



The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search

<http://ageconsearch.umn.edu>

aesearch@umn.edu

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

No endorsement of AgEcon Search or its fundraising activities by the author(s) of the following work or their employer(s) is intended or implied.

1959

Annual Report

SOUTHWESTERN MINNESOTA

FARM MANAGEMENT SERVICE

University of Minnesota
Institute of Agriculture

and

United States Department of Agriculture
Agricultural Research Service

and the

County Extension Services of
10 Southwestern Minnesota Counties

and the

Southwest Minnesota Farm Management Association
Cooperating

----- 0 -----

Report No. 253
Department of Agricultural Economics
Institute of Agriculture
St. Paul 1, Minnesota
June, 1960

1959 ANNUAL REPORT OF THE SOUTHWESTERN MINNESOTA FARM MANAGEMENT SERVICE

Prepared by T. R. Nodland¹

INDEX	Page
Introduction	1
Summary of Farm Inventories	3
Summary of Farm Earnings (Cash Statement)	4
Summary of Farm Earnings (Enterprise Statement)	5
Net Worth Statement	6
Summary of Farm Earnings by Tenure	7
Household and Personal Expense	8
Family Living from the Farm	9
Measures of Farm Organization and Management Efficiency	10
Thermometer Chart	11
Distribution of Acres in Farm	12
Crop Yields per Acre	13
Average Price of Feeds	13
Power and Machinery Expense per Crop Acre	13
Total Feed Costs and Returns from Your Livestock Enterprises	14
Feed Costs and Returns from Hogs	15
Feed Costs and Returns from Dairy Cattle	16
Feed Costs and Returns from Beef Cattle	18
Feed Costs and Returns from a Farm Flock of Sheep	19
Feed Costs and Returns from Chickens	20
Explanation of "Work Units"	20
Summary by Years, 1940-59	21

INTRODUCTION

The Department of Agricultural Economics and the Agricultural Extension Service of the University of Minnesota, the Agricultural Research Service of the United States Department of Agriculture, and the county extension services of several southwestern Minnesota counties are cooperating with the Southwest Minnesota Farm Management Association in maintaining a farm management service. The Association was organized in the fall of 1939 by farmers in that part of the state for the purpose of studying the farm business through farm records. Each farmer pays an annual fee which covers a part of the cost. The balance of the cost is defrayed by the University of Minnesota and the United States Department of Agriculture.

¹Janet Otis, Bess Miller and Beatrice McDonald performed many of the calculations for this report.

The analysis of the records and the preparation of the report are handled by the Department of Agricultural Economics under the direction of T. R. Nodland. Extension work in connection with the two services is handled by Harland Routhe. Gene Stevermer was the field agent for this project. At the end of the year Roger Johnson and Earl Fuller of the Department of Agricultural Economics and Harland Routhe and Kenneth Thomas of the Agricultural Extension Service, aided in closing the records.

The following tabulation shows by counties the number of records submitted, the officers of the Associations, and the county agricultural extension agents who cooperated in 1959.

Southwestern Minnesota

County	No. of Records	Association Officers	County Agricultural Extension Agent
Cottonwood	16	Wayne Strong, Director Jan Wassenaar, Director	Herman Vossen
Faribault	17	Glenn Kaehler, Director	James V. Johnson
Jackson	27	Arnold Hussong, Director George Russell, Director	Ray Palmby
Martin	6	John Worthly, Director	Floyd Bellin
Murray	17	Herman Abramson, Director Arthur Foster, Secy-Treas.	Reuben Boxrud
Nobles	39	John Van Oort, Director John Bos, Director Alex Jamieson, Director Michael Thompson, Director Clarence Wass, President	Ross Huntsinger
Pipestone	7	Kenneth Butman, Director	Clem Chase
Redwood	22	William Behrends, Vice Pres. Bernard Fultz, Director	Ernest Johnson
Rock	1		Gregory Leuhr
Watsonwan	8	Clayton Johnson, Director	John Ankeny
Total	160		

The data for 136 farms are shown in the tables on succeeding pages. Twenty-four farms were omitted from all of the averages in the tables because the records were not sufficiently complete for a full analysis.

Because the farmers included in this study are, in general, above the average in managerial ability and operate larger and more productive farms, they have returns materially higher than the average for this section of the state. There were, nevertheless, wide variations in the methods and practices followed by these men. It is reasonable to assume that similar variation occurs among all farmers in the area. To the extent that this is true, this report would be of value to all farmers and to others interested in agriculture in that it illustrates how farm records may be used as a basis for making an analysis of a farm business and for improving the management of a farm.

Table 1. Summary of Farm Inventories, 1959*

Items	Your farm		Average of 136 farms	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Size of farm (acres)			317	
Size of business (work units)**			518	
Dairy and dual purpose cows	\$	\$	\$975	\$1065
Other dairy & dual purpose cattle			768	753
Beef cattle (incl. feeders)			11827	11890
Hogs			3124	2088
Sheep (including feeders)			426	405
Poultry (including turkeys)			272	241
Productive livestock (total)	\$	\$	\$17392	\$16442
Horses			24	28
Crop, seed and feed			8930	8099
Auto (farm share)			1516	1431
Tractors			2775	2709
Crop and general machinery			4790	4871
Livestock equipment and supplies			1203	1353
Machinery and equipment (total)			\$10284	\$10364
Land			39063	39063
Buildings, fences, etc.			12700	12745
Total farm capital	\$	\$	\$88393	\$86741

Items	27 most profitable farms		27 least profitable	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Size of farm (acres)	369		392	
Size of business (work units)**	620		596	
Dairy and dual purpose cows	\$1954	\$2071	\$318	\$214
Other dairy & dual purpose cattle	1183	1232	168	73
Beef cattle (incl. feeders)	12629	14668	20231	19509
Hogs	2704	2069	4207	2780
Sheep (including feeders)	152	227	899	468
Poultry (including turkeys)	203	98	196	149
Productive livestock (total)	\$18825	\$20365	\$26019	\$23193
Horses	36	39	--	--
Crop, seed and feed	9527	11004	12358	8757
Auto (farm share)	1636	1517	1783	1620
Tractors	2814	2958	4277	4186
Crop and general machinery	4926	5239	6318	6376
Livestock equipment and supplies	987	1180	1865	1876
Machinery and equipment (total)	\$10363	\$10894	\$14243	\$14058
Land	43486	43486	53088	53088
Buildings, fences, etc.	12163	11884	19260	19457
Total farm capital	\$94400	\$97672	\$124968	\$118553

*For the purpose of comparison, all the data shown in this report, with the exception of Tables 4 and 5, are presented on a full-owner basis. The assets, expenses, and receipts of the landlord were included in the records from rented farms.

**See page 20 for an explanation of "work units".

Table 2. Summary of Farm Earnings (Cash Statement), 1959

Items	Your farm	Average of 136 farms	27 most profitable farms	27 least profitable farms
FARM RECEIPTS				
1. Dairy cattle		\$776	\$1029	\$417
2. Dairy products		1797	3878	309
3. Beef cattle (including feeding, cattle)		17678	19070	27515
4. Hogs		7487	6228	10120
5. Sheep and wool (including feeders)		612	379	1352
6. Horses		4	16	--
7. Poultry (including turkeys)		443	1339	554
8. Eggs		839	343	577
9. Corn		2904	3507	2426
10. Small grain		941	1450	689
11. Other crops		1507	1653	1708
12. Machinery & equipment sold		359	415	441
13. Income from work off the farm		357	505	394
14. Miscellaneous		408	416	469
15. Total farm sales		\$36112	\$40228	\$46971
16. Increase in farm capital		--	3272	--
17. Family living from the farm		288	254	347
18. Total farm receipts		\$36400	\$43754	\$47318
FARM EXPENSES				
19. Dairy and dual-purpose cattle bought		\$217	\$189	\$1
20. Beef cattle bought (incl. feeding cattle)		10589	12317	16161
21. Hogs bought		559	381	1303
22. Sheep bought (including feeders)		261	189	443
23. Horses bought		7	20	--
24. Poultry bought (including turkeys)		210	258	333
25. Misc. livestock expenses		626	656	771
26. Feed bought		6404	5538	9589
27. Fertilizers		961	890	1312
28. Other crop expenses		995	1071	1167
29. Custom work hired		734	840	908
30. Gas, oil and grease bought (farm share)		1126	1272	1340
31. Repairs for tractors, trucks & autos (farm share)		588	651	617
32. Repair and upkeep of farm real estate		395	581	330
33. Repair and upkeep of crop & gen. mach.		425	457	555
34. Repair and upkeep of livestock equip.		238	303	258
35. Wages of hired labor		1058	1297	1386
36. Electricity expense		260	292	267
37. Pers. prop. and real estate taxes		1158	1307	1380
38. Telephone and general farm expense		409	420	460
39. Total cash operating expense		\$27220	\$28929	\$38581
40. Mechanical power bought (farm share)		807	1019	1099
41. Crop and general machinery bought		1222	1427	1549
42. Livestock equipment bought		450	467	399
43. New real estate improvements		926	584	1561
44. Total farm purchases		\$30625	\$32426	\$43189
45. Decrease in farm capital		1652	--	6415
46. Interest on farm capital		4378	4802	6088
47. Unpaid family labor		416	481	495
48. Board furnished hired labor		102	172	106
49. Total farm expenses		\$37173	\$37881	\$56293
50. Labor earnings		-773	5873	-8975

Table 3. Summary of Farm Earnings (Enterprise Statement), 1959*

Items	Your farm	Average of 136 farms	27 most profitable farms	27 least profitable farms
RETURNS AND NET INCREASES				
1. Dairy and dual-purpose cows	\$	\$1851	\$4013	\$406
2. Other dairy & dual-purpose cattle		711	1147	167
3. Beef breeding herd		461	626	478
4. Feeder cattle		6787	8155	10360
5. Hogs		5942	5248	7457
6. Sheep - farm flock		290	225	381
7. Sheep - feeders		39	41	98
8. Turkeys		263	1029	295
9. Chickens		815	323	484
10. All productive livestock	\$	\$17159	\$20807	\$20126
11. Value of feed fed to livestock		13810	13814	20026
12. Return over feed from livestock	\$	\$3349	\$6993	\$100
13. Crops, seed and feed		9947	14326	9179
14. Income from labor off the farm		198	303	145
15. Agricultural conservation payments		29	54	16
16. Miscellaneous		379	362	453
17. Total returns and net increases	\$	\$13902	22038	\$9893
EXPENSES AND NET DECREASES				
18. Horses	\$	\$ --	\$6	\$ --
19. Truck		333	396	338
20. Auto (farm share)		612	679	711
21. Tractor		1346	1419	1804
22. Electricity (farm share)		268	304	280
23. Hired power		319	386	406
24. Total power	\$	\$2878	3190	\$3539
25. Crop and general machinery		1612	1574	2058
26. Livestock equipment		531	532	647
27. Buildings, fencing, and tiling		1258	1445	1623
28. Misc. productive livestock expenses		627	655	771
29. Labor		1824	2240	2302
30. Real estate taxes		919	1053	1065
31. Personal property tax		239	254	315
32. Insurance		183	191	190
33. General farm		226	229	270
34. Interest on farm capital		4378	4802	6088
35. Total expenses and net decreases		\$14675	\$16165	\$18868
36. Labor earnings		\$-773	\$5873	\$-8975

*Cash receipts and expenses are adjusted for changes in inventory for each enterprise and for each item of expense in order to show total receipts and net increases, and total expenses and net decreases. The labor earnings are the same as those on page 4.

Table 4. Net Worth Statement for Those Farmers Who Kept a Complete Record of All Assets and Liabilities, 1959 (Operator's Share)

Items	Your farm		15 Owners	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Total acres in farm			209	
Owned			209	
Rented			--	
Total farm capital	\$	\$	\$73176	\$68790
Stocks and bonds			1157	1308
Life insurance			2829	2969
Notes and accounts receivable			1776	1382
Shares in cooperative organizations			796	927
Outside real estate			1800	2492
Cash on hand and in bank			2606	3136
Household furnishings and clothing			3069	3114
Personal share of auto			714	798
Farm dwelling			5829	5584
Total non-farm assets	\$	\$	\$20576	\$21710
Total assets			93752	90500
Federal Land Bank mortgage			3614	3444
Other mortgages on farm operated			13241	13389
Production Credit Association loans			4376	4463
Farmers Home Adm. chattel loans			332	333
Sealed grain			376	213
Other chattel mortgages			6185	4746
Notes payable			3329	4442
Accounts payable			336	780
Total liabilities	\$	\$	\$31789	\$31810
Farmer's net worth	\$	\$	\$61963	\$58690
Change in net worth				-3273

Items	22 part-owners*		30 renters**	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Owned	171		--	
Rented	194		278	
Total farm capital	\$69710	\$70050	\$29076	\$27639
Stocks and bonds	1769	1889	1596	1995
Life insurance	2490	2589	1365	1557
Notes and accounts receivable	325	275	383	455
Shares in cooperative organizations	798	875	321	474
Outside real estate	811	811	1507	1514
Cash on hand and in bank	1217	830	2137	2699
Household furnishings and clothing	2889	2958	2322	2390
Personal share of auto	704	558	584	596
Farm dwelling	6087	6572	--	--
Total non-farm assets	\$17090	\$17357	\$10215	\$11680
Total assets	\$86800	87407	\$39291	\$39319
Federal Land Bank mortgage	991	965	--	--
Other mortgages on farm operated	11633	11148	--	--
Production Credit Association loans	1353	1679	1037	1296
Farmers Home Adm. chattel loans	62	741	--	--
Sealed grain	282	138	143	31
Other chattel mortgages	3973	6264	3324	4336
Notes payable	6783	6815	2762	2853
Accounts payable	2300	2361	654	868
Total liabilities	\$27377	\$30111	\$7920	\$9384
Farmer's net worth	\$59423	\$57296	\$31371	\$29935
Change in net worth		-2127		-1436

* 7 rented for cash, 9 cash and crop share, and 6 crop share.

** 8 rented for cash, 15 cash and crop share, 1 crop share, 6 livestock and crop share.

Table 5. Summary of Farm Earnings by Tenure, 1959 (Operator's share)

Items	Your farm	15 owners	22 part owners	30 renters
FARM RECEIPTS				
Dairy and dual-purpose cattle	\$	\$360	\$1018	\$1060
Dairy products		1966	805	2106
Beef cattle (including feeders)		23076	17282	11703
Hogs		9150	6761	6430
Sheep and wool (including feeders)		667	632	370
Horses		--	6	--
Poultry (including turkeys)		2465	698	74
Eggs		608	1061	556
Corn		1559	1971	838
Small grain		491	799	405
Other crops		423	1866	1005
Machinery and equipment sold		531	1078	295
Income from work off the farm		355	328	184
Miscellaneous		365	583	353
(1) Total farm sales	\$	\$42016	\$34888	\$25379
(2) Increase in farm capital		--	340	--
(3) Family living from the farm		252	348	256
(4) Total farm receipts (1)+(2)+(3)	\$	\$42268	\$35576	\$25635
FARM EXPENSES				
Dairy and dual-purpose cattle bought	\$	\$114	\$630	\$185
Beef cattle bought (including feeders)		12552	10786	6740
Hogs bought		1020	605	302
Sheep bought (including feeders)		93	457	35
Horses bought		--	--	--
Poultry (including turkeys)		424	367	96
Miscellaneous livestock expense		752	724	561
Feed		9915	5752	5798
Fertilizers		834	763	683
Other crop expense		697	1022	719
Custom work hired		841	859	567
Gas, oil and grease		882	1079	859
Rep. tractor, truck & auto (farm share)		513	617	544
Rep. and upkeep of real estate		572	483	106
Rep. and upkeep of crop & gen. mach.		297	389	324
Rep. and upkeep of livestock equip.		264	220	211
Wages of hired labor		1017	1317	832
Electricity expense (farm share)		258	254	226
Real estate and pers. prop. taxes		923	766	187
Cash rent		--	476	1001
General farm and insurance		472	462	297
Interest paid		1587	1247	415
Total cash operating expense	\$	\$34027	\$29275	\$20688
Mechanical power bought (farm share)		747	481	450
Crop and general machinery bought		1026	1105	770
Livestock equipment bought		590	816	412
Real est. Improvements & farm purchases		511	2142	388
(5) Total farm purchases	\$	\$36901	\$33819	\$22708
(6) Decrease in farm capital		4386	--	1437
(7) Interest on farm capital		1962	2247	1003
(8) Unpaid family labor		289	245	170
(9) Board furnished hired labor		44	90	73
(10) Total farm exp. (5)+(6)+(7)+(8)+(9)		\$43582	\$36401	\$25391
(11) Labor earnings (4)-(10)	\$	-1314	-825	244
(12) Ret. to cap. & fam. lab. (7)+(8)+(11)	\$	937	1667	1417

Table 6. Household and Personal Expenses for
Those Farms Which Kept Complete Accounts of These Expenses, 1959

Items	Your farm	Average of 55 farms	11 most profit- able farms	11 least profit- able farms
Number of persons - family	_____	4.4	4.2	5.0
Number of adult equivalent - family	_____	3.3	3.0	3.8
other*	_____	.2	.4	.2
EXPENSES				
Food and meals bought	\$ _____	\$912	\$885	\$1066
Operating and supplies	_____	310	403	234
Furnishings and equipment	_____	239	182	281
Clothing and clothing materials	_____	317	319	312
Personal care and spending	_____	124	123	195
Education and recreation	_____	255	143	220
Gifts and special events	_____	117	113	117
Medical and hospital insurance	_____	427	437	711
Church and welfare	_____	300	354	230
Personal share of auto expense	_____	232	248	241
Upkeep on dwelling	_____	61	76	111
Pers. share of tel. and elect. exp.	_____	109	95	136
Total cash living expense	\$ _____	\$3403	\$3378	\$3854
Personal share new autos	_____	142	3	331
New dwelling	_____	293	--	1455
Taxes	_____	572	828	429
Life insurance	_____	423	465	563
Other savings and investments	_____	343	678	118
Total household & pers. cash exp.	\$ _____	\$5176	\$5352	\$6750
Family living from the farm	_____	305	216	378
Total cash exp. & perquisites	\$ _____	\$5481	\$5568	\$7128
RECEIPTS				
Return to capital and family labor	\$ _____	\$1503	\$5677	\$-3308
Income from outside investments	_____	205	118	339
Other personal income	_____	425	718	268

*Hired help or others boarded.

Table 7. Family Living from the Farm, 1959

Items	Your farm	Average of 136 farms	Your farm	Average of 136 farms
No. of adult equivalents:				
Family	_____	3.4		
Other*	_____	.2		
Whole milk	_____	541 qts.	_____	\$36.72
Skim milk	_____	23 qts.	_____	.25
Cream	_____	10 pts.	_____	2.23
Cattle	_____	688 lbs.	_____	160.39
Hogs	_____	359 lbs.	_____	48.10
Sheep	_____	5 lbs.	_____	1.03
Poultry	_____	99 lbs.	_____	12.55
Eggs	_____	118 doz.	_____	26.27
Total			_____	287.54

*Hired help or others boarded.

Table 8. Measures of Farm Organization and Management Efficiency, 1959

Measures used in chart on page 11	Your farm	Average of 136 farms	27 most profit- able farms	27 least profit- able farms
Labor earnings		\$-773	\$5873	\$-8975
Crop Yields*		100	109	85
Per cent tillable land in high ret. crops**		67.2	63.8	69.5
Ret. for \$100 feed to prod. livestock***		100	112	84
Prod. livestock units per 100 acres****		43.7	39.9	51.9
Size of business-work units		518	620	596
Work units per worker		305	326	314
Pow., mach., equip., & bldg. exp. per work unit		\$12.97	\$11.23	\$14.22
Items related to some of the above measures:				
Index of return for \$100 feed from:				
Dairy cattle (see pages 16 and 17)		100	107	--
Beef cattle-breeding herd (see page 18)		100	70	117
Beef cattle-feeders (see page 18)		100	125	80
Hogs (see page 15)		100	106	83
Sheep-farm flock (see page 19)		100	96	64
Sheep-feeders		100	--	--
Turkeys		100	--	--
Chickens (see page 20)		100	97	87
Number of animal units		115.0	117.6	166.0
Work units on crops		174	203	229
Work units on productive livestock		324	387	353
Other work units		20	30	14
Number of family workers		1.3	1.3	1.3
Number of hired workers		.4	.6	.6
Total number of workers		1.7	1.9	1.9
Power expense per work unit		\$6.02	\$5.39	\$6.41
Crop machinery expense per work unit		3.41	2.59	3.80
Livestock equip. expense per work unit		.97	.86	1.09
Bldg. & fencing exp. per work unit		2.57	2.39	2.92

* Given as a percentage of the average.

** Crops are marked in Table 9 as (A), (B), (C), and (D). All of acres in (A) crops, one-half of acres in (B) crops, and one-fourth of acres in (C) crops are used in calculating per cent of tillable land in high return crops.

*** An index weighted by the animal units of livestock.

**** Acres in timber not pastured, roads, waste, and farmstead were not included.

Thermometer Chart

Using your figures from page 10, locate your standing with respect to the various measures of farm organization and management efficiency. The averages for the 136 farms included in this summary are located between the dotted lines across the center of this page.

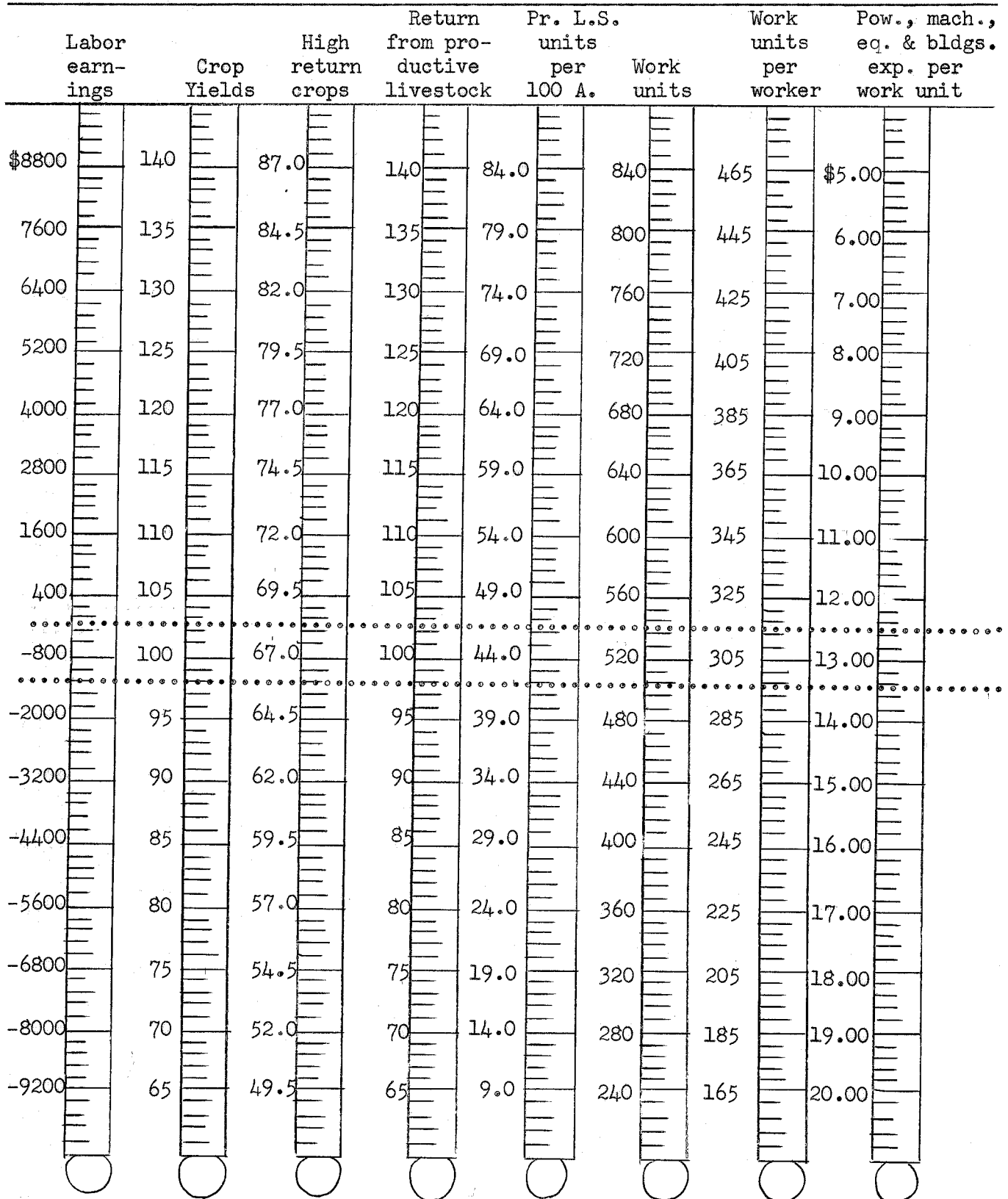


Table 9. Distribution of Acres in Farm, 1959

Crop	Crop ratings*	Number growing this crop	Your farm	Average of 136 farms
Canning peas	B	3	_____	.4
Flax	C	16	_____	4.6
Wheat	C	34	_____	3.6
Oats for silage	C	21	_____	3.1
Oats for grain	D	114	_____	29.5
Barley	D	11	_____	3.2
Total small grain and peas		130	_____	44.4
Seed corn, potatoes, truck crops	A	1	_____	.2
Corn grain	A	134	_____	140.2
Sweet corn	B	2	_____	.2
Soybeans for grain	B	86	_____	28.7
Corn silage	B	102	_____	19.2
Sorghum for grain	C	1	_____	.1
Total cultivated crops		136	_____	188.6
Alfalfa hay	B	130	_____	30.5
Other legumes and mixtures	C	6	_____	.9
Timothy and brome hay or seed	D	2	_____	.1
Annual hay	D	8	_____	1.1
Total tillable land in hay		132	_____	32.6
Alfalfa pasture	B	74	_____	8.6
Other legumes and mixtures	C	2	_____	.2
Sudan and/or rape	C	2	_____	.1
Other tillable pasture	D	11	_____	.9
Total tillable land in pasture		68	_____	9.8
Total tillable land		136	_____	275.4
Wild hay		21	_____	2.2
Non-tillable pasture		64	_____	16.4
Timber not pastured		17	_____	1.5
Roads and waste			_____	10.7
Farmstead			_____	10.4
Total acres in farm			_____	316.6
Percent land tillable			_____	87.5
Percent tillable land in high return crops			_____	67.2

* A, B, C and D refer to ranking used in calculating percent of tillable land in high return crops.

Table 10. Crop Yields per Acre, 1959

Crop	Your farm	Average of farms growing each crop
Canning peas, dollars	_____	\$52.41
Flax, bu.	_____	14.4
Wheat, bu.	_____	26.8
Oats silage, tons	_____	5.5
Oats grain, bu.	_____	54.2
Barley, bu.	_____	37.4
Corn grain, bu.	_____	47.6
Sweet corn, tons	_____	5.0
Soybeans, bu.	_____	21.6
Corn silage, tons	_____	8.6
Alfalfa hay, tons	_____	2.4
Other legumes and mixtures, tons	_____	1.7
Annual hay	_____	2.0
Wild hay, tons	_____	.4

Table 11. Average Price of Feeds, 1959

Item	Value	Item	Value
Ear corn, per bu.	\$.98	Alfalfa hay, per ton	\$19.75
Oats, per bu.	.58	Red or alsike clover hay,/ton	16.75
Barley, per bu.	.92	Timothy, per ton	11.50
Wheat, per bu.	1.90	Wild hay, per ton	9.75
Bran, per cwt.	2.60	Corn silage, per ton	6.60
Soybean meal, per cwt.	3.85	Pasture, per mo. per cow	2.50
Meat scraps, per cwt.	5.20	Skim milk per cwt.	.31

Table 12. Power and Machinery Expenses per Crop Acre, 1959

Items	Your farm	Average of 136 farms	27 most profitable farms	27 least profitable farms
Crop acres per farm	_____	268	315	340
Tractor exp. per crop acre	_____	\$5.31	\$4.82	\$5.65
Crop & gen. mach. exp. per crop acre	_____	6.35	5.21	6.57

TOTAL FEED COSTS AND RETURNS FROM YOUR LIVESTOCK ENTERPRISES

The total "return over feed costs" for each class of livestock is shown in Table 13. This differs from the "return over feed" shown in the enterprise statement in that it is the total for each class of livestock instead of a return "per head," "per unit," or "per 100 pounds." These data indicate the relative importance of different classes of livestock as a source of income and as a market for feed. The total return is the same as the returns and net increases shown on page 5. The value of milk consumed by calves is included in the total returns from dairy cows and in the total feed cost for other dairy cattle. The value of milk consumed by calves is not included in either the total returns or the feed cost of "all dairy" cattle. The return over feed is not a net return, but rather the amount available from the gross income, after paying the feed bill, to cover the outlay for hired labor, power, equipment, taxes, insurance, interest, and veterinary bills and to provide a return for the use of family labor and capital.

Table 13. Total Feed Costs and Returns from Your Livestock Enterprises, 1959

	<u>Dairy or dual purpose cattle</u>			Beef breeding herd
	Cows	Other	All	
Total returns	_____	_____	_____	_____
Total feed cost	_____	_____	_____	_____
Total return over feed	_____	_____	_____	_____
<hr/>				
	Feeder cattle	Hogs	Farm flock of Sheep	Chickens
Total returns	_____	_____	_____	_____
Total feed cost	_____	_____	_____	_____
Total return over feed	_____	_____	_____	_____

Feed is the largest single item of cost for all classes of livestock. However, the proportion of the total cost represented by feed varies considerably between classes of livestock. Feed makes up approximately 45 per cent of the total costs of maintaining dairy cattle and poultry, 50 per cent in the case of a farm flock of sheep, and 75 to 90 per cent for hogs, feeder cattle and feeder lambs. Consequently, it is necessary to secure a relatively higher return over feed from dairy cattle and poultry than from the other livestock enterprises in order to be able to cover all the costs other than feed.

Table 14. Feed Costs and Returns from Hogs, 1959

Items	Your farm	Average of 118 farms	24 farms highest in returns above feed	24 farms lowest in returns above feed
Feed per cwt. hogs produced, lbs.:				
Corn	_____	302	234	421
Small grain	_____	60	64	71
Commercial feeds	_____	82	61	92
Total concentrates	_____	444	359	584
Feed cost per cwt. hogs produced:				
Concentrates	\$_____	\$10.20	\$8.21	\$13.25
Pasture	_____	.04	.04	.02
TOTAL FEED COSTS	\$_____	\$10.24	\$8.25	\$13.27
Net increase in value per cwt. hogs produced	\$_____	\$11.48	\$13.22	\$10.02
RETURNS ABOVE FEED COST PER CWT. HOGS PRODUCED	\$_____	\$1.24	\$4.97	\$-3.25
RETURNS FOR \$100 OF FEED	\$_____	\$117	\$162	\$76
Price received per cwt. hogs sold	\$_____	\$13.83	\$14.14	\$13.86
Total no. of litters raised	_____	34	30	20
No. of pigs born per litter	_____	8.9	8.7	8.5
No. of pigs weaned per litter	_____	7.0	6.9	6.2
No. of feeder pigs bought	_____	34	17	105
Total weight of feeder pigs bought	_____	1346	651	4048
Price paid per feeder pig	_____	\$12.91	\$13.07	\$13.41
Pounds of hogs produced	_____	59251	52746	46425

Table 15. Factors of Cost and Returns from Dairy Cows, 1959

Items	Your farm	Average of 35 farms	12 farms highest in butterfat per cow	12 farms lowest in butterfat per cow
Pounds of butterfat per cow	_____	336	414	250
Pounds of milk per cow*	_____	9894	12127	7953
% of butterfat in milk	_____	3.5	3.4	3.5
Price rec. per lb. B.F. sold (¢)	_____	88.7	93.7	86.0
As manufacturing cream (cents)	_____	58.0	--	--
Other (cents)	_____	90.6	93.7	89.0
Price rec. per cwt. milk sold*	\$ _____	\$3.19	\$3.24	3.04
Feeds per cow, lbs.:				
Corn	_____	1887	2492	1050
Small grain	_____	899	1035	988
Commercial feeds	_____	455	506	451
Legume hay	_____	5787	6374	5578
Other hay	_____	--	--	--
Total concentrates	_____	3241	4033	2489
Total hay and fodder	_____	5787	6374	5578
Silage	_____	9624	10848	9715
Feed cost per cow:				
Concentrates	\$ _____	\$66.84	\$85.50	\$47.21
Roughages	_____	88.36	98.22	86.57
Pasture	_____	7.51	6.68	10.17
TOTAL FEED COST	_____	\$162.71	\$190.40	\$143.95
Value of produce per cow:				
Dairy product sales	\$ _____	\$289.91	\$378.97	\$204.13
Dairy produce used in home	_____	10.81	3.95	19.01
Milk to livestock	_____	5.88	3.87	11.05
Net increase in value of cows	_____	-.45	2.14	.58
TOTAL VALUE PRODUCED	\$ _____	\$306.15	\$388.93	\$234.77
RETURNS ABOVE FEED COST PER COW	\$ _____	\$143.44	\$198.53	\$90.82
RETURNS FOR \$100 OF FEED	_____	\$194	\$208	\$176
Feed cost per lb. B.F. (cents)	_____	48.7	46.0	55.4
Number of cows**	_____	21.5	25.6	14.2

*Average for farms selling whole milk.

**All dairy cows which have at some time in the past freshened are included in the dairy herd, and affect the average number of cows used in computing this table. There is some variation in the number of months of dry period per cow; however, this variation is small for the majority of farms.

Table 16. Feed Costs and Returns from Other Dairy Cattle, 1959

Items	Your farm	Average of 35 farms	12 farms highest in butterfat per cow	12 farms lowest in butterfat per cow
Feed per head, lbs.:				
Concentrates	_____	642	661	491
Hay and fodder	_____	2002	2166	1821
Silage	_____	3353	3625	3153
Skim milk	_____	9	--	26
Whole milk	_____	127	116	197
TOTAL FEED COSTS PER HEAD	\$_____	\$51.15	\$52.87	\$48.66
Net incr. in value of other dairy cattle	\$_____	89.45	92.31	89.39
RETURNS ABOVE FEED COST PER HEAD	\$_____	38.30	39.44	40.73
RETURNS FOR \$100 OF FEED	\$_____	\$205	\$181	\$215
Number of head of other dairy cattle	_____	30.6	30.9	27.1

Table 17. Feed Costs and Returns from All Dairy Cattle, 1959

Items	Your farm	Average of 35 farms	12 farms highest in butterfat per cow	12 farms lowest in butterfat per cow
Feeds per animal unit, lbs.:				
Concentrates	_____	2434	2991	1805
Hay and fodder	_____	5014	5563	4719
Silage	_____	8637	9340	9002
TOTAL FEED COSTS PER ANIMAL UNITS	\$_____	\$135.86	\$154.86	\$120.93
Value of produce per animal unit:				
Dairy products	\$_____	\$176.51	\$238.53	\$119.18
Net increase in val. of dairy cattle	_____	73.93	65.83	89.80
TOTAL VALUE PRODUCED	\$_____	\$250.44	\$304.36	\$208.98
RETURNS ABOVE FEED PER ANIMAL UNIT	\$_____	\$114.58	\$149.50	88.05
RETURNS PER \$100 OF FEED	\$_____	\$192	\$202	\$192
Animal units of dairy cattle	_____	36.9	41.1	27.8

Table 18. Feed Costs and Returns from Beef Cattle, 1959

Items	Your farm	Average of all farms
Beef breeding herd: No. of farms:		21
Feeds per animal unit, lbs.:		
Concentrates		1027
Legume		2819
Other hay		229
Silage		4660
Feed cost per animal unit:		
Concentrates	\$	\$19.46
Roughages		44.42
Pasture		15.10
TOTAL FEED COST		78.98
Value of produce per animal unit:		
Dairy products	\$	\$5.15
Net increase in value of animal		122.82
TOTAL VALUE PRODUCED		\$127.97
RETURNS ABOVE FEED COST PER ANIMAL UNITS		48.99
RETURNS FOR \$100 OF FEED	\$	\$201
Lbs. beef produced		11307
Number of cows and herd bulls		25.1
Number of other beef cattle		17.7
Number of animal units in the herd		25.7
Feeding Cattle: No. of farms:		97
Feeds per cwt. beef produced, lbs.:		
Corn		573
Small grain		23
Commercial feeds		57
Legume hay		237
Other hay		12
Total concentrate		653
Total hay		249
Silage		511
Feed cost per cwt. beef produced		
Concentrates	\$	\$13.22
Roughages		4.02
Pasture		.37
TOTAL FEED COSTS	\$	\$17.61
Net increase in value of feeders		20.49
RETURNS ABOVE FEED COST PER CWT. BEEF PROD.		2.88
RETURNS FOR \$100 OF FEED	\$	\$121
Price paid per cwt. beef bought	\$	\$28.18
Price received for feeder cattle sold		25.63
Number of animal units		79.1
Pounds of beef produced		47507

Table 19. Feed Costs and Returns from a Farm Flock of Sheep, 1959

Items	Your farm	Average of 31 farms	15 farms highest in returns above feed	15 farms lowest in returns above feed
Feeds per head,* lbs.:				
Concentrates	_____	132	106	150
Legume hay	_____	470	396	532
Silage	_____	108	83	139
Feed cost per head:				
Concentrates	\$_____	\$2.56	\$2.04	\$2.93
Roughages	_____	4.95	4.15	5.67
Pasture	_____	1.54	1.29	1.72
TOTAL FEED COSTS	\$_____	\$9.05	\$7.48	\$10.32
Value of produce per head:				
Wool	\$_____	\$4.17	\$3.98	\$4.28
Net increase in value of sheep	_____	9.80	13.69	5.72
TOTAL VALUE PRODUCED	\$_____	\$13.97	\$17.67	\$10.00
RETURNS ABOVE FEED COST PER HEAD	\$_____	\$4.92	\$10.19	\$-.32
RETURNS FOR \$100 OF FEED	\$_____	\$171	\$248	\$96
Price per cwt. of lambs sold	\$_____	\$19.73	\$20.42	\$18.72
Price per lb. wool sold (cts.)	_____	52.8	53.5	51.2
Pounds of wool per sheep sheared	_____	9.6	9.5	9.6
Number of ewes kept for lambing	_____	66	56	73
Per cent lamb crop**	_____	105	124	86
Per cent death loss**	_____	7.2	6.5	8.1
Pounds of sheep produced	_____	6015	6444	5576
Number of head of sheep*	_____	88.7	79.0	96.0

*Two lambs under six months of age considered as one head.

**Lambs which die during month of birth are not included.

Table 20. Feed Costs and Returns from Chickens, 1959*

Items	Your farm	Average of 71 farms	14 farms highest in return above feed	14 farms lowest in return above feed
Feed per hen, lbs.:				
Grain	_____	79	85	88
Commercial feeds	_____	48	33	59
Total concentrates	_____	127	118	147
TOTAL FEED COST PER HEN	\$ _____	\$3.71	\$3.56	\$4.29
Value of produce per hen:				
Eggs sold and used in house	\$ _____	\$4.07	\$4.48	\$3.58
Net increase in value of chickens	_____	-.27	.47	-.62
TOTAL VALUE PRODUCED	\$ _____	\$3.80	\$4.95	\$2.96
RETURNS ABOVE FEED COST PER HEN	\$ _____	.09	1.39	-1.33
RETURNS FOR \$100 OF FEED	\$ _____	\$105	\$149	\$67
Price rec'd. per doz. eggs sold (cts.)	_____	23.7	23.9	23.1
Eggs laid per hen	_____	207	225	187
Ave. No. of hens on farm during year	_____	379	552	272
Per cent of hens that are pullets	_____	87	94	87
Per cent death loss of hens	_____	8	4	9
Number of chicks started:				
Pullets	_____	426	742	255
Straight run	_____	30	71	82
Cockerels	_____	29	77	1162
Lbs. chickens produced	_____	1717	3222	

* Includes feeds and returns from laying flock and rearing flock.

EXPLANATION OF "WORK UNITS"

The total "work units" for any one farm is a measure of the size of that farm business. A work unit as used in this report is the average accomplishment of a farm worker, in a ten hour day, working on crops and productive livestock at average efficiency or ten hours of work off the farm for pay. The number of work units for each class of livestock and each acre of crop are presented in table 21.

Table 21. Number of Work Units for Each Class of Livestock and Each Acre of Crop

Item	No. of work units	Item	No. of work units
Dairy and dual pur. cows	10.0 per cow	Small grain	.5 per acre
Other dairy & du. pur. cattle	3.5 per an. unit*	Sugar beets	1.5 per acre
Beef breeding herd	3.5 per an. unit*	Sweet corn	.7 per acre
Feeder cattle	.25 per 100 lbs.	Corn husked	.7 per acre
Sheep - farm flock	1.5 per an. unit*	Corn hogged	.4 per acre
Sheep - feeder	.3 per 100 lbs.	Corn shredded	1.5 per acre
Hogs	.2 per 100 lbs.	Corn silage	1.0 per acre
Turkeys	.5 per 100 lbs.	Corn fodder	1.0 per acre
Hens	20.0 per 100 hens	Alfalfa hay	.6 per acre
Canning peas	.5 per acre	Soybean hay	.8 per acre
Soybeans for grain	.5 per acre	Other hay crops	.4 per acre

* Animal unit represents one dairy cow or bull, two other dairy cattle, 1 1/4 beef cows or bull, 1 feeder steer or heifer, 3 1/3 other beef cattle, 7 sheep, 14 lambs, 2 1/2 hogs, 5 pigs, 50 hens or 1,100 pounds of turkeys produced.

Table 22. Summary of Farm Earnings by Years

Items	Average 1940-44	Average 1945-49	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
No. of farms	165	140	139	122	118	153	156	146	135	131	128	136
Total farm capital	\$36133	\$40590	\$50868	\$54869	\$58082	\$62148	\$62494	\$64512	\$70144	\$73316	\$80689	\$87567
Monthly charge for:												
Unpaid family labor*	63	118	130	130	130	130	130	130	135	135	135	135
Board to hired labor*	23	33	36	36	36	36	36	36	38	38	38	38
FARM EXPENSES												
Dairy cattle bought	120	175	321	252	264	158	82	98	196	121	125	217
Beef cattle bought	1405	2027	4120	5581	4461	2841	3482	3865	5506	7050	11084	10589
Hogs bought	275	447	478	395	361	427	577	384	322	462	640	559
Sheep bought (incl. feeders)	596	365	543	881	569	766	235	483	837	786	216	261
Poultry bought (incl. turkeys)	140	165	164	246	122	187	233	181	264	258	211	210
Horses bought	39	11	6	5	4	9	7	2	2	7	8	7
Misc. livestock expense	140	248	328	391	369	400	403	424	468	511	593	626
Misc. crop expenses	402	869	966	995	1079	1496	1633	1690	1539	1728	2158	1956
Feed bought	2041	3191	3807	4973	4318	4060	4456	4498	5291	5182	6141	6404
Custom work hired	193	356	382	406	439	468	497	587	646	688	814	734
Power machinery (new)	320	757	1164	1063	610	705	780	802	634	852	1396	807
Power mach.(upkeep,gas,oil)	551	1081	1308	1336	1438	1552	1474	1570	1636	1786	2041	1974
Crop & gen. mach. (new)	335	912	1248	1121	871	779	979	719	790	1123	1112	1222
Crop & gen. mach. (upkeep)	124	284	292	306	323	333	310	338	375	408	442	425
Livestock equipment (new)	112	99	124	157	124	191	225	241	210	332	403	450
Livestock equipment (upkeep)	55	111	125	142	121	125	161	144	170	207	210	238
Buildings & fencing (new)	341	676	741	1082	1023	738	821	786	618	782	1047	926
Buildings & fencing (upkeep)	149	319	331	286	331	304	306	272	254	316	365	395
Hired labor	593	794	843	910	835	928	897	895	863	1024	1125	1058
Taxes	330	403	534	565	627	685	701	724	804	866	999	1158
Insurance	33	56	78	77	87	101	109	130	153	155	147	183
General farm	65	118	146	165	162	166	210	197	205	187	237	226
Total farm purchases	\$ 8359	\$13464	\$18049	\$21335	\$18538	\$17419	\$18578	\$19030	\$21783	\$24831	\$31514	\$30625
Decrease in farm capital	-	-	-	-	-	925	-	2132	-	-	-	1652
Interest on farm capital	1806	2030	2543	2743	2904	3107	3125	3226	3507	3666	4034	4378
Unpaid family labor	310	377	360	367	335	339	390	355	371	341	412	416
Board furnished hired labor	142	107	99	79	91	100	87	95	87	89	89	102
Total farm expense	\$10617	\$15978	\$21051	\$24524	\$21868	\$21890	\$22180	\$24838	\$25748	\$28927	\$36049	\$37173

* These adjustments should be considered in comparing 1959 results with previous years.

Table 22. Summary of Farm Earnings by Years (continued)

Items	Average 1940-44	Average 1945-49	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
FARM RECEIPTS												
Dairy and dual-pur.cattle	\$ 383	\$ 573	\$ 904	\$ 781	\$ 765	\$ 572	\$ 453	\$ 524	\$ 438	\$ 481	\$ 704	\$ 776
Dairy products	783	988	885	1015	1124	1369	1033	1091	1324	1540	1499	1797
Beef cattle	3140	4246	6438	9411	8115	7695	7933	7478	10595	12392	16980	17678
Hogs	3622	6775	6801	7930	7322	7237	7983	6147	5797	7577	8781	7487
Sheep and wool	928	651	810	753	1057	1633	637	798	1344	1327	822	612
Poultry (incl. turkeys)	563	525	590	838	184	478	540	550	608	544	506	443
Eggs	597	1035	790	1055	875	1166	939	954	1190	953	1130	839
Horses	44	23	14	6	12	4	4	4	7	5	7	4
Corn	584	1138	1542	997	1245	2742	2749	3697	3385	2933	2824	2904
Small grain	1031	2055	1694	1240	1217	1153	876	920	809	595	769	941
Other crops	400	879	677	901	981	1102	1454	1850	1867	1666	1906	1507
Machinery and equip. sold	196	364	446	644	378	170	195	222	203	280	264	359
Agric. adjustment payment	370	65	57	72	70	65	54	26	76	68	22	29
Income work off the farm	174	313	290	398	341	346	371	377	332	390	537	357
Miscellaneous	224	78	112	130	154	88	204	252	315	261	324	379
Total farm sales	\$13039	\$19708	\$22050	\$26171	\$23840	\$25820	\$25425	\$24890	\$28290	\$31012	\$37075	\$36112
Increase in farm capital	1098	2395	5214	2561	1216	-	1158	-	2423	1895	5253	-
Family living from farm	553	666	669	708	748	344	296	271	250	266	317	288
Total farm receipts	\$14690	\$22769	\$27933	\$29440	\$25804	\$26164	\$26879	\$25161	\$30963	\$33173	\$42645	\$36400
Total farm expenses	10617	15978	21051	24524	21868	21890	22180	24838	25748	28927	36049	37173
Labor earnings	4073	6791	6882	4916	3936	4274	4699	323	5215	4246	6596	-773
MEAS. OF FARM ORG. & MANAGEMENT												
Percent high return crops*	41.2	56.4	54.4	60.2	60.9	64.8	58.3	60.6	63.0	60.8	65.2	67.2
Livestock units per 100 A.**	23.6	20.3	20.0	31.7	33.2	31.3	35.4	36.1	37.8	39.6	39.6	43.7
Work units***	588	501	502	529	515	397	408	412	433	472	508	518
Work units per worker***	273	285	295	311	322	234	255	242	271	278	299	305
Expenses per work unit***	\$3.02	\$6.23	\$8.01	\$7.75	\$8.29	\$11.66	\$11.76	\$12.34	\$12.72	\$12.50	\$13.50	\$12.97

* The crop ratings used in calculating the percentage of the tillable land in high return crops was changed considerably in 1944 and 1957.

** The basis for computing animal units was revised in 1951.

*** The basis for computing work units was revised in 1953.

Table 23. Summary of Miscellaneous Items by Years

Items	Average 1940-44	Average 1945-49	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
<u>RETURN ABOVE FEED COST PER:</u>												
Dairy cow	\$61.87	\$114.96	\$130.70	\$139.19	\$117.68	\$93.63	\$76.34	\$94.83	\$113.19	\$123.20	\$152.06	\$143.44
Dual-purpose cow	41.43	65.98	63.97	66.65	41.22	34.32	17.94	53.23	59.34	-	-	-
Animal unit in beef herd*	21.90	46.46	85.59	130.06	30.37	-34.29	.80	-6.16	-6.13	27.98	85.75	48.99
100 lbs.feeder cattle prod.	3.11	8.87	17.09	13.00	-2.45	-6.50	5.18	1.93	4.55	10.14	9.93	2.88
Head of sheep in farm flock	4.24	8.20	14.29	13.33	-2.00	2.06	5.22	4.40	8.63	8.62	4.84	4.92
100 lbs.feeder sheep prod.	6.38	1.53	20.52	-	-9.61	.38	11.17	5.98	3.88	-	-	-
100 lbs. hogs produced	4.05	6.29	6.85	4.85	2.48	10.68	6.30	.34	4.98	7.44	8.60	1.24
Hen	1.72	2.15	.83	2.09	.62	2.20	-.27	1.48	.96	1.07	1.64	.09
<u>FEED COST PER:</u>												
Dairy cow	67.74	121.21	136.67	150.85	148.11	142.90	135.97	136.98	137.55	141.86	157.92	162.71
Dual-purpose cow	53.40	101.44	123.55	108.86	114.56	114.62	103.08	94.80	111.68	-	-	-
Animal unit in beef herd*	38.90	68.30	82.24	114.85	112.04	96.31	81.98	95.93	83.88	80.41	79.27	78.98
Cwt.of feeder cattle prod.	14.56	21.66	20.13	23.44	25.01	23.44	21.40	19.06	18.09	17.44	16.31	17.61
Head of sheep in farm flock	3.26	5.62	7.06	7.59	7.77	7.95	8.81	8.94	8.76	8.28	11.07	9.05
Cwt.feeder sheep prod.	11.32	26.88	25.51	-	25.28	31.86	18.44	14.17	21.52	-	-	-
100 lbs.hogs produced	7.36	12.70	12.03	14.17	13.87	12.27	12.42	11.17	10.76	10.39	9.82	10.24
Hen	2.28	4.28	4.35	4.85	4.88	4.64	4.60	4.02	4.18	3.91	3.64	3.71
<u>MISC. LIVESTOCK INFORMATION</u>												
No. dairy or dual-pur.cows	8.1	5.3	4.6	4.5	4.5	5.3	4.7	4.6	5.0	5.7	5.1	5.7
Head in beef breed. herd	10.5	9.4	8.0	8.9	11.6	13.4	13.4	11.7	10.0	10.0	9.0	12.1
Lbs.feeder cattle prod.	9336	6676	8699	10852	12152	14674	14309	18423	23043	28405	34668	33886
Litters of pigs	18.5	19.5	22.7	23.4	21.5	17.7	23.2	25.2	22.2	20.4	26.6	28.7
Lbs. of hogs produced	30411	34292	37633	39702	38436	31283	39269	42517	38898	41677	47303	51451
No. of hens	197	202	186	180	179	187	204	182	222	200	214	203
Lbs. of butterfat per:												
Dairy cow	246	257	277	280	282	286	283	295	298	301	326	336
Dual-purpose cow	183	180	213	169	171	196	170	181	195	-	-	-
No. of pigs weaned per litter	6.1	6.3	6.5	6.6	6.7	6.7	6.9	7.0	7.3	7.3	7.3	7.0
Percent lamb crop	105	109	113	115	94	108	106	113	116	112	107	105
Eggs per hen	134	171	175	176	174	186	191	188	201	204	202	207

* The basis for computing animal units was revised in 1951.

Table 23. Summary of Miscellaneous Items by Years (continued)

Items	Average 1940-44	Average 1945-49	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
PRICE RECEIVED PER:												
Lb. B.F. in milk	\$.64	\$.98	\$.85	\$.97	\$ 1.05	\$.96	\$.88	\$.88	\$.92	\$.92	\$.91	\$.91
Lb. B.F. in cream	.44	.73	.66	.76	.80	.71	.68	.61	.63	.65	.58	.58
100 lbs. fat cattle	11.73	21.71	27.24	33.73	30.16	20.36	21.54	20.73	19.49	21.59	25.10	25.63
100 lbs. feeder sheep	12.22	22.08	25.82	-	25.13	20.71	20.60	19.55	20.38	-	-	-
Pound of wool	.38	.41	.55	1.00	.42	.53	.49	.42	.65	.59	.36	.53
1 100 lbs. of hogs	10.86	19.54	17.93	19.61	17.34	21.19	21.07	14.33	14.15	17.86	19.61	13.83
Dozen eggs	.26	.37	.30	.40	.34	.40	.29	.33	.31	.28	.30	.24
PRICE OF FEED												
Corn, bu.	\$.70	\$ 1.24	\$ 1.20	\$ 1.36	\$ 1.34	\$ 1.31	\$ 1.34	\$ 1.23	\$ 1.25	\$ 1.10	\$.98	\$.98
Oats, bu.	.46	.74	.72	.81	.76	.71	.70	.61	.63	.61	.54	.58
Barley, bu.	.58	1.31	1.20	1.23	1.21	1.11	1.02	.93	.94	.91	.90	.92
Alfalfa hay, ton	10.00	18.60	21.00	19.00	17.00	17.50	17.00	18.00	18.50	17.00	17.75	19.75
Timothy hay, ton	6.24	10.86	12.20	11.00	9.80	10.10	9.80	10.40	10.95	9.80	10.25	11.50
Corn silage, ton	3.20	6.07	6.70	6.00	5.75	5.85	5.75	6.00	6.00	5.80	6.00	6.60
Bran, cwt.	1.80	2.98	2.80	3.20	3.45	2.95	2.85	2.65	2.55	2.50	2.40	2.60
Linseed oilmeal, cwt.	2.33	3.80	3.95	4.00	4.85	4.05	4.20	4.10	3.70	3.50	-	-
Soybean meal, cwt.	2.51	4.15	3.95	4.00	5.60	4.40	-	-	3.70	-	3.50	3.85
ACRES PER FARM:												
Small grains	89.9	73.9	84.9	66.4	68.1	68.4	64.7	52.5	49.3	52.4	45.5	44.4
Cultivated crops	89.5	100.3	93.5	100.7	105.2	119.1	116.8	130.1	134.6	147.9	167.2	188.6
Tillable land in hay	27.4	19.1	24.0	28.7	25.6	31.6	30.5	34.1	41.1	35.8	31.0	32.6
Tillable land in pasture	24.5	15.2	13.5	15.8	14.8	15.7	14.1	15.6	16.0	12.9	11.5	9.8
Tillable land not cropped	5.1	2.4	.8	2.8	1.7	1.4	.3	1.0	4.8	2.5	2.7	-
Total tillable land	236.4	210.9	216.7	214.4	215.4	236.2	226.4	233.3	245.8	251.5	257.9	275.4
Non-tillable	45.6	43.1	40.3	41.6	44.6	46.8	43.6	38.7	38.2	41.0	43.5	41.2
Total acres per farm	282.0	254.0	257.0	256.0	260.0	283.0	270.0	272.0	284.0	292.5	301.4	316.6
YIELDS PER ACRE:												
Flax, bu.	10.5	13.7	15.1	9.8	13.8	9.2	9.7	15.9	9.9	9.0	15.7	14.4
Barley, bu.	25.1	34.1	38.0	23.2	28.9	22.4	32.7	34.5	25.9	26.9	48.5	37.4
Oats, bu.	40.4	46.3	47.0	47.7	44.0	27.7	40.8	55.1	39.7	42.1	67.4	54.2
Corn grain, bu.	49.7	47.8	44.9	38.3	58.9	59.9	66.7	51.5	65.0	63.5	57.8	47.6
Corn silage, tons	8.9	8.4	8.7	7.5	9.5	9.7	10.4	8.8	10.5	10.3	10.5	8.6
Soybeans, bu.	17.8	14.4	16.4	16.4	18.4	20.6	27.3	21.3	22.3	26.8	20.4	21.6
Alfalfa hay, tons	2.2	2.1	2.0	2.5	2.6	2.9	2.6	2.2	2.7	2.7	2.4	2.4