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1961
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

Southwestern Minnesota Farm Management Association
Cooperating

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Report No. 265
Department of Agricultural Economics
Institute of Agriculture
St. Paul 1, Minnesota
June, 1962

1961 ANNUAL REPORT OF THE SOUTHWESTERN MINNESOTA FARM MANAGEMENT SERVICE

Prepared by T. R. Nodland¹

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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 Southwestern 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.

1. Janet Otis and Leo Wirth assisted in the preparation of 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 this service is handled by Harland Routhe. Gene Stevermer was the field agent for this project until March, 1961, and was followed by Lyle Ross. At the end of the year Leo Wirth of the Department of Agricultural Economics and Harland Routhe, James App and Bud Crewdson 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 Association, and the county agricultural extension agents who cooperated in 1961.

Southwestern Minnesota

County	No. of records	Association officers	County Agricultural Extension Agent
Cottonwood	13	Olaf Hedman, Director Jan Wassenaar, Director	Herman Vossen
Faribault	18	Lester Coy, Director Harry Marks, Director	James V. Johnson
Jackson	22	Arnold Hussong, Vice-president George Russell, Director	Ray Palmby
Martin	8	John Worthly, Director	Floyd Bellin
Murray	16	Herman Abramson, Director Arthur Foster, Sec.-Treasurer John Van Cort, Director	Reuben Boxrud
Nobles	31	Alex Jamieson, Director Michael Thompson, Director Clarence Wass, Director	Ross Huntsinger
Pipestone	8	William Heesch, Director	Kenneth Rose
Redwood	26	William Behrends, President Bernard Fultz, Director	Ernest Johnson
Rock	1		Gregory Leuhr
Watonwan	6	Vernon Torkelson, Director	John Ankeny
Total	149		

The data for 127 farms are shown in the tables on succeeding pages. Twenty-two 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, 1961*

Items	Your farm		Average of 127 farms	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Size of farm (acres)			313	
Size of business (work units)**			510	
Dairy cows	\$ _____	\$ _____	\$ 1138	\$ 1113
Other dairy cattle	_____	_____	661	766
Beef cattle (incl. feeders)	_____	_____	12025	13652
Hogs	_____	_____	2912	3136
Sheep (incl. feeders)	_____	_____	205	354
Poultry (incl. turkeys)	_____	_____	244	256
Productive livestock (total)	\$ _____	\$ _____	\$17185	\$19277
Horses	_____	_____	17	14
Crop, seed and feed	_____	_____	9582	10680
Auto (farm share)	_____	_____	1261	1155
Tractors	_____	_____	2267	2332
Crop and general machinery	_____	_____	4769	4583
Livestock equipment and supplies	_____	_____	1398	1477
Machinery and equipment (total)	\$ _____	\$ _____	\$ 9695	\$ 9547
Land	_____	_____	41051	41051
Buildings, fences, etc.	_____	_____	13605	14049
Total farm capital	\$ _____	\$ _____	\$91135	\$94618
	<u>25 most profitable</u>		<u>25 least profitable</u>	
Items	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Size of farm (acres)	428		307	
Size of business (work units)**	642		432	
Dairy cows	\$ 780	\$ 755	\$ 1076	\$ 993
Other dairy cattle	580	518	815	1073
Beef cattle (incl. feeders)	14422	19158	12983	13735
Hogs	3235	4187	2424	2350
Sheep (incl. feeders)	86	114	359	304
Poultry (incl. turkeys)	347	277	179	169
Productive livestock (total)	\$19450	\$25009	\$17836	\$18624
Horses	40	33	9	8
Crop, seed and feed	12679	15462	10350	10248
Auto (farm share)	1163	1133	1192	1089
Tractors	3046	3140	2268	2645
Crop and general machinery	5606	5620	5144	4914
Livestock equipment and supplies	1555	1660	1341	1588
Machinery and equipment (total)	\$11370	\$11553	\$ 9945	\$10236
Land	53078	53078	42540	42540
Buildings, fences, etc.	15112	15578	15610	16946
Total farm capital	\$111729	\$120713	\$96290	\$98602

* 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), 1961

Items	Your farm	Average of 127 farms	25 most profitable farms	25 least profitable farms
FARM RECEIPTS				
1. Dairy cattle	\$ _____	\$ 614	\$ 644	\$ 551
2. Dairy products	_____	2027	1536	1860
3. Beef cattle (incl. feeders)	_____	18855	27285	17787
4. Hogs	_____	8528	11548	5858
5. Sheep and wool (incl. feeders)	_____	279	87	277
6. Horses	_____	3	6	-
7. Poultry (incl. turkeys)	_____	429	65	805
8. Eggs	_____	989	1298	619
9. Corn	_____	2799	4218	2580
10. Small grain	_____	1147	1726	977
11. Other crops	_____	2995	5000	2948
12. Machinery and equipment sold	_____	417	487	294
13. Income from work off the farm	_____	305	340	210
14. Miscellaneous	_____	392	429	415
15. Total farm sales	\$ _____	\$39779	\$54669	\$35181
16. Increase in farm capital	_____	3483	8984	2312
17. Family living from the farm	_____	284	440	218
18. Total farm receipts	\$ _____	\$43546	\$64093	\$37711
FARM EXPENSES				
19. Dairy cattle bought	\$ _____	\$ 190	\$ 369	\$ 223
20. Beef cattle bought (incl. feeders)	_____	12429	18359	12578
21. Hogs bought	_____	672	1424	467
22. Sheep bought (incl. feeders)	_____	207	58	39
23. Horses bought	_____	3	14	-
24. Poultry bought (incl. turkeys)	_____	235	116	277
25. Misc. livestock expenses	_____	607	660	653
26. Feed bought	_____	6233	8000	5294
27. Fertilizers bought	_____	1062	1300	1144
28. Other crop expenses	_____	1044	1421	1065
29. Custom work hired	_____	854	832	923
30. Gas, oil and grease (farm share)	_____	1168	1437	1096
31. Rep. tractor, truck, auto (farm share)	_____	679	792	604
32. Repair and upkeep of farm real estate	_____	326	438	360
33. Repair and upkeep of crop & gen. mach.	_____	423	532	410
34. Repair and upkeep of lvstk. equip.	_____	215	264	253
35. Wages of hired labor	_____	1072	1653	1327
36. Electricity expense	_____	258	300	249
37. Pers. prop. and real estate taxes	_____	1287	1645	1347
38. Telephone and general farm expense	_____	418	423	512
39. Total cash operating expense	\$ _____	\$29382	\$40037	\$28821
40. Mechanical power bought (farm share)	_____	844	1124	1071
41. Crop and general machinery bought	_____	921	1243	822
42. Livestock equipment bought	_____	388	448	534
43. New real estate improvements	_____	1424	1691	2480
44. Total farm purchases	\$ _____	\$32959	\$44543	\$33728
45. Decrease in farm capital	_____	-	-	-
46. Interest on farm capital	_____	4644	5811	4872
47. Unpaid family labor	_____	492	669	195
48. Board furnished hired labor	_____	69	110	82
49. Total farm expenses	\$ _____	\$38164	\$51133	\$38877
50. Labor earnings	\$ _____	\$ 5382	\$12960	\$-1166

Table 3. Summary of Farm Earnings (Enterprise Statement), 1961*

Items	Your farm	Average of 127 farms	25 most profitable farms	25 least profitable farms
RETURNS AND NET INCREASES				
1. Dairy cows	\$ _____	\$ 2051	\$ 1592	\$ 1787
2. Other dairy cattle	_____	632	467	621
3. Beef breeding herd	_____	323	57	293
4. Feeder cattle	_____	7801	13641	5796
5. Hogs	_____	8136	11144	5356
6. Sheep--farm flock	_____	130	57	185
7. Sheep--feeders	_____	91	-	-
8. Turkeys	_____	286	-	562
9. Chickens	_____	939	1222	592
10. All productive livestock	\$ _____	\$20389	\$28180	\$15192
11. Value of feed fed to livestock	_____	14719	18875	12944
12. Return over feed from livestock	\$ _____	\$ 5670	\$ 9305	\$ 2248
13. Crops, seed and feed	_____	14397	21833	11847
14. Income from labor off the farm	_____	179	246	123
15. Agricultural conservation payments	_____	34	33	54
16. Miscellaneous	_____	358	396	361
17. Total returns and net increases	\$ _____	\$20638	\$31813	\$14633
EXPENSES AND NET DECREASES				
18. Horses	\$ _____	\$ 6	\$ 9	\$ 19
19. Truck	_____	320	352	280
20. Auto (farm share)	_____	608	666	553
21. Tractor	_____	1421	1742	1352
22. Electricity (farm share)	_____	265	307	264
23. Hired power	_____	390	366	402
24. Total power	\$ _____	\$ 3010	\$ 3442	\$ 2870
25. Crop and general machinery	_____	1584	1912	1598
26. Livestock equipment	_____	508	598	536
27. Buildings, fencing and tiling	_____	1276	1653	1502
28. Misc. productive livestock expense	_____	607	661	653
29. Labor	_____	1922	2708	1909
30. Real estate taxes	_____	1029	1306	1058
31. Personal property tax	_____	258	339	289
32. Insurance	_____	190	193	213
33. General farm expenses	_____	228	230	299
34. Interest on farm capital	_____	4644	5811	4872
35. Total expenses and net decreases	\$ _____	\$15256	\$18853	\$15799
36. Labor earnings	\$ _____	\$ 5382	\$12960	\$-1166

* 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, 1961 (Operator's Share)

Items	Your farm		19 Owners	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Total acres in farm			266	
Owned			266	
Rented			-	
Total farm capital	\$	\$	\$77370	\$85783
Stocks and bonds			2337	1278
Life insurance			2826	2966
Notes and accounts receivable			1189	1179
Shares in cooperative organizations			923	1100
Outside real estate			4334	5460
Cash on hand and in bank			1692	2083
Household furnishings and clothing			3093	3212
Personal share of auto			612	678
Farm dwelling			4761	4871
Total non-farm assets	\$	\$	\$21767	\$22827
Total assets	\$	\$	\$99137	\$108610
Federal Land Bank mortgage			4546	3568
Other real estate mortgages			14334	16512
Production Credit Association loans			4107	5070
Farmers Home Adm. chattel loans			209	122
Sealed grain			184	680
Other chattel mortgages			5797	5484
Notes payable			4861	6631
Accounts payable			704	882
Total liabilities	\$	\$	\$34742	\$38949
Farmer's net worth	\$	\$	\$64395	\$69661
Change in net worth				\$+5266

Items	19 part-owners*		28 renters**	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Owned	175		-	
Rented	186		271	
Total farm capital	\$75146	\$81006	\$27687	\$30457
Stocks and bonds	945	1052	1903	2248
Life insurance	2075	2113	1285	1377
Notes and accounts receivable	387	457	997	1092
Shares in cooperative organizations	898	1043	714	784
Outside real estate	10	428	1506	1686
Cash on hand and in bank	1286	930	2210	1847
Household furnishings and clothing	2725	2904	2362	2574
Personal share of auto	571	472	412	407
Farm dwelling	7496	8091	-	-
Total non-farm assets	\$16393	\$17490	\$11389	\$12015
Total assets	\$91539	\$98496	\$39076	\$42472
Federal Land Bank mortgage	1702	2094	-	-
Other real estate mortgages	13774	14494	-	-
Production Credit Association loans	1693	1627	3381	3649
Farmers Home Adm. chattel loans	687	675	812	478
Sealed grain	750	931	518	911
Other chattel mortgages	6312	5226	3441	4145
Notes payable	9479	10745	2320	2612
Accounts payable	710	1083	1063	828
Total liabilities	\$35107	\$36875	\$11535	\$12623
Farmer's net worth	56432	61621	27541	29849
Change in net worth		\$+5189		\$+2308

* 5 rented for cash, 7 cash and crop share, 5 crop share, and 2 lvstk and crop share.

** 6 rented for cash, 17 cash and crop share, 2 crop share, 3 lvstk and crop share.

Table 5. Summary of Farm Earnings by Tenure, 1961 (Operator's Share)

Items	Your farm	19 owners	19 part-owners	28 renters
FARM RECEIPTS				
Dairy cattle	\$ _____	\$ 498	\$ 581	\$ 641
Dairy products	_____	2207	728	2342
Beef cattle (incl. feeders)	_____	19134	18414	9505
Hogs	_____	11279	9161	7853
Sheep and wool (incl. feeders)	_____	192	79	211
Horses	_____	-	-	4
Poultry (incl. turkeys)	_____	140	1492	48
Eggs	_____	1471	341	733
Corn	_____	1073	2215	1146
Small grain	_____	1438	685	531
Other crops	_____	2013	2214	1536
Machinery and equipment sold	_____	362	430	441
Income from work off the farm	_____	302	376	92
Miscellaneous	_____	368	356	362
(1) Total farm sales	\$ _____	\$40477	\$37072	\$25445
(2) Increase in farm capital	_____	8413	5860	2770
(3) Family living from the farm	_____	271	266	294
(4) Total farm receipts (1)+(2)+(3)	\$ _____	\$49161	\$43198	\$28509
FARM EXPENSES				
Dairy cattle bought	\$ _____	\$ 159	\$ 374	\$ 211
Beef cattle bought (incl. feeders)	_____	13561	12146	5847
Hogs bought	_____	392	842	573
Sheep bought (incl. feeders)	_____	256	32	166
Horses bought	_____	-	-	-
Poultry bought (incl. turkeys)	_____	135	429	61
Miscellaneous livestock expense	_____	700	633	541
Feed	_____	9098	5785	4665
Fertilizers	_____	1031	1160	565
Other crop expense	_____	996	885	902
Custom work hired	_____	780	822	683
Gas, oil and grease	_____	1106	1143	1017
Rep. tractor, truck, auto (farm share)	_____	718	579	648
Rep. and upkeep of real estate	_____	380	292	117
Rep. and upkeep of crop and gen. mach.	_____	349	456	364
Rep. and upkeep of livestock equipment	_____	175	206	122
Wages of hired labor	_____	1103	943	631
Electricity expense (farm share)	_____	308	239	214
Real estate and pers. prop. taxes	_____	1047	878	227
Cash rent	_____	-	583	1031
General farm expense and insurance	_____	436	456	283
Interest paid	_____	1704	1531	617
Total cash operating expense	\$ _____	\$34434	\$30414	\$19485
Mechanical power bought (farm share)	_____	1334	839	993
Crop and general machinery bought	_____	832	758	894
Livestock equipment bought	_____	491	414	260
Real estate improv. & farm purchases	_____	4648	3279	580
(5) Total farm purchases	\$ _____	\$41739	\$35704	\$22212
(6) Decrease in farm capital	_____	-	-	-
(7) Interest on farm capital	_____	2375	2372	836
(8) Unpaid family labor	_____	123	246	287
(9) Board furnished hired labor	_____	79	72	54
(10) Total farm exp. (5)+(6)+(7)+(8)+(9)	\$ _____	\$44316	\$38394	\$23389
(11) Labor earnings (4)-(10)	_____	4845	4804	5120
(12) Ret. to cap. & fam. labor (7)+(8)+(11)	_____	7343	7422	6243

Table 6. Household and Personal Expenses for Those Farms Which Kept Complete Accounts of These Expenses, 1961

Items	Your farm	Average of 50 farms	10 most profitable farms	10 least profitable farms
Number of persons--family	_____	4.5	5.6	3.8
Number of adult equivalents--family	_____	3.4	4.1	2.9
other*	_____	.1	.1	.2
EXPENSES				
Food and meals bought	\$ _____	\$1004	\$1196	\$928
Operating and supplies	_____	365	351	368
Furnishings and equipment	_____	288	333	127
Clothing and clothing materials	_____	372	524	281
Personal care and spending	_____	119	147	100
Education and recreation	_____	248	212	323
Gifts and special events	_____	141	98	123
Medical and hospital insurance	_____	389	445	368
Church and welfare	_____	267	166	240
Personal share of auto expense	_____	228	245	219
Upkeep on dwelling	_____	75	171	90
Pers. share of tel. & elec. exp.	_____	116	122	109
Total cash living expense	\$ _____	\$3612	\$4010	\$3276
Personal share of new autos	_____	137	161	213
New dwelling	_____	581	6	79
Taxes	_____	258	284	62
Life insurance	_____	448	667	323
Other savings and investments	_____	225	120	177
Total household & pers. cash exp.	\$ _____	\$5261	\$5248	\$4130
Family living from the farm	_____	264	433	192
Total cash exp. & perquisites	\$ _____	\$5525	\$5681	\$4322
RECEIPTS				
Return to capital and family labor	\$ _____	\$6772	\$10301	\$2375
Income from outside investments	_____	186	378	182
Other personal income	_____	1385	222	2578

* Hired help or others boarded.

Table 7. Family Living from the Farm, 1961

Items	Your farm	Average of 127 farms	Your farm	Average of 127 farms
Number of adult equivalents:				
Family	_____	3.5		
Other*	_____	.1		
Whole milk	_____	533 qts.	\$ _____	\$38.96
Skim milk	_____	14 qts.	_____	.14
Cream	_____	1 pt.	_____	.16
Cattle	_____	743 lbs.	_____	155.29
Hogs	_____	367 lbs.	_____	58.56
Sheep	_____	4 lbs.	_____	.39
Poultry	_____	57 lbs.	_____	8.23
Eggs	_____	82 doz.	_____	21.81
Total			\$ _____	\$283.54

* Hired help or others boarded.

CULULATIVE EFFECT OF EXCELLING IN A NUMBER OF MANAGEMENT FACTORS

Studies of earnings of farmers in this area show that there are seven major management factors causing variations in earnings among farmers within a given year. These seven factors are (1) crop yields, (2) choice of crops, (3) returns from livestock, (4) amount of livestock, (5) size of business, (6) work accomplishments per worker, and (7) control of expenses.¹ The combined or cumulative influence of these seven management factors on earnings is shown in Table 8. The farmer's earnings are determined to a considerable extent by his accomplishments in these seven factors.

Table 8. Relation of Labor Earnings to the Number of Factors in Which the Farmer Excels

Number of factors in which farmer excels	Number of farms	Your farm	The length of the shaded lines is in proportion to the average operator's labor earnings	Average labor earnings
None or 1	19	_____	XXXXXXX	\$1661
2 or 3	43	_____	XXXXXXXXXXXXXXXXXXXXXXX	4811
4 or 5	49	_____	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	6695
6 or 7	16	_____	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	7313

The array in Table 8 indicates that it will be worth while for each cooperator to study carefully his ranking on pages 10 and 11, and learn his standing in respect to each of the above factors and the elements of strength and weakness in his farm business.

1. Nodland, T. R., and Pond, G. A. "Some Factors Affecting the Earnings of Farmers in Southwestern Minnesota." University of Minnesota Department of Agricultural Economics, Report No. 219, November 1954.

Table 9. Measures of Farm Organization and Management Efficiency, 1961

Measures used in chart on page 11	Your farm	Average of 127 farms	25 most profit- able farms	25 least profit- able farms
Labor earnings	\$ _____	\$5381	\$12960	\$-1166
Crop yields*	_____	100	104	94
Percent tillable land in high return crops**	_____	69.9	70.6	70.1
Return for \$100 feed to productive livestock***	_____	100	111	88
Productive livestock units per 100 acres****	_____	44.2	42.8	33.8
Size of business--work units	_____	510	642	432
Work units per worker	_____	300	321	270
Pow., mach., equip., & bldg. exp. per work unit	\$ _____	\$13.73	\$12.40	\$17.45
Items related to some of the above measures:				
Index of return for \$100 feed from:				
Dairy cattle (see pages 16 and 17)	_____	100	106	89
Beef cattle--breeding herd (see page 18)	_____	100	-	82
Beef cattle--feeders (see page 18)	_____	100	113	82
Hogs (see page 15)	_____	100	106	90
Sheep--farm flock (see page 19)	_____	100	108	76
Sheep--feeders	_____	100	-	-
Turkeys	_____	100	-	92
Chickens (see page 20)	_____	100	100	98
Number of animal units	_____	122.2	156.6	103.5
Work units on crops	_____	152	210	141
Work units on productive livestock	_____	340	407	279
Other work units	_____	18	25	12
Number of family workers	_____	1.3	1.3	1.1
Number of hired workers	_____	.4	.7	.5
Total number of workers	_____	1.7	2.0	1.6
Power expense per work unit	\$ _____	\$6.51	\$5.60	\$7.71
Crop machinery expense per work unit	_____	3.48	3.18	4.37
Livestock equipment expense per work unit	_____	.98	.93	1.12
Bldg. & fencing expense per work unit	_____	2.76	2.69	4.25

* Given as a percentage of the average.

** Crops are marked in Table 10 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 percent 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 127 farms included in this summary are located between the dotted lines across the center of this page.

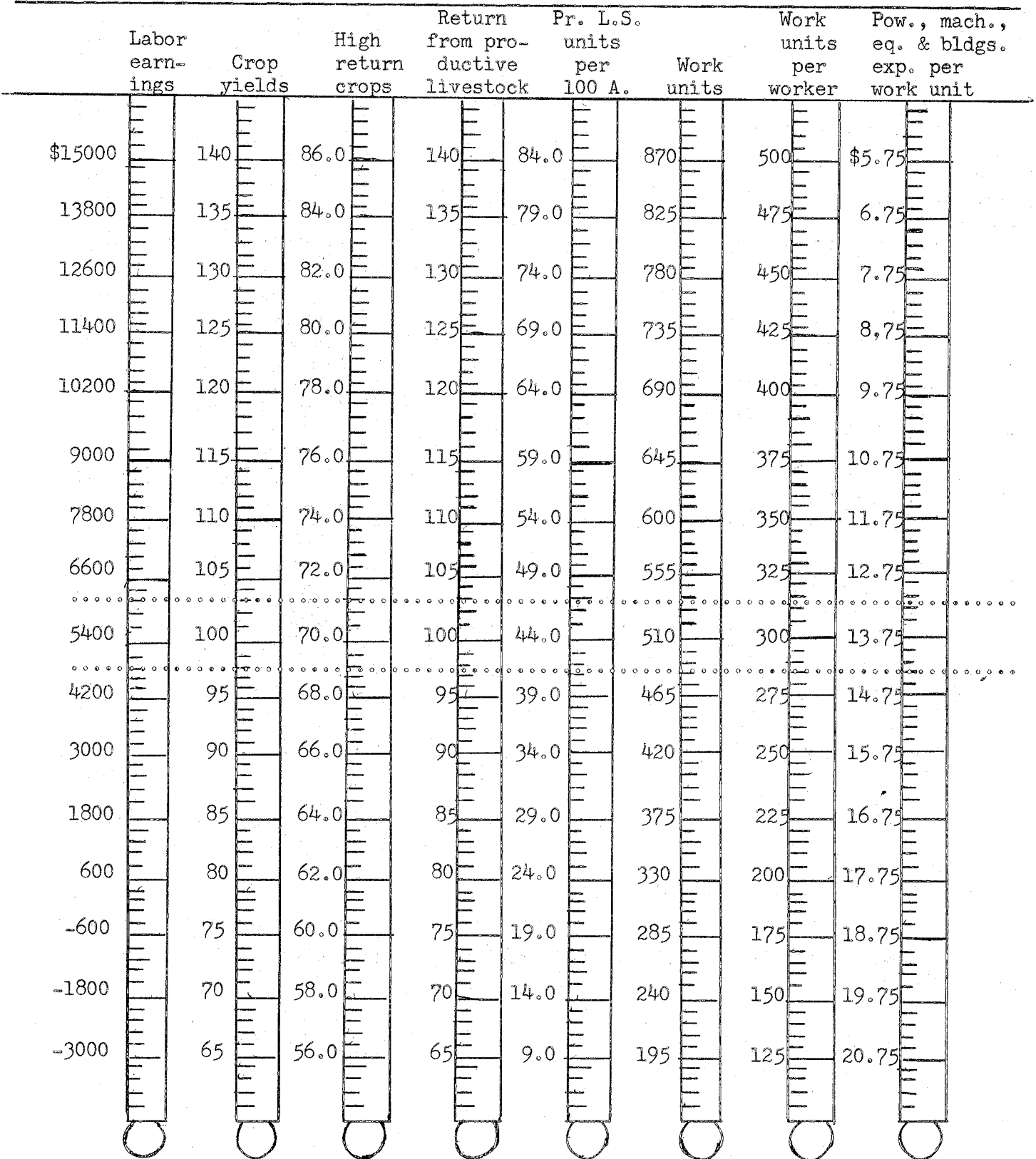


Table 10. Distribution of Acres in Farm, 1961

Crop	Crop ratings*	Number growing this crop	Your farm	Average of 127 farms
Canning peas	B	3	_____	.7
Flax	C	20	_____	5.7
Wheat	C	38	_____	4.7
Oats for silage	C	16	_____	1.8
Oats for grain	D	102	_____	25.6
Barley and rye	D	7	_____	<u>1.9</u>
Total small grain and peas		113	_____	40.4
Corn grain	A	127	_____	120.3
Soybeans for grain	B	91	_____	36.8
Corn silage	B	76	_____	<u>10.5</u>
Total cultivated crops		127	_____	167.6
Alfalfa hay	B	126	_____	29.1
Other legumes and mixtures	C	2	_____	.2
Timothy and brome hay or seed	D	3	_____	.2
Annual hay	D	1	_____	-
Total tillable land in hay		126	_____	29.5
Alfalfa pasture	B	61	_____	7.3
Other legumes and mixtures	C	2	_____	.3
Sudan and/or rape	C	3	_____	.3
Other tillable pasture	D	4	_____	<u>.4</u>
Total tillable land in pasture		63	_____	8.3
Feed-grain program	A	80	_____	25.4
Tillable land not cropped	D	8	_____	.7
Total tillable land		127	_____	271.9
Wild hay		22	_____	2.1
Non-tillable pasture		55	_____	16.1
Timber not pastured		9	_____	.6
Roads and waste			_____	12.1
Farmstead			_____	<u>10.6</u>
Total acres in farm			_____	313.4
Percent land tillable			_____	87.6
Percent tillable land in high return crops			_____	69.9

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

Table 11. Crop Yields per Acre, 1961

Crop	Your farm	Average of farms growing each crop
Canning peas, dollars	\$ _____	\$59.21
Flax, bu.	_____	16.8
Wheat, bu.	_____	31.3
Oat silage, tons	_____	5.8
Oats grain, bu.	_____	59.9
Barley, bu.	_____	42.6
Corn grain, bu.	_____	74.6
Soybeans, bu.	_____	27.4
Corn silage, tons	_____	13.9
Alfalfa hay, tons	_____	3.1
Timothy or brome hay, tons	_____	1.4
Wild hay, tons	_____	.7
Feed grain program, dollars	\$ _____	\$30.70

Table 12. Average Price of Feeds, 1961

Items	Value	Item	Value
Ear corn, per bu.	\$.94	Alfalfa hay, per ton	\$19.50
Oats, per bu.	.60	Red or alsike clover hay, per ton	16.50
Barley, per bu.	.93	Timothy, per ton	11.30
Wheat, per bu.	2.00	Wild hay, per ton	9.75
Soybean meal, per cwt.	4.35	Corn silage, per ton	6.75
Meat scraps, per cwt.	5.60	Pasture, per mo. per cow	2.50
		Skim milk, per cwt.	.32

Table 13. Power and Machinery Expenses per Crop Acre, 1961

Items	Your farm	Average of 127 farms	25 most profitable farms	25 least profitable farms
Crop acres per farm	_____	240	335	222
Tractor expense per crop acre	\$ _____	\$6.27	\$5.47	\$6.33
Crop & gen. mach. exp. per crop acre	_____	7.17	5.96	7.67

TOTAL FEED COSTS AND RETURNS FROM YOUR LIVESTOCK ENTERPRISES

The total "return over feed costs" for each class of livestock is shown in Table 14. 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 14. Total Feed Costs and Returns from Your Livestock Enterprises, 1961

	Dairy cattle			Beef breeding herd
	Cows	Other	All	
Total returns	_____	_____	_____	_____
Total feed cost	_____	_____	_____	_____
Total return over feed	_____	_____	_____	_____
	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 percent of the total costs of maintaining dairy cattle and poultry, 50 percent in the case of a farm flock of sheep, and 75 to 90 percent 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 15. Feed Costs and Returns from Hogs, 1961

Items	Your farm	Average of 102 farms	20 farms highest in returns above feed	20 farms lowest in returns above feed
Feed per cwt. hogs produced, lbs.				
Corn	_____	326	260	451
Small grain	_____	52	64	60
Commercial feeds	_____	<u>79</u>	<u>54</u>	<u>79</u>
Total concentrates	_____	457	378	590
Feed cost per cwt. hogs produced	\$ _____	\$10.20	\$8.50	\$12.52
Net increase in value per cwt. of hogs produced	\$ _____	\$15.64	\$17.07	\$13.51
RETURNS ABOVE FEED COST PER CWT. HOGS PRODUCED	\$ _____	\$ 5.44	\$ 8.57	\$.99
RETURNS FOR \$100 OF FEED	\$ _____	\$ 160	\$ 203	\$ 113
Price received per cwt. hogs sold	\$ _____	\$16.43	\$16.86	\$16.21
Total number of litters raised	_____	36	35	25
Number of pigs born per litter	_____	8.9	9.3	8.8
Number of pigs weaned per litter	_____	7.2	7.6	7.2
Number of feeder pigs bought*	_____	40	17	104
Total weight feeder pigs bought	_____	1567	751	3698
Price paid per feeder pig	\$ _____	\$13.07	\$12.76	\$12.16
Pounds of hogs produced	_____	63982	61064	53880

* Twenty three farmers purchased feeder pigs including 3 of the 20 farms highest in returns above feed and 9 of the 20 farms lowest in returns above feed cost.

Table 16. Factors of Cost and Returns from Dairy Cows, 1961

Items	Your farm	Average of 31 farms	15 farms highest in butterfat per cow	15 farms lowest in butterfat per cow
Pounds of butterfat per cow	_____	352	394	311
Pounds of milk per cow*	_____	9929	11096	8624
Percent of butterfat in milk	_____	3.6	3.6	3.6
Price received per lb. BF sold (cents)	_____	95.9	99.0	92.4
As manufacturing cream (cents)	_____	54.6	-	54.6
Other (cents)	_____	97.2	99.0	95.1
Price received per cwt. milk sold*	\$ _____	\$3.50	\$3.54	\$3.47
Feeds per cow, lbs.				
Corn	_____	2686	2844	2470
Small grain	_____	734	900	559
Commercial feeds	_____	410	522	298
Legume hay	_____	6476	6655	6430
Other hay	_____	26	44	9
Total concentrates	_____	3830	4266	3327
Total hay and fodder	_____	6502	6699	6439
Silage	_____	9044	10150	7658
Feed cost per cow				
Concentrates	\$ _____	\$78.15	\$87.64	\$67.15
Roughages	_____	93.62	100.02	87.55
Pasture	_____	6.11	5.30	7.32
TOTAL FEED COST	\$ _____	\$177.88	\$192.96	\$162.02
Value of produce per cow				
Dairy product sales	\$ _____	\$329.89	\$377.94	\$280.08
Dairy produce used in home	_____	5.05	5.04	5.07
Milk to livestock	_____	5.05	5.86	4.56
Net increase in value of cows	_____	-6.08	-7.04	-5.70
TOTAL VALUE PRODUCED	\$ _____	\$333.91	\$381.80	\$284.01
RETURNS ABOVE FEED COST PER COW	\$ _____	\$156.03	\$188.84	\$121.99
RETURNS FOR \$100 OF FEED	\$ _____	\$193	\$202	\$184
Feed cost per pound BF (cents)	_____	50.5	49.0	52.1
Number of cows**	_____	23.5	29.3	18.3

* 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 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 17. Feed Costs and Returns from Other Dairy Cattle, 1961

Items	Your farm	Average of 31 farms	15 farms highest in butterfat per cow	15 farms lowest in butterfat per cow
Feed per head, lbs.				
Concentrates	_____	773	763	774
Hay and fodder	_____	1561	1613	1559
Silage	_____	2456	2785	2150
Skim milk	_____	28	56	-
Whole milk	_____	129	118	149
TOTAL FEED COST PER HEAD	\$ _____	\$47.80	\$50.68	\$45.62
Net increase in value of other dairy cattle	\$ _____	\$91.25	\$102.56	\$80.72
RETURNS ABOVE FEED COST PER HEAD	_____	\$43.45	\$51.88	\$35.10
RETURNS FOR \$100 OF FEED	\$ _____	\$210	\$226	\$193
Number of head of other dairy	_____	29.9	32.4	28.3

Table 18. Feed Costs and Returns from All Dairy Cattle, 1961

Items	Your farm	Average of 31 farms	15 farms highest in butterfat per cow	15 farms lowest in butterfat per cow
Feed per animal unit, lbs.				
Concentrates	_____	2965	3229	2644
Hay and fodder	_____	5271	5484	5177
Silage	_____	7445	8207	6508
TOTAL FEED COST PER ANIMAL UNIT	\$ _____	\$143.29	\$155.21	\$130.97
Value of produce per animal unit				
Dairy products	\$ _____	\$208.51	\$245.45	\$169.79
Net increase in value of dairy cattle	_____	57.24	56.77	57.74
TOTAL VALUE PRODUCED	\$ _____	\$265.75	\$302.22	\$227.53
RETURNS ABOVE FEED PER ANIMAL UNIT	\$ _____	\$122.46	\$147.01	\$ 96.56
RETURNS PER \$100 OF FEED	\$ _____	\$188	\$197	\$178
Animal units of dairy cattle	_____	38.9	46.4	32.6

Table 19. Feed Costs and Returns from Beef Cattle, 1961

Items	Your farm	Average of all farms
Beef breeding herd: No. of farms		14
Feeds per animal unit, lbs.		
Concentrates		693
Legume hay		3266
Other hay		275
Silage		3596
Feed cost per animal unit		
Concentrates	\$	\$13.72
Roughages		43.01
Pasture		19.67
TOTAL FEED COST	\$	\$76.40
Value of produce per animal unit		
Dairy products	\$	\$ 2.58
Net increase in value of animal		97.63
TOTAL VALUE PRODUCED	\$	\$100.21
RETURNS ABOVE FEED COST PER ANIMAL UNIT	\$	\$23.81
RETURNS FOR \$100 OF FEED	\$	\$152
Pounds of beef produced		
Number of cows and herd bulls		14212
Number of other beef cattle		30.9
Number of animal units in the herd		17.7
		30.0
Feeder cattle: No. of farms		91
Feeds per cwt. beef produced, lbs.		
Corn		605
Small grain		21
Commercial feeds		53
Legume hay		266
Other hay		16
Total concentrates		679
Total hay		282
Silage		533
Feed cost per cwt. beef produced		
Concentrates	\$	\$12.99
Roughages		4.43
Pasture		.17
TOTAL FEED COSTS	\$	\$17.59
Net increase in value of feeders	\$	\$20.07
RETURNS ABOVE FEED COST PER CWT. BEEF PRODUCED	\$	\$ 2.48
RETURNS FOR \$100 OF FEED	\$	\$120
Price paid per cwt. beef bought	\$	\$25.47
Price received for feeder cattle sold	\$	\$22.43
Number of animal units		82.4
Pounds of beef produced		50290

Table 20. Feed Costs and Returns from a Farm Flock of Sheep, 1961

Items	Your farm	Average of 23 farms	11 farms highest in returns above feed	11 farms lowest in returns above feed
Feeds per ewe, lbs.*				
Concentrates	_____	181	130	233
Legume hay	_____	567	336	825
Other hay	_____	43	63	26
Silage	_____	127	29	235
Feed cost per ewe				
Concentrates	\$ _____	\$3.84	\$2.63	\$5.11
Roughages	_____	6.16	3.71	8.92
Pasture	_____	2.92	2.43	3.36
TOTAL FEED COSTS	\$ _____	\$12.92	\$ 8.77	\$17.39
Value of produce per ewe				
Wool	\$ _____	\$5.88	\$5.28	\$6.38
Net increase in value of sheep	_____	9.97	10.91	9.54
TOTAL VALUE PRODUCED	\$ _____	\$15.85	\$16.19	\$15.92
RETURNS ABOVE FEED COST PER EWE	\$ _____	\$ 2.93	\$ 7.42	\$-1.47
RETURNS FOR \$100 OF FEED	\$ _____	\$149	\$213	\$ 88
Price per cwt. of lambs sold	\$ _____	\$15.78	\$15.46	\$15.54
Price per lb. wool sold (cents)	_____	54.0	52.3	52.8
Pounds of wool per sheep sheared	_____	8.8	9.3	8.5
Percent lamb crop**	_____	99	96	105
Percent death loss**	_____	10.2	7.8	11.5
Pounds of sheep produced	_____	3112	2491	3981
Number of head of ewes	_____	45	27	66

* Includes feeds and returns from lambs.

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

Table 21. Feed Costs and Returns from Chickens, 1961*

Items	Your farm	Average of 53 farms	10 farms highest in returns above feed	10 farms lowest in returns above feed
Feed per hen, lbs.				
Grain	_____	74	84	71
Commercial feeds	_____	48	36	58
Total concentrates	_____	122	120	129
TOTAL FEED COST PER HEN	\$ _____	\$3.56	\$3.57	\$3.67
Value of produce per hen				
Eggs sold and used in home	\$ _____	\$4.93	\$5.97	\$3.96
Net increase in value of chickens	_____	-.40	.02	-.97
TOTAL VALUE PRODUCED	\$ _____	\$4.53	\$5.99	\$2.99
RETURNS ABOVE FEED COST PER HEN	\$ _____	.97	2.42	-.68
RETURNS FOR \$100 OF FEED	\$ _____	\$129	\$169	\$80
Price rec'd per doz. eggs sold (cents)	_____	28.5	29.7	28.4
Eggs laid per hen	_____	208	241	168
Ave. no. hens on farm during year	_____	438	892	267
Percent of hens that are pullets	_____	72	84	46
Percent death loss of hens	_____	9	4	12
Number of chicks started				
Pullets	_____	396	860	130
Cockerels	_____	19	20	10
Pounds chickens produced	_____	11299	2954	334

* 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 22.

Table 22. Number of Work Units for Each Class of Livestock and Each Acre of Crop

Item	Number of work units	Item	Number of work units
Dairy cows	10.0 per cow	Small grain	.5 per acre
Other dairy 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

* An 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 23. Summary of Farm Earnings by Years

Items	Average	Average	Average	1955	1956	1957	1958	1959	1960	1961
	1940-44	1945-49	1950-54							
Number of farms	165	140	138	146	135	131	128	136	121	127
Total farm capital	\$36133	\$40590	\$57692	\$64512	\$70144	\$73316	\$80689	\$87567	\$89567	\$92876
Monthly charge for										
Unpaid family labor*	63	118	130	130	135	135	135	135	135	150
Board to hired labor*	23	33	36	36	38	38	38	38	38	40
FARM EXPENSES										
Dairy cattle bought	\$ 120	\$ 175	\$ 215	\$ 98	\$ 196	\$ 121	\$ 125	\$ 217	\$ 206	\$ 190
Beef cattle bought	1405	2027	4097	3865	5506	7050	11084	10589	10558	12429
Hogs bought	275	447	448	384	322	462	640	559	635	672
Sheep bought (incl. feeders)	596	365	599	483	837	786	216	261	54	207
Poultry bought (incl. turkeys)	140	165	190	181	264	258	211	210	212	235
Horses bought	139	11	6	2	2	7	8	7	3	3
Miscellaneous livestock expense	140	248	378	424	468	511	593	626	560	607
Miscellaneous crop expense	402	869	1234	1690	1539	1728	2158	1956	2027	2106
Feed bought	2041	3191	4323	4498	5291	5182	6141	6404	6250	6233
Custom work hired	193	356	438	587	646	688	814	734	827	854
Power machinery (new)	320	757	864	802	634	852	1396	807	473	844
Power machinery (upkeep, gas, oil)	551	1081	1422	1570	1636	1786	2041	1974	2152	2105
Crop and general machinery (new)	335	912	1000	719	790	1123	1112	1222	1131	921
Crop and general machinery (upkeep)	124	284	313	338	375	408	442	425	469	423
Livestock equipment (new)	112	99	164	241	210	332	403	450	364	388
Livestock equipment (upkeep)	55	111	135	144	170	207	210	238	176	215
Buildings and fencing (new)	341	676	881	786	618	782	1047	926	828	1424
Buildings and fencing (upkeep)	149	319	312	272	254	316	365	395	311	326
Hired labor	593	794	883	895	863	1024	1125	1058	1017	1072
Taxes	330	403	622	724	804	866	999	1158	1245	1287
Insurance	33	56	90	130	153	155	147	183	190	190
General farm	65	118	170	197	205	187	237	226	225	228
Total farm purchases	\$ 8359	\$13464	\$18784	\$19030	\$21783	\$24831	\$31514	\$30625	\$29913	\$32959
Decrease in farm capital	-	-	-	2132	-	-	-	1652	-	-
Interest on farm capital	1806	2030	2885	3226	3507	3666	4034	4378	4454	4644
Unpaid family labor	310	377	358	355	371	341	412	416	464	492
Board furnished hired labor	142	107	91	95	87	89	89	102	103	69
Total farm expense	\$10617	\$15978	\$22118	\$24838	\$25748	\$28927	\$36049	\$37173	\$34934	\$38164

* These adjustments should be considered in comparing 1961 results with previous years.

Table 23. Summary of Farm Earnings by Years (continued)

Items	Average			1955	1956	1957	1958	1959	1960	1961
	1940-44	1945-49	1950-54							
FARM RECEIPTS										
Dairy cattle	\$ 383	\$ 573	\$ 695	\$ 524	\$ 438	\$ 481	\$ 704	\$ 776	\$ 593	\$ 614
Dairy products	783	988	1085	1091	1324	1540	1499	1797	1761	2027
Beef cattle	3140	4246	7918	7478	10595	12392	16980	17678	19601	18855
Hogs	3622	6775	7455	6147	5797	7577	8781	7487	7251	8528
Sheep and wool	928	651	978	798	1344	1327	822	612	305	279
Poultry (incl. turkeys)	563	525	526	550	608	544	506	443	672	429
Eggs	597	1035	965	954	1190	953	1130	839	1078	989
Horses	44	23	8	4	7	5	7	4	10	3
Corn	584	1138	1855	3697	3385	2933	2824	2904	2443	2799
Small grain	1031	2055	1236	920	809	595	769	941	1022	1147
Other crops	400	879	1023	1850	1867	1666	1906	1507	1816	2995
Machinery and equipment sold	196	364	367	222	203	280	264	359	289	417
Agricultural adjustment payment	370	65	64	26	76	68	22	29	96	34
Income from work off the farm	174	313	349	377	332	390	537	357	350	305
Miscellaneous	224	78	137	252	315	261	324	379	293	358
Total farm sales	\$13039	\$19708	\$24661	\$24890	\$28290	\$31012	\$37075	\$36112	\$37580	\$39779
Increase in farm capital	1098	2395	1845	-	2423	1895	5253	-	2136	3483
Family living from the farm	553	666	553	271	250	266	317	288	309	284
Total farm receipts	\$14690	\$22769	\$27059	\$25161	\$30963	\$33173	\$42645	\$36400	\$40025	\$43546
Total farm expenses	10617	15978	22118	24838	25748	28927	36049	37173	34934	38164
Labor earnings	\$ 4073	\$ 6791	\$ 4941	\$ 323	\$ 5215	\$ 4246	\$ 6596	\$ -773	\$ 5091	\$ 5382
MEASURES OF FARM ORGANIZATION AND MANAGEMENT										
Percent high return crops*	41.2	56.4	59.7	60.6	63.0	60.8	65.2	67.2	67.0	69.9
Livestock units per 100 acres**	23.6	20.3	30.3	36.1	37.8	39.6	39.6	43.7	41.7	44.2
Work units***	588	501	470	412	433	472	508	518	514	510
Work units per worker***	273	285	283	242	271	278	299	305	302	300
Expenses per work unit***	\$3.02	\$6.23	\$9.49	\$12.34	\$12.72	\$12.50	\$13.50	\$12.97	\$13.45	\$13.73

* 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 24. Summary of Miscellaneous Items by Years

Items	Average			1955	1956	1957	1958	1959	1960	1961
	1940-44	1945-49	1950-54							
RETURN ABOVE FEED COST PER										
Dairy cow	\$61.87	\$114.96	\$111.51	\$94.83	\$113.19	\$123.20	\$152.06	\$143.44	\$155.52	\$156.03
Dual-purpose cow	41.43	65.98	44.82	53.23	59.34	-	-	-	-	-
Animal unit in beef herd	21.90	46.46	42.51	-6.16	-6.13	27.98	85.75	48.99	71.65	23.81
100 lbs. feeder cattle produced	3.11	8.87	5.26	1.93	4.55	10.14	9.93	2.88	5.77	2.48
Ewe	-	-	-	-	-	13.33	6.65	6.61	7.14	2.93
100 lbs. hogs produced	4.05	6.29	6.23	.34	4.98	7.44	8.60	1.24	6.10	5.44
Hen	1.72	2.15	1.09	1.48	.96	1.07	1.64	.09	1.63	.97
FEED COST PER										
Dairy cow	67.74	121.21	142.90	136.98	137.55	141.86	157.92	162.71	152.64	177.88
Dual-purpose cow	53.40	101.44	118.33	94.80	111.68	-	-	-	-	-
Animal unit in beef herd	38.90	68.30	97.48	95.93	83.88	80.41	79.27	78.98	73.70	76.40
Cwt. of feeder cattle produced	14.56	21.66	22.68	19.06	18.09	17.44	16.31	17.61	16.69	17.59
Ewe	-	-	-	-	-	12.81	15.10	12.16	12.94	12.92
100 lbs. hogs produced	7.36	12.70	12.95	11.17	10.76	10.39	9.82	10.24	10.16	10.20
Hen	2.28	4.28	4.66	4.02	4.18	3.91	3.64	3.71	3.22	3.56
MISCELLANEOUS LIVESTOCK INFORMATION										
Number of dairy or dual pur. cows	8.1	5.3	4.7	4.6	5.0	5.7	5.1	5.7	5.5	5.9
Head in beef breeding herd	10.5	9.4	11.1	11.7	10.0	10.0	9.0	12.1	4.1	5.3
Pounds feeder cattle produced	9336	6676	12137	18423	23043	28405	34668	33886	38554	39059
Litters of pigs	18.5	19.5	21.7	25.2	22.2	20.4	26.6	28.7	25.6	28.9
Pounds of hogs produced	30411	34292	37265	42517	38898	41677	47303	51451	45578	51584
Number of hens	197	202	187	182	222	200	214	203	210	190
Pounds of BF per dairy cow	246	257	282	295	298	301	326	336	344	352
Number of pigs weaned per litter	6.1	6.3	6.7	7.0	7.3	7.3	7.3	7.0	6.7	7.2
Percent lamb crop	105	109	107	113	116	112	107	105	108	99
Eggs per hen	134	171	180	188	201	204	202	207	204	208

Table 24. Summary of Miscellaneous Items by Years (continued)

Items	Average			1955	1956	1957	1958	1959	1960	1961
	1940-44	1945-49	1950-54							
PRICE RECEIVED FOR										
Pound of BF in milk	\$.64	\$.98	\$.94	\$.88	\$.92	\$.92	\$.91	\$.91	\$.92	\$.97
Pound of BF in cream	.44	.73	.72	.61	.63	.65	.58	.58	.57	.55
100 pounds fat cattle	11.73	21.71	26.61	20.73	19.49	21.59	25.10	25.63	23.63	22.43
Pound of wool	.38	.41	.60	.42	.65	.59	.36	.53	.59	.54
Dozen eggs	.26	.37	.35	.33	.31	.28	.30	.24	.29	.29
100 pounds hogs sold	10.86	19.54	19.43	14.33	14.15	17.86	19.61	13.83	15.18	16.43
PRICE OF FEED										
Corn, bu.	.70	1.24	1.31	1.23	1.25	1.10	.98	.98	.96	.94
Oats, bu.	.46	.74	.74	.61	.63	.61	.54	.58	.58	.60
Barley, bu.	.58	1.31	1.15	.93	.94	.91	.90	.92	.87	.93
Alfalfa hay, ton	10.00	18.60	18.30	18.00	18.50	17.00	17.75	19.75	19.50	19.50
Timothy hay, ton	6.24	10.86	10.60	10.40	10.95	9.80	10.25	11.50	11.20	11.30
Corn silage, ton	3.20	6.07	6.00	6.00	6.00	5.80	6.00	6.60	6.50	6.75
Bran, cwt.	1.80	2.98	3.05	2.65	2.55	2.50	2.40	2.60	-	-
Soybean meal, cwt.	2.51	4.15	4.50	-	3.70	-	3.50	3.85	3.85	4.35
ACRES PER FARM										
Small grains	89.9	73.9	70.5	52.5	49.3	52.4	45.5	44.4	48.3	40.4
Cultivated crops	89.5	100.3	107.0	130.1	134.6	147.9	167.2	188.6	185.9	167.6
Tillable land in hay	27.4	19.1	28.1	34.1	41.1	35.8	31.0	32.6	34.7	29.5
Tillable land in pasture	24.5	15.2	14.8	15.6	16.0	12.9	11.5	9.8	6.7	8.3
Tillable land not cropped	<u>5.1</u>	<u>2.4</u>	<u>1.4</u>	<u>1.0</u>	<u>4.8</u>	<u>2.5</u>	<u>2.7</u>	-	<u>1.6</u>	<u>26.1</u>
Total tillable land	236.4	210.9	221.8	233.3	245.8	251.5	257.9	275.4	277.2	271.9
Non-tillable land	<u>45.6</u>	<u>43.1</u>	<u>43.4</u>	<u>38.7</u>	<u>38.2</u>	<u>41.0</u>	<u>43.5</u>	<u>41.2</u>	<u>43.3</u>	<u>41.5</u>
Total acres per farm	282.0	254.0	265.2	272.0	284.0	292.5	301.4	316.6	320.5	313.4
YIELDS PER ACRE										
Flax, bu.	10.5	13.7	11.5	15.9	9.9	9.0	15.7	14.4	16.1	16.8
Barley, bu.	25.1	34.1	29.0	34.5	25.9	26.9	48.5	37.4	42.7	42.6
Oats, bu.	40.4	46.3	41.4	55.1	39.7	42.1	67.4	54.2	56.0	59.9
Corn grain, bu.	49.7	47.8	53.7	51.5	65.0	63.5	57.8	47.6	64.7	74.6
Corn silage, tons	8.9	8.4	9.2	8.8	10.5	10.3	10.5	8.6	10.2	13.9
Soybeans, bu.	17.8	14.4	19.8	21.3	22.3	26.8	20.4	21.6	24.7	27.4
Alfalfa hay, tons	2.2	2.1	2.5	2.2	2.7	2.7	2.4	2.4	2.8	3.1