MEDIUM:	NONE	0	0	103546	0	0	0	70662
	ON-FARM	0	144339	465543	0	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	144339	569089	0	0	0	70662
LOW :	NONE	0	219454	589374	0	0	0	33020
	ON-FARM	0	2614876	21298757	1802840	3655433	1309401	354512
	MULTI-FARM	0	317710	83918	0	0	0	205836
	PROJECT ACTION	0	2949540	288939	0	0	0	1913499
	TOTAL	0	6101580	22260988	1802840	3655433	1309401	2506867
ZERO:	- - -	0	4241830	17446083	340952	7255704	7619274	1031723

Table 4i.--Potential cropland and development necessary by land use, Southern Plains region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	4867510	97445	0	4964955
	ON-FARM	4603561	34923	0	4638484
	MULTI-FARM	0	0	0	0
	PROJECT ACTION	0	0	0	0
	TOTAL	9471071	132368	0	9603439
MEDIUM:	NONE	152538	0	0	152538
	ON-FARM	601041	297659	207541	1106241
	MULTI-FARM	0	0	0	0
	PROJECT ACTION	0	0	0	0
	TOTAL	753579	297659	207541	1258779
LOW :	NONE	3805853	0	31427	3837280
	ON-FARM	49076360	7614496	512793	57203649
	MULTI-FARM	501282	129008	0	630290
	PROJECT ACTION	16953202	646963	59206	17659371
	TOTAL	70336697	8390467	603426	79330590
ZERO:	- - -	58665508	7844158	971056	67480722
TOTAL	- - - - -	139226855	16664652	1782023	157673530

Table 5i.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Southern Plains region

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	1630521	0	638206	478673	953827	0	3701227
2E	3077964	358730	6012365	65508	8603081	255422	18373070
2W	1125236	144339	1866694	0	2961694	364689	6462652
2S	503622	0	474115	0	6148303	81984	7208024
2C	187178	0	5496945	0	2869346	0	8553469
3E	1952813	489582	21738467	35260	12226695	190390	36623207
3W	161490	0	3320177	65077	1704556	117492	5368792
3S	0	0	3123675	0	452432	36350	3612457
3C	0	0	996331	0	261155	0	1257486
4E	887509	118360	14891897	45537	3095124	298052	19336479
4W	0	0	464641	0	78538	0	543179
4S	0	70662	3465530	0	210494	0	3746686
4C	0	0	112826	0	0	0	112826
5W	0	0	4649090	1006379	70131	439130	6164730
5S	0	0	1000444	0	23554	27781	1051779
6E	77106	77106	5272653	15077958	826954	430351	21762128
6W	0	0	123274	2069531	123274	40196	2356275
6S	0	0	360687	4749173	90506	0	5200366
6C	0	0	5322573	1066068	362024	0	6750665
7 - 8	0	0	0	42821558	0	219740	43041298
TOTAL	9603439	1256779	79330590	67480722	41061688	2491577	201226795

Table 1j.--Land use in 1975 by capability class and subclass, Mountain region

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	1811931	16039	0	13934	1841904	16753	0	1858657
2E	3114770	1286840	0	4008	4405618	70010	0	4475628
2W	81601	324525	0	0	406126	17348	0	423474
2S	2057025	163333	0	12289	2232647	6740	0	2239387
2C	3908296	1938327	0	115583	5962206	0	0	5962206
3E	8712751	11064223	53774	79930	19910678	1740	0	19912418
3W	642167	361599	0	44205	1047971	18555	5559	1072085
3S	2310370	291860	0	116800	2719030	0	0	2719030
3C	7845843	1419587	0	125249	9390679	46964	0	9437643
4E	5936029	15564204	648717	334949	22483899	457441	0	22941340
4W	720377	821124	195287	34186	1770974	5476	6806	1783256
4S	864093	406761	0	52981	1323835	12029	0	1335864
4C	288066	943596	0	0	1231662	0	0	1231662
5W	36510	573419	0	0	609929	18555	0	628484
6E	1823333	58579362	2836642	268029	63507366	91931	2292	63601589
6W	14175	1723212	77269	42051	1856707	0	0	1856707
6S	185783	23496762	990795	4502	24677842	9679	0	24687521
6C	0	4290251	0	108202	4398453	70874	0	4469327
7 - 8	279655	85392992	9766245	7987714	103426606	397896	67810	103892312
TOTAL	40632775	208658016	14568729	9344612	273204132	1241991	82467	274528590

Table 2j.--Changes in land use between 1967 and 1975, Mountain region

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	34624060	5784982	0	84112	40493154	130312	5559	40629025
PASTURE AND RANGE	5641955	173649567	1958221	6252403	187502146	1027786	9098	188539030
FOREST	2273	22569631	12504639	690189	35766732	18264	27900	35812896
OTHER LAND	364487	6653836	105869	2317908	9442100	65629	39910	9547639
TOTAL	40632775	208658016	14568729	9344612	273204132	1241991	82467	274528590

Table 3j.--Potential cropland and development necessary by type of problem, Mountain region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	4727571	89047	0	0	0	0	0
	ON-FARM	168369	295559	317599	0	0	70534	9617
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	667848	0	0	0	0
	TOTAL	4895940	384606	985447	0	0	70534	9617
MEDIUM:	NONE	9662	45808	0	852472	106662	142013	1209799
	ON-FARM	0	208895	309861	0	26970	151085	28896
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	115583	0
	TOTAL	9662	254703	309861	852472	133632	408681	1238695
LOW :	NONE	0	1448783	1306318	588836	0	1888126	848748
	ON-FARM	0	2638328	6014065	661911	1772764	5484439	6324639
	MULTI-FARM	0	80112	212964	0	0	5223	233579
	PROJECT ACTION	0	359882	3406943	0	206238	47992	5308786
	TOTAL	0	4527105	10940290	1250747	1979002	7425780	12715752
ZERO:	- - -	0	806549	12746061	591596	455289	12325251	16842708

Table 3j.--Potential cropland and development necessary by type of problem, Mountain region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	44885	0	759852	34454	0	0	0
	ON-FARM	918610	0	0	366755	28812	0	47749
	MULTI-FARM	98434	0	0	0	11998	0	11998
	PROJECT ACTION	1172292	0	0	345744	0	0	0
	TOTAL	2234221	0	759852	746953	40810	0	59747
MEDIUM:	NONE	0	0	0	117552	0	0	0
	ON-FARM	901748	0	0	1018511	0	0	49436
	MULTI-FARM	345088	0	0	0	0	0	83852
	PROJECT ACTION	612919	0	0	34514	131748	0	131748
	TOTAL	1859755	0	0	1170577	131748	0	265036
LOW :	NONE	1146039	0	0	114985	0	12154	12154
	ON-FARM	13912841	637311	1604842	4817356	196038	249443	1047689
	MULTI-FARM	854666	53696	0	290716	3615	0	175459
	PROJECT ACTION	14171854	428641	2475612	2234211	98666	48289	434834
	TOTAL	30085400	1119648	4080454	7457268	298319	309886	1670136
ZERO:	- - -	38149541	3492729	3750436	21201160	696392	287524	1193337

Table 3j.--Potential cropland and development necessary by type of problem, Mountain region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	0	759852	0	0	0	0
	ON-FARM	0	1537	622689	18937	1537	0	48313
	MULTI-FARM	0	11998	0	0	0	0	11998
	PROJECT ACTION	0	0	316932	0	0	0	0
	TOTAL	0	13535	1699473	18937	1537	0	60311
MEDIUM:	NONE	0	0	814472	0	0	0	0
	ON-FARM	21507	218277	1488706	0	0	0	0
	MULTI-FARM	0	83852	83852	0	0	0	0
	PROJECT ACTION	0	578405	0	0	0	0	131748
	TOTAL	21507	880534	2387030	0	0	0	131748
LOW :	NONE	0	10819	1343601	0	90971	0	0
	ON-FARM	219482	820493	12621728	136316	862830	1539364	259240
	MULTI-FARM	0	176485	894133	0	48816	105853	157988
	PROJECT ACTION	0	706482	6274454	38100	996717	882442	433690
	TOTAL	219482	1714279	21133916	174416	1999334	2527659	850918
ZERO:	- - -	425641	1548466	45485073	1775054	10462826	19042210	857154

Table 4j.--Potential cropland and development necessary by land use, Mountain region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	5601947	0	53862	565580S
	ON-FARM	1698042	0	1537	169957S
	MULTI-FARM	98434	0	0	98434
	PROJECT ACTION	1172292	0	0	1172292
	TOTAL	8570715	0	55399	8626114
MEDIUM:	NONE	2401306	0	0	2401306
	ON-FARM	1809829	16174	22236	184823S
	MULTI-FARM	428940	0	0	428940
	PROJECT ACTION	497336	0	115583	612919
	TOTAL	5137411	16174	137819	5291404
LOW :	NONE	4944142	0	0	4944142
	ON-FARM	24595154	755060	202478	25552692
	MULTI-FARM	1087530	53696	2904	114413C
	PROJECT ACTION	14545742	245192	1716	1479265C
	TOTAL	45172568	1053948	207098	46433614
ZERO:	- - -	149777322	13498607	8944296	172220225
TOTAL	- - - - -	208658016	14568729	9344612	232571357

Table 5j.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Mountain region

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	8977	1168	19828	0	1811931	16753	1858657
2E	403545	8494	837023	41786	3114770	70010	4475628
2W	18937	84874	217067	3647	81601	17348	423474
2S	21855	86054	66305	1408	2057025	6740	2239387
2C	607284	492465	954161	0	3908296	0	5962206
3E	3952087	1099918	5391125	754797	8712751	1740	19912418
3W	0	0	369725	36079	642167	24114	1072085
3S	178870	0	208415	21375	2310370	0	2719030
3C	568604	266478	619907	89847	7845843	46964	9437643
4E	547743	1168218	12499508	2332401	5936029	457441	22941340
4W	0	236577	564509	249511	720377	12282	1783256
4S	157706	23724	179303	99009	864093	12029	1335864
4C	0	336504	566385	40707	288066	0	1231662
5W	0	0	180631	392788	36510	18555	628484
6E	1879540	1096366	13759557	44948570	1823333	94223	63601589
6W	28812	131748	504148	1177824	14175	0	1856707
6S	21658	0	7025210	17445191	185783	9679	24687521
6C	230496	258816	2470807	1438334	0	70874	4469327
7 - 8	0	0	0	103146951	279655	465706	103892312
TOTAL	8626114	5291404	46433614	172220225	40632775	1324458	274528590

Table 1k.--Land use in 1975 by capability class and subclass, Pacific region

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	2596605	103776	0	492197	3192578	224227	0	3416805
2E	846752	635705	740378	141678	2364513	0	0	2364513
2W	1440283	525978	259926	40619	2266806	37868	0	2304674
2S	2352486	265615	0	134003	2752104	140914	0	2893018
2C	114100	100979	131624	0	346703	0	0	346703
3E	5251237	2323074	941077	802287	9317675	29981	0	9347656
3W	1603087	1478213	311421	338009	3730730	306048	0	4036778
3S	2245063	1018997	509176	297031	4070267	52894	0	4123161
3C	177533	171275	0	0	348808	0	0	348808
4E	3238911	3218573	2466686	558505	9482675	64618	0	9547293
4W	414035	330666	25474	119322	889497	35688	0	925185
4S	648108	1415438	819208	223333	3106087	2146	0	3108233
4C	0	485019	0	0	485019	0	0	485019
5W	0	0	82564	82564	165128	0	0	165128
6E	661658	6960627	10144206	223209	17989700	194184	0	18183884
6W	0	0	0	389933	389933	0	0	389933
6S	336552	2714438	2846691	416880	6314561	0	0	6314561
7 - 8	0	16249405	17129379	6655307	40034091	229137	110370	40373598
TOTAL	21926410	37997778	36407810	10914877	107246875	1317705	110370	108674950

Table 2k.--Changes in land use between 1967 and 1975, Pacific region

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	19900556	4031168	166547	605669	24703940	633211	0	25337151
PASTURE AND RANGE	1585977	28728206	1712635	1127335	33154153	152067	0	33306220
FOREST	366563	4521863	34427743	3382535	42698704	330647	0	43029351
OTHER LAND	73314	716541	100885	5799338	6690078	201780	110370	7002228
TOTAL	21926410	37997778	36407810	10914877	107246875	1317705	110370	108674950

Table 3k.--Potential cropland and development necessary by type of problem, Pacific region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	294440	0	127262	28179	0	0	0
	ON-FARM	539707	0	0	258765	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	834147	0	127262	286944	0	0	0
MEDIUM:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	0	0	0	0	0	40897
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	0	0	0	0	0	40897
LOW :	NONE	0	84561	325855	47764	380295	77284	0
	ON-FARM	0	336259	2171076	342185	20038	2415386	1952648
	MULTI-FARM	0	51768	83488	94586	0	0	62634
	PROJECT ACTION	0	275904	321545	394932	259973	482811	1246523
	TOTAL	0	748492	2901964	879471	660306	2975481	3261805
ZERO:	- - -	0	414614	5864417	1040406	1605466	4677611	8251473

Table 3k.--Potential cropland and development necessary by type of problem, Pacific region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	0	0	0	48420	0	0	86010
	ON-FARM	839573	37868	0	119924	46075	31577	195160
	MULTI-FARM	335709	0	0	335709	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	1175282	37868	0	504053	46075	31577	281170
MEDIUM:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	17484	0	17484	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	17484	0	17484	0	0	0
LOW :	NONE	213417	0	0	243659	0	19898	16974
	ON-FARM	2177792	3915671	111256	1024737	29876	8267	761327
	MULTI-FARM	879136	0	54098	18516	191174	94731	336026
	PROJECT ACTION	2233050	757242	142034	159004	37259	0	1200228
	TOTAL	5503395	4672913	307388	1445916	258309	122896	2314555
ZERO:	- - -	10703317	9669403	9091559	9134213	40074	31967	927988

Table 3k.--Potential cropland and development necessary by type of problem, Pacific region--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	0	104778	0	0	0	0
	ON-FARM	0	57019	0	0	618765	249216	377054
	MULTI-FARM	0	0	0	0	335709	335709	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	57019	104778	0	954474	584925	377054
MEDIUM:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	0	0	0	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0
LOW :	NONE	0	0	322693	103370	103370	0	0
	ON-FARM	0	81430	2505536	0	868094	486645	259514
	MULTI-FARM	0	113247	27052	0	0	716828	0
	PROJECT ACTION	19705	246901	36914	0	1215450	54709	1054998
	TOTAL	19705	441578	2892195	103370	2186914	1258183	1314512
ZERO:	- - -	357966	666168	12146382	171410	2715548	8112374	640012

Table 4k.--Potential cropland and development necessary by land use, Pacific region

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	612490	0	0	612490
	ON-FARM	1183028	37868	565149	1786045
	MULTI-FARM	335709	0	0	335709
	PROJECT ACTION	0	0	0	0
	TOTAL	2131227	37868	565149	2734244
MEDIUM:	NONE	0	0	0	0
	ON-FARM	23413	17484	0	40897
	MULTI-FARM	0	0	0	0
	PROJECT ACTION	0	0	0	0
	TOTAL	23413	17484	0	40897
LOW :	NONE	675675	91930	347532	1115137
	ON-FARM	3958363	4234424	900605	9093392
	MULTI-FARM	390124	716828	70284	1177236
	PROJECT ACTION	2918961	983001	254389	4156351
	TOTAL	7943123	6026183	1572810	15542116
ZERO:	- - -	27900015	30326275	8776918	67003208
TOTAL	- - - - -	37997778	36407810	10914877	85320465

Table 5k.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Pacific region

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	515008	0	80965	0	2596605	224227	3416805
2E	14498	0	1064589	438674	846752	0	2364513
2W	92523	0	653307	80693	1440283	37868	2304674
2S	149274	0	237604	12740	2352486	140914	2893018
2C	0	0	232603	0	114100	0	346703
3E	424447	0	2678400	963591	5251237	29981	9347656
3W	159991	0	1718636	249016	1603087	306048	4036778
3S	535635	0	838751	450818	2245063	52894	4123161
3C	0	0	171275	0	177533	0	348808
4E	593652	0	3322992	2327120	3238911	64618	9547293
4W	0	0	205824	269638	414035	35688	925185
4S	121611	0	1531502	804866	648108	2146	3108233
4C	0	0	377237	107782	0	0	485019
5W	0	0	0	165128	0	0	165128
6E	0	0	1468662	15859380	661658	194184	18183884
6W	0	0	0	389933	0	0	389933
6S	127605	40697	959769	4849738	336552	0	6314561
7 - 8	0	0	0	40034091	0	339507	40373598
TOTAL	2734244	40697	15542116	67003208	21926410	1428075	108674950

Table 1ℓ.--Land use in 1975 by capability class and subclass, Alaska, Hawaii, and Caribbean area

[Estimated acres]

CLASS & SUBCLASS	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
1-	73492	3190	0	0	76682	5071	3190	84943
2E	164160	20079	75679	20001	279919	8429	0	288348
2W	7790	16450	0	0	24240	6633	15651	46524
2S	54790	112	0	1636	56538	0	0	56538
2C	18038	36076	108228	81899	244241	19917	0	264158
3E	43728	177683	199690	43340	464441	33207	0	497648
3W	13881	27762	21872	200187	263702	3339	0	267041
3S	27149	56588	131142	5961	220840	8040	0	228880
3C	410	23390	0	0	23800	2644	0	26444
4E	48674	240538	295731	0	584943	45674	0	630617
4W	23054	3929	0	87527	114510	885	0	115395
4S	25724	58075	77568	28548	189915	31467	0	221382
4C	46200	7063	0	0	53263	0	0	53263
5S	0	18664	860302	0	878966	0	0	878966
6E	64054	251448	39769	34065	389336	22998	4271	416605
6W	0	7640	76272	123139	207051	0	0	207051
6S	47865	242406	142399	17331	450001	6086	0	456087
7 - 8	39620	1005110	563929	1588843	3201502	68150	2786	3272438
TOTAL	698629	2200203	2592581	2232477	7723890	262540	25898	8012328

Table 2ℓ.--Changes in land use between 1967 and 1975, Alaska, Hawaii, and Caribbean area

[Estimated acres]

LAND USE IN 1967	LAND USE IN 1975							
	CROPLAND	PASTURE AND RANGE	FOREST	OTHER LAND	SUBTOTAL	URBAN	WATER	TOTAL
CROPLAND	583990	309954	112	85189	979245	67817	15651	1062713
PASTURE AND RANGE	39403	1704981	122122	51697	1918203	57303	7461	1982967
FOREST	71802	168470	2319833	661375	3221480	78123	0	3299603
OTHER LAND	3434	16798	150514	1434216	1604962	59297	2786	1667045
TOTAL	698629	2200203	2592581	2232477	7723890	262540	25898	8012328

Table 32.--Potential cropland and development necessary by type of problem, Alaska, Hawaii, and Caribbean area

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		NONE	SMALL TRACT	ISOLATED TRACT	SMALL OWNERSHIP UNIT	HELD FOR URBAN USE	COMMITTED TO NONCROP-LAND USES	SHORT GROWING SEASON
HIGH:	NONE	41063	0	0	0	0	0	0
	ON-FARM	4512	0	0	0	0	0	23844
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	45575	0	0	0	0	0	23844
MEDIUM:	NONE	0	24492	0	0	0	0	0
	ON-FARM	0	1440	0	0	0	58549	18038
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	25932	0	0	0	58549	18038
LOW :	NONE	0	0	0	0	0	0	0
	ON-FARM	0	209316	1186219	96278	20279	1370097	243448
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	109674	0	0	165981	0
	TOTAL	0	209316	1295893	96278	20279	1536078	243448
ZERO:	- - -	0	64840	81287	208065	384479	217480	197757


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Table 3ℓ.--Potential cropland and development necessary by type of problem, Alaska, Hawaii, and Caribbean area--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		LACKING DEPENDABLE WATER	HIGH DENSITY FOREST	ENVIRON-MENTAL IMPACT	EROSION CONTROL COSTS	DRAINAGE OUTLET PROBLEM	SEEPAGE	SEASONAL HIGH WATER TABLE
HIGH:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	63376	0	0	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	63376	0	0	0	0	0
MEDIUM:	NONE	0	0	0	0	0	0	0
	ON-FARM	2310	0	8961	33088	0	14274	10979
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	2310	0	8961	33088	0	14274	10979
LOW :	NONE	0	0	0	0	0	0	0
	ON-FARM	772292	882441	85888	128808	0	0	78766
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	59341	0	620	1455	0	0	0
	TOTAL	831633	882441	86508	130263	0	0	78766
ZERO:	- - -	149822	141549	225421	229738	242855	224169	405776

Table 3ℓ.--Potential cropland and development necessary by type of problem, Alaska, Hawaii, and Caribbean area--continued

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PROBLEM						
		WETLAND TYPES 3-20	COMMON FLOODING	HIGH EROSION HAZARD	THICK UNDESIRABLE OVERBURDEN	VERY LOW FERTILITY	STONES OR ROCK OUTCROP	ACCUM-ULATION OF SALTS
HIGH:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	0	0	0	0	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0
MEDIUM:	NONE	0	0	0	0	0	0	0
	ON-FARM	0	21914	35606	0	103922	0	0
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	0	0	0	0	0
	TOTAL	0	21914	35606	0	103922	0	0
LOW :	NONE	0	0	0	0	0	0	0
	ON-FARM	0	826	272534	25856	340754	1167320	23076
	MULTI-FARM	0	0	0	0	0	0	0
	PROJECT ACTION	0	0	3766	0	1940	58721	0
	TOTAL	0	826	276300	25856	342694	1226041	23076
ZERO:	- - -	0	224961	358296	22586	236351	272182	0

Table 42.--Potential cropland and development necessary by land use, Alaska, Hawaii, and Caribbean area

[Estimated acres]

POTENTIAL	DEVELOPMENT NECESSARY	PASTURE AND RANGE	FOREST	OTHER LAND	TOTAL
HIGH:	NONE	25181	0	15882	41063
	ON-FARM	4512	87220	0	91732
	MULTI-FARM	0	0	0	0
	PROJECT ACTION	0	0	0	0
	TOTAL	29693	87220	15882	132795
MEDIUM:	NONE	24492	0	0	24492
	ON-FARM	78897	105362	0	184259
	MULTI-FARM	0	0	0	0
	PROJECT ACTION	0	0	0	0
	TOTAL	103389	105362	0	208751
LOW :	NONE	0	0	0	0
	ON-FARM	494291	1464600	114055	2072946
	MULTI-FARM	0	0	0	0
	PROJECT ACTION	167921	1206	0	169127
	TOTAL	662212	1465806	114055	2242073
ZERO:	- - -	1404909	934193	2102540	4441642
TOTAL	- - - - -	2200203	2592581	2232477	7025261

Table 52.--Status of 1967 CNI acreage in 1975 by capability class and subclass, Alaska, Hawaii, and Caribbean area

[Estimated acres]

CLASS & SUBCLASS	POTENTIAL FOR CROPLAND OF 1975 PASTURE, RANGE, FOREST, AND OTHER LAND				CROP-LAND	URBAN AND WATER	TOTAL
	HIGH	MEDIUM	LOW	ZERO			
1-	3190	0	0	0	73492	8261	84943
2E	30986	74853	8103	1817	164160	8429	288348
2W	0	0	16450	0	7790	22284	46524
2S	1636	0	112	0	54790	0	56538
2C	0	18038	45472	162693	18038	19917	264158
3E	38370	72053	173366	136924	43728	33207	497648
3W	25211	0	0	224610	13881	3339	267041
3S	25166	0	168525	0	27149	8040	228880
3C	0	1155	0	22235	410	2644	26444
4E	8236	7283	509621	11129	48674	45674	630617
4W	0	3339	66245	21872	23054	885	115395
4S	0	14274	121369	28548	25724	31467	221382
4C	0	1155	5908	0	46200	0	53263
5S	0	0	809696	69270	0	0	878966
6E	0	8961	35832	280489	64054	27269	416605
6W	0	7640	0	199411	0	0	207051
6S	0	0	281374	120762	47865	6086	456087
7 - 8	0	0	0	3161882	39620	70936	3272438
TOTAL	132795	208751	2242073	4441642	698629	288438	8012328

Appendix II. Reliability of the data[1]

To answer questions concerning the reliability of the potential cropland data, a method of estimating coefficients of variation for the national acreage estimates follows.

Suppose A is the true acreage of the class under consideration, and let $\hat{A}$ be an estimate of A. By definition, the coefficient of variation of $\hat{A}$ is the standard error (of the estimate $\hat{A}$) divided by A, the acreage to be estimated. In other words, the coefficient of variation is the relative standard error. To estimate a coefficient of variation, use an estimate of the standard error and the estimated acreage for the class under consideration. In terms of percentages, express the estimated coefficient of variation ($\hat{CV}$) as

$$\hat{CV} = (100)\ \frac{\sqrt{\hat{V}}}{\hat{A}}$$

where $\hat{V}$ is the estimated variance of $\hat{A}$.

Approximate coefficients of variation for the national estimates in this survey can be obtained from figures II-1 and II-2. The vertical axes in these figures are $\hat{CV}$ as previously defined. The horizontal axes represent the estimated percentage,

$$\hat{PC} = (100)\ \frac{\hat{A}}{T}$$

where T = 1,439.9 million acres, the total acres in the United States in inventory in 1967. Use figure II-1 if $\hat{PC}$ is between 4 percent and 40 percent; if $\hat{PC}$ is less than 4 percent, use figure II-2. The relationship shown in figures II-1 and II-2 can be expressed as

$$\hat{CV} = (100)e^{-2.35(\hat{PC})^{.2}}$$

Confidence statements about the acreage estimates can be obtained from the estimated coefficients of variation and the estimated percentages. For example, the chances are about two in three, or about 67 percent confidence, that the interval from $\hat{PC}(1 - \hat{CV}/100)$ to $\hat{PC}(1 + \hat{CV}/100)$ contains the true percentage PC. The confidence is about 95 percent that the true PC is contained in the interval from $\hat{PC}(1 - 2\hat{CV}/100)$ to $\hat{PC}(1 + 2\hat{CV}/100)$.

Consider two examples. It is estimated that 400.4 million acres were in cropland in 1975, which is 27.8 percent of the total expanded acreage. The estimated coefficient of variation is then 1 percent. This gives about 95 percent confidence that the true cropland acreage is contained in the interval 27.2 percent to 28.4 percent—or between 391.9 million acres and 408.9 million acres. The estimated amount of noncropland with high potential for conversion to cropland is 78.3 million acres, or about 5.4 percent of the total expanded acreage. The associated $\hat{CV}$ is 3.7 percent with about two-thirds confidence that the total number of acres in the United States with high potential for conversion to cropland is between 75.4 million and 81.2 million.

There are several limitations. The figures and equation given should be used only if $\hat{PC}$ is at least 0.3 percent. The accuracy of the estimates for smaller classes has not been studied. In addition, this methodology is a means of estimating only the sampling error, not other types of errors such as those in measurement.

[1]Appendix II was prepared by J. Jeffery Goebel, Statistical Laboratory, Iowa State University.

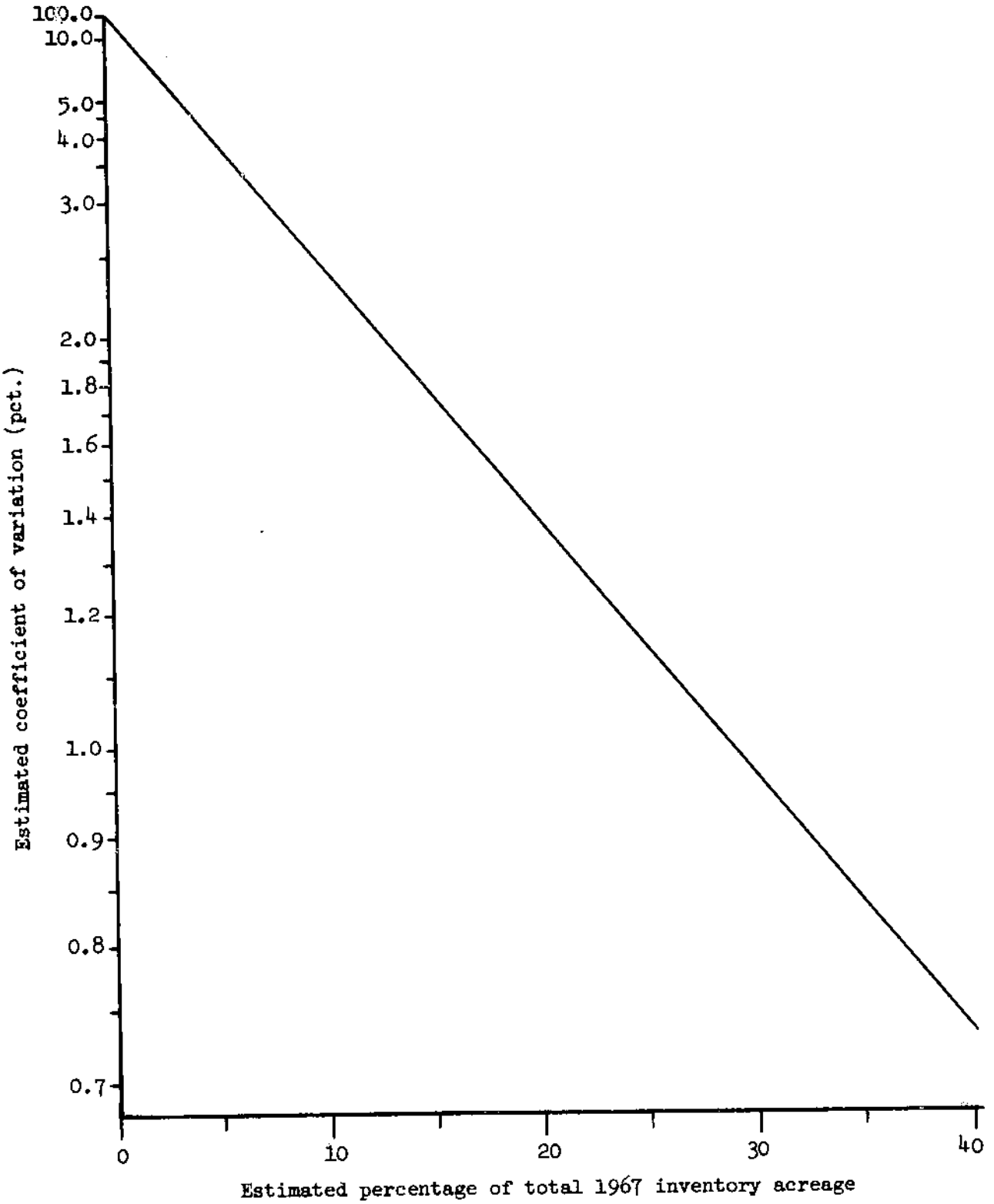

Figure II-1.—Reliability of the data: Relationship between the coefficient of variation and the size of the class being estimated ($\hat{PC}$ between 4 and 40 percent).

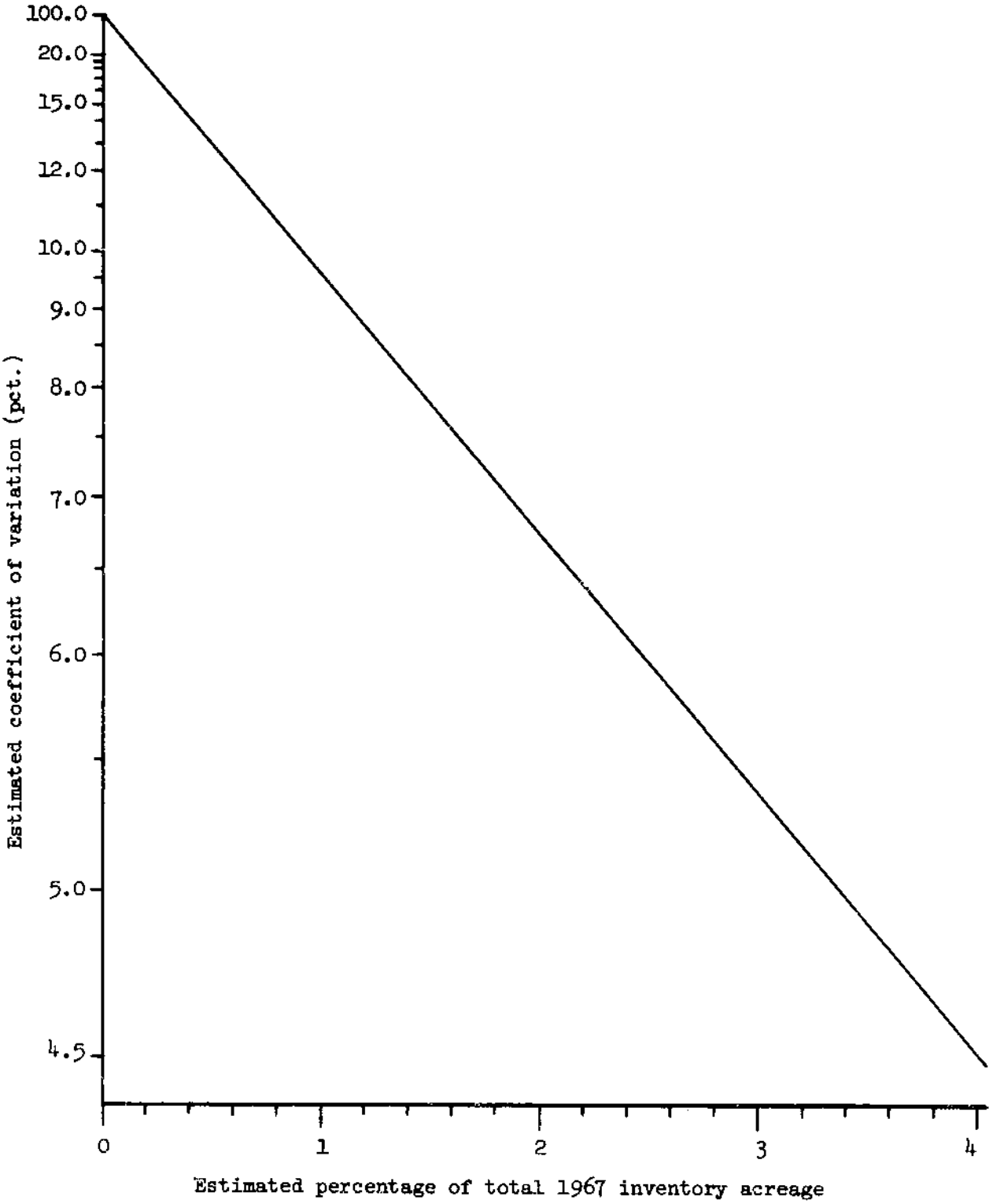

Figure II-2.—Reliability of the data: Relationship between the coefficient of variation and the size of the class being estimated ($\hat{PC}$ between 0 and 4 percent).

Appendix III. Definitions

Land use

Urban and built-up areas.—Cities, villages, other built-up areas of more than 10 acres, industrial sites, railroad yards, cemeteries, airports, golf courses, shooting ranges, institution and public administration sites, and similar areas. This separation does not necessarily include all land inside city and village limits; it includes some land outside such limits. Nonfarm rural residences are accounted for as other land not in farms.

Water and wet areas.—Definitions used by the Census of Agriculture and in this study are:

Water, more than 40 acres.—Permanent lakes, reservoirs, and ponds of more than 40 acres; streams, sloughs, estuaries, and canals more than one-eighth of a statute mile wide. Any part of such a body of water included in a sample unit was identified on the soil survey map but its area was not included in the soil survey data.

Water, less than 40 acres.—Permanent lakes, reservoirs, and ponds of less than 40 acres and streams less than one-eighth of a mile wide.

Cropland.—Land in tillage rotation and orchards, and land formerly in such uses. Land use was classified according to findings at the time of inspection. Land in winter cover crops following cotton, corn, soybeans, etc., was classified according to the preceding crop.

Pasture and range.—Land in grass or other long-term forage growth used primarily for grazing. This does not include rotation pasture or cropland in winter cover crops. Pasture may have been occasionally used for field crops less than 1 year in 7 or may have been periodically renovated with ryegrass, wheat, oats, etc., for grazing. The land may contain shade trees or scattered timber trees with less than 10 percent canopy, but the principal plant cover identifies its use as permanent grazing land.

Forest land.—Land (a) at least 10 percent stocked by forest trees of any size and capable of producing timber or other wood products or capable of influencing the water regime; (b) land from which trees have been cut but the land has not been prepared for other use; or (c) afforested (planted) areas. Land freshly clearcut and smoothed for crops or pasture is considered developed for other use and was reported under the anticipated use.

Other land.—Nonfederal rural land not classified as cropland, pasture and range, forest land, or urban and built-up.

In farms.—Other land considered locally as part of a farm. It includes farmsteads, farm roads, feedlots, and other service areas; ditchbanks, fences and hedgerows; and miscellaneous areas that do not fit into uses already defined. It also includes marshland not used for pasture, range, crops, or forest. Although a small part of this land is suitable for range, the principal use is for wildlife habitat.

Not in farms.—Other nonfederal rural land not part of a farm. It may include rural nonfarm residences and the land (except forest land) considered a part of such residences and investment tracts. It also includes areas as defined for urban and built-up of less than 10 acres, gravel pits, and borrow pits.

Land capability classification system[1]

In the capability system, all kinds of soil are grouped at three levels, the capability class, subclass, and unit.

Capability classes, the broadest groups, are designated by Roman numerals I through VIII. The numerals indicate progressively greater limitations and narrower choices for practical use, as follows:

Class I.—Soils have few limitations that restrict their use.

Class II.—Soils have moderate limitations that reduce the choice of plants or require moderate conservation practices.

Class III.—Soils have severe limitations that reduce the choice of plants or require special conservation practices, or both.

Class IV.—Soils have very severe limitations that reduce the choice of plants or require very careful management, or both.

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[1]Soil Conservation Service, U.S. Department of Agriculture. Land capability classification. Agric. Handb. 210, 21 p. 1966.

Class V.—Soils are not likely to erode but have other limitations, impractical to remove, that limit their use largely to pasture, range, woodland, or wildlife habitat.

Class VI.—Soils have severe limitations that make them generally unsuited to cultivation and limit their use largely to pasture or range, woodland, or wildlife habitat.

Class VII.—Soils have very severe limitations that make them unsuited to cultivation and that restrict their use largely to pasture or range, woodland, or wildlife habitat.

Class VIII.—Soils and landforms have limitations that preclude their use for commercial plants and restrict their use to recreation, wildlife habitat, water supply, or to esthetic purposes.

Capability subclasses are soil groups within classes; they are designated by adding a small letter, e, w, s, or c, to the class numeral, for example, IIe. The letter e indicates that the main limitation is a risk of erosion unless close-growing plant cover is maintained; w, that water in or on the soil interferes with the plant growth or cultivation (in some soils wetness can be partly corrected by artificial drainage); s, that the soil is limited mainly because it is shallow, droughty, or stony; and c, used in only some parts of the United States, that the chief limitation is climate that is too cold or too dry.

In class I there are no subclasses because the soils of this class have few limitations. Class V can contain, at the most, only subclasses w, s, and c because the soils in class V are subject to little or no erosion; they have other limitations that restrict their use largely to pasture, range, woodland, wildlife habitat, or recreation.

Capability units are soil groups within subclasses. The soils in one capability unit are enough alike to be suited to the same crops and pasture plants, to require similar management, and to have similar productivity and other responses to management. Thus, the capability unit is a convenient grouping for making many statements about management of soils.

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