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1956
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

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Report No. 232
Department of Agricultural Economics
Institute of Agriculture
St. Paul 1, Minnesota
May, 1957

1956 ANNUAL REPORT OF THE SOUTHWESTERN MINNESOTA FARM MANAGEMENT SERVICE

Prepared by T. R. Nodland, G. A. Pond, and R. G. Johnson

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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 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.

The analysis of the records and the preparation of the report are handled by the Department of Agricultural Economics under the direction of G. A. Pond and T. R. Nodland. Extension work in connection with the two services is handled by E. Hartmans and Harland Routhe. Donald Richter was the field agent for this project until August 1 and was followed by Paul Calvin. At the end of the year, R. B. Zoller, S. A. Engene and Kenneth Thomas of the Department of Agricultural Economics, 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 1956.

Southwestern Minnesota			
County	No. of records	Association Officers	County Agricultural Extension Agent
Cottonwood	11	Walter Schmotzer, Director	Herman Vossen
Faribault	14	Glenn Kaehler, Director	James Johnson
Jackson	22	Arnold Hussong, Director Steve Rubis, President	Ray Palmby
Martin	8	Wayne Strong, Vice President	Robert McDell
Murray	16	Arthur Foster, Secy-Treas. Robert Keller, Director	George E. Records
Nobles	46	Kenneth Hansberger, Director Walter Strom, Director Marian Lester, Director Dale Hansberger, Director	Ross Huntsinger
Pipestone	7	Kenneth Butman, Director	Clem Chase
Redwood	20	Melvin Manguson, Director	J. I. Swedberg
Rock	1		Gregory Leuhr
Watsonwan	6	Clayton Johnson, Director	John Ankeny
Total	151		

The data for 135 farms are shown in the tables on succeeding pages. Thirteen farms were omitted from all of the averages in the tables because the records were not sufficiently complete for a full analysis. Three records were not returned for analysis following completion of income tax schedules.

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, 1956*

Items	Your farm		Average of 135 farms	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Size of farm (acres)			284	
Size of business (work units)**			433	
Dairy and dual purpose cows	\$	\$	\$776	\$874
Other dairy & dual purpose cattle			441	390
Beef cattle (incl. feeders)			6210	7044
Hogs			1701	2333
Sheep (including feeders)			508	583
Poultry (including turkeys)			295	255
Productive livestock (total)			\$9931	\$11479
Horses			19	15
Crop, seed and feed			8456	9751
Auto (farm share)			1596	1472
Tractors			2333	2310
Crop and general machinery			4792	4625
Livestock equipment and supplies			997	1006
Machinery & equipment (total)			\$9718	\$9413
Land			28724	28724
Buildings, fences, etc.			12084	11973
Total farm capital	\$	\$	\$68932	\$71355

Items	27 most profitable farms		27 least profitable	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Size of farm (acres)	401		291	
Size of business (work units)**	600		382	
Dairy and dual purpose cows	\$580	\$616	\$597	\$691
Other dairy & dual purpose cattle	292	294	346	279
Beef cattle (incl. feeders)	10294	13986	7102	7534
Hogs	2451	3901	1448	1796
Sheep (including feeders)	464	368	882	1051
Poultry (including turkeys)	338	228	182	202
Productive livestock (total)	\$11419	\$19393	\$10557	\$11553
Horses	20	16	17	9
Crop, seed and feed	13736	15480	9851	10040
Auto (farm share)	1855	1791	1594	1354
Tractors	3294	3416	2573	2336
Crop and general machinery	6586	6899	5044	4728
Livestock equipment and supplies	1387	1568	905	811
Machinery and equipment (total)	\$13122	\$13674	\$10116	\$9229
Land	39741	39741	30680	30680
Buildings, fences, etc.	17193	16377	14326	14213
Total farm capital	\$98231	\$104681	\$75547	\$75724

* 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 21 for an explanation of "work units."

Table 2. Summary of Farm Earnings (Cash Statement), 1956

Items	Your farm	Average of 135 farms	27 most profitable farms	27 least profitable farms
FARM RECEIPTS				
1. Dairy cattle		\$ 438	\$ 363	\$ 256
2. Dairy products		1324	1204	1030
3. Beef cattle (including feeding cattle)		10595	20316	9437
4. Hogs		5797	8932	4178
5. Sheep and wool		1344	764	4471
6. Horses		7	6	7
7. Poultry (including turkeys)		608	781	131
8. Eggs		1190	1221	918
9. Corn		3385	6198	3426
10. Small grain		809	1402	744
11. Other crops		1867	3189	2133
12. Machinery & equipment sold		203	259	352
13. Income from work off the farm		332	381	241
14. Miscellaneous		391	492	572
15. Total farm sales		\$28290	\$45508	\$27896
16. Increase in farm capital		2423	6450	177
17. Family living from the farm		250	297	250
18. Total farm receipts		\$30963	\$52255	\$28323
FARM EXPENSES				
19. Dairy and dual-purpose cattle bought		\$ 196	\$ 135	\$ 116
20. Beef cattle bought (incl. feeding cattle)		5506	11382	5209
21. Hogs bought		322	399	325
22. Sheep bought		837	488	3223
23. Horses bought		2	-	-
24. Poultry bought (including turkeys)		264	220	136
25. Misc. livestock expenses		468	649	396
26. Feed bought		5291	7647	6140
27. Fertilizers		722	1354	570
28. Other crop expenses		817	1161	815
29. Custom work hired		646	908	755
30. Gas, oil and grease bought (farm share)		947	1252	1053
31. Repairs for tractors, trucks & autos (farm share)		485	560	521
32. Repair and upkeep of farm real estate		254	269	253
33. Repair and upkeep of crop & gen. mach.		375	483	405
34. Repair and upkeep of livestock equip.		170	228	195
35. Wages of hired labor		863	1783	1056
36. Electricity expense		204	237	219
37. Pers. prop. and real est. taxes		804	1154	799
38. Telephone and general farm expense		358	416	411
39. Total cash operating expense		\$19531	\$30725	\$22597
40. Mechanical power bought (farm share)		634	1045	362
41. Crop and general machinery bought		790	1582	736
42. Livestock equipment bought		210	389	175
43. New real estate improvements		618	288	783
44. Total farm purchases		\$21783	\$34029	\$24653
45. Decrease in farm capital		-	-	-
46. Interest on farm capital		3507	5073	3782
47. Unpaid family labor		371	349	454
48. Board furnished hired labor		87	146	79
49. Total farm expenses		\$25748	\$39597	\$28968
50. Labor earnings		\$5215	\$12658	\$-645

Table 3. Summary of Farm Earnings (Enterprise Statement), 1956*

Items	Your farm	Average of 135 farms	27 most profitable farms	27 least profitable farms
RETURNS AND NET INCREASES				
1. Dairy and dual-purpose cows	\$ _____	\$1304	\$1240	\$ 984
2. Other dairy & dual-purpose cattle	_____	445	362	250
3. Beef breeding herd	_____	404	292	713
4. Feeder cattle	_____	5558	12420	4076
5. Hogs	_____	6153	10043	4242
6. Sheep--farm flock	_____	304	121	207
7. Sheep--feeders	_____	279	61	1210
8. Turkeys	_____	372	683	-
9. Chickens	_____	1184	1049	993
10. All productive livestock	\$ _____	\$16003	\$26271	\$12675
11. Value of feed fed to livestock	_____	11280	17878	10401
12. Return over feed from livestock	\$ _____	\$ 4723	\$ 8393	\$ 2274
13. Crops, seed and feed	_____	11776	20212	9354
14. Income from labor off the farm	_____	177	145	176
15. Agricultural conservation payments	_____	76	66	107
16. Miscellaneous	_____	312	426	465
17. Total returns and net increases	\$ _____	\$17064	\$29242	\$12376
EXPENSES AND NET DECREASES				
18. Horses	\$ _____	\$ 4	\$ 6	\$ 3
19. Truck	_____	299	408	277
20. Auto (farm share)	_____	546	531	614
21. Tractor	_____	1139	1534	1281
22. Electricity (farm share)	_____	214	237	242
23. Hired power	_____	273	406	317
24. Total power	\$ _____	\$2475	\$3122	\$2734
25. Crop and general machinery	_____	1392	1805	1562
26. Livestock equipment	_____	341	397	419
27. Buildings, fencing, and tiling	_____	973	1392	1076
28. Misc. productive livestock expenses	_____	468	648	396
29. Labor	_____	1531	2577	1842
30. Real estate taxes	_____	633	924	627
31. Personal property tax	_____	171	230	172
32. Insurance	_____	153	197	173
33. General farm	_____	205	219	238
34. Interest on farm capital	_____	3507	5073	3782
35. Total expenses and net decreases	\$ _____	\$11849	\$16584	\$13021
36. Labor earnings	\$ _____	\$ 5215	\$12658	\$ -645

* 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 operator's 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, 1956 (Operator's share)

Items	Your farm		24 Owners	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Total acres in farm			233	
Owned			233	
Rented			-	
Total farm capital	\$	\$	\$54478	\$57736
Stocks and bonds			2636	2415
Life insurance			2316	2410
Notes and accounts receivable			988	1055
Shares in cooperative organizations			758	832
Outside real estate			2849	3714
Cash on hand in bank			2358	2118
Household furnishings and clothing			2225	2279
Personal share of auto			682	616
Farm dwelling			4264	4057
Total non-farm assets	\$	\$	\$19076	\$19496
Total assets			73554	77232
Federal Land Bank mortgage			3417	3333
Other mortgages on farm operated			7328	7517
Loans on other real estate			-	-
Production credit association loans			1143	1332
Sealed grain			1050	780
Other chattel mortgages			2082	2291
Notes payable			1886	2099
Accounts payable			471	880
Total liabilities	\$	\$	\$17377	\$18232
Farmer's net worth	\$	\$	\$56177	\$59000
Change in net worth				+ 2823

Items	14 part-owners*		25 renters**	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
Total acres in farm	264		264	
Owner	139		-	
Rented	125		264	
Total farm capital	\$50483	\$53637	\$18363	\$19562
Stocks and bonds	1134	1495	1356	1203
Life insurance	1767	1959	1042	1091
Notes and accounts receivable	8	57	339	204
Shares in cooperative organizations	482	645	115	162
Outside real estate	118	2118	-	280
Cash on hand and in bank	1159	713	1849	2147
Household furnishings and clothing	2923	2944	2340	2464
Personal share of auto	515	399	532	505
Farm dwelling	4950	4898	-	-
Total non-farm assets	\$13056	\$15228	\$ 7573	\$ 8056
Total assets	63539	68865	25936	27618
Federal Land Bank mortgage	2998	2938	-	-
Other mortgages on farm operated	10814	10121	-	-
Loans on other real estate	57	1914	-	-
Production credit association loans	1179	1077	607	165
Sealed grain	547	264	73	79
Other chattel mortgages	572	1245	2076	2494
Notes payable	2446	2906	1700	1789
Accounts payable	492	732	547	126
Total liabilities	\$19105	\$21197	\$ 5003	\$ 4653
Farmer's net worth	\$44434	\$47668	\$20933	\$22965
Change in net worth		+ 3234		+ 2032

* 2 rented for cash, 4 cash and crop share, and 8 crop share

**4 rented for cash, 10 cash and crop share, 1 crop share and 10 livestock & crop share.

Table 5. Summary of Farm Earnings by Tenure, 1956 (Operator's share)

Items	Your farm	24 owners	14 part owners	25 renters
FARM RECEIPTS				
Dairy and dual-purpose cattle	\$	\$ 438	\$ 959	\$ 281
Dairy products		1675	1358	1013
Beef cattle (including feeders)		11634	5338	5879
Hogs		6411	7533	5012
Sheep and wool (including feeders)		508	357	121
Horses		7	11	-
Poultry (including turkeys)		2043	164	73
Eggs		836	1314	696
Corn		1272	2292	1720
Small grain		671	474	409
Other crops		712	1531	900
Machinery and equipment sold		170	143	240
Income from work off the farm		364	336	183
Miscellaneous		439	381	471
(1) Total farm sales	\$	\$27180	\$22191	\$16998
(2) Increase in farm capital		3258	3154	1199
(3) Family living from the farm		218	264	216
(4) Total farm receipts (1)+(2)+(3)	\$	\$30656	\$25609	\$18413
FARM EXPENSES				
Dairy and dual-purpose cattle bought	\$	\$ 250	\$ 260	\$ 155
Beef cattle bought (including feeders)		6140	2733	2623
Hogs bought		427	263	301
Sheep bought (including feeders)		256	42	14
Horses bought		-	-	5
Poultry (including turkeys)		702	185	94
Miscellaneous livestock expense		612	509	350
Feed		6567	4266	3958
Fertilizers		516	725	415
Other crop expense		723	739	569
Custom work hired		632	680	458
Gas, oil and grease		911	814	672
Rep. tractor, truck & auto (farm share)		480	473	370
Rep. and upkeep of real estate		276	229	50
Rep. and upkeep of crop & gen. mach.		340	298	273
Rep. and upkeep of livestock equip.		152	186	95
Wages of hired labor		1140	1030	566
Electricity expense (farm share)		181	228	154
Real estate and pers. prop. taxes		678	505	133
Cash rent		-	412	522
General farm and insurance		415	413	277
Interest paid		816	682	235
Total cash operating expense	\$	\$22214	\$15672	\$12289
Mechanical power bought (farm share)		434	561	398
Crop and general machinery bought		630	863	500
Livestock equipment bought		234	245	237
New real estate improvements		736	728	55
(5) Total farm purchases	\$	\$24248	\$18069	\$13479
(6) Decrease in farm capital		-	-	-
(7) Interest on farm capital		1989	1921	713
(8) Unpaid family labor		163	170	186
(9) Board furnished hired labor		100	63	42
(10) Total farm expenses (5)+(6)+(7)+(8)+(9)		\$26500	\$20223	\$14420
(11) Labor earnings (4)-(10)	\$	4156	5386	3993
(12) Ret. to cap. & fam. lab. (7)+(8)+(11)	\$	6308	7477	4892

Table 6. Household and Personal Expenses for Those Farms Which Kept Complete Accounts of These Expenses, 1956

Items	Your farm	Average of 56 farms	11 most profit- able farms	11 least profit- able farms
Number of persons - family	_____	4.7	5.2	4.6
Number of adult equivalent - family	_____	3.4	3.4	3.4
other*	_____	.2	.2	.7
EXPENSES				
Food and meals bought	\$ _____	\$ 914	\$ 960	\$ 996
Operating and supplies	_____	269	277	300
Furnishings and equipment	_____	267	295	217
Clothing and clothing materials	_____	348	342	392
Personal care and spending	_____	101	99	98
Education and recreation	_____	188	243	163
Gifts and special events	_____	138	142	182
Medical and hospital insurance	_____	349	323	406
Church and welfare	_____	280	195	145
Personal share of auto expense	_____	167	189	182
Upkeep on dwelling	_____	119	29	228
Pers. share of tel. and elect. exp.	_____	105	105	112
Total cash living expense	\$ _____	\$3245	\$3199	\$3421
Personal share new autos	_____	115	111	32
New dwelling	_____	562	1862	-
Taxes	_____	231	141	274
Life insurance	_____	360	424	351
Other savings and investments	_____	165	531	111
Total household & pers. cash exp.	\$ _____	\$4678	\$6268	\$4189
Family living from the farm	_____	261	309	265
Total cash expenses and perquisites	\$ _____	\$4939	\$6577	\$4454
RECEIPTS				
Return to capital and family labor	\$ _____	\$5858	\$10074	\$2322
Income from outside investments	_____	146	133	-
Other personal income	_____	576	639	1541

* Hired help or others boarded.

Table 7. Family Living from the Farm, 1956

Items	Your farm	Average of 135 farms	Your farm	Average of 135 farms
No. of adult equivalents:				
Family	_____	3.4		
Other*	_____	.2		
Whole milk	_____	596 qts.	_____	\$43.85
Skim milk	_____	49 qts.	_____	.49
Cream	_____	27 pts.	_____	5.65
Butter	_____	1 lb.	_____	.63
Cattle	_____	540 lbs.	_____	90.59
Hogs	_____	343 lbs.	_____	46.83
Sheep	_____	3 lbs.	_____	.63
Poultry	_____	112 lbs.	_____	19.56
Eggs	_____	137 doz.	_____	41.30
Total			\$ _____	\$249.53

* Hired help or others boarded.

CUMULATIVE 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 over expenses. 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 Operator's Labor Earnings to the Number of Factors in which the Farmer Excels

No. of factors in which farmer excels	No. of farms	Your farm	The length of the shaded lines is in proportion to the average operator's labor earnings	Average labor earnings
None	10	_____	XXXX	\$ 926
1	18	_____	XXXXXXXX	1698
2	18	_____	XXXXXXXXXXXXXXXXXXXX	4474
3	28	_____	XXXXXXXXXXXXXXXXXXXX	4806
4	27	_____	XXXXXXXXXXXXXXXXXXXX	5793
5	22	_____	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	8244
6 or 7	12	_____	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	9260

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.

Table 9. Measures of Farm Organization and Management Efficiency, 1956

Measures used in chart on page 11	Your farm	Average of 135 farms	27 most profitable farms	27 least profitable farms
1. Labor earnings	_____	\$5215	\$12658	\$-645
2. Crop yields*	_____	100	112	89
3. Percent tillable land in high ret. crops**	_____	63.0	65.0	61.0
4. Ret. for \$100 feed to prod. livestock***	_____	100	105	94
5. Prod. livestock units per 100 acres****	_____	37.8	45.7	30.0
6. Size of business--work units	_____	433	600	382
7. Work units per worker	_____	271	286	225
8. Pow., mach., equip., & bldg. exp. per work unit	_____	\$12.72	\$11.18	\$16.00
Items related to some of the above measures:				
Index of return for \$100 feed from:				
9. Dairy cattle (see pages 16 and 17)	_____	100	120	86
10. Dual-purpose cattle	_____	100	-	-
11. Beef cattle--breeding herd (see page 18)	_____	100	89	87
12. Beef cattle--feeders (see page 18)	_____	100	109	100
13. Hogs (see page 15)	_____	100	102	93
14. Sheep--farm flock (see page 19)	_____	100	-	58
15. Sheep--feeders (see page 19)	_____	100	123	-
16. Turkeys	_____	100	-	-
17. Chickens (see page 20)	_____	100	92	108
18. Number of animal units	_____	92.2	150.0	81.4
19. Work units on crops	_____	140	209	135
20. Work units on productive livestock	_____	275	376	229
21. Other work units	_____	18	15	18
22. Number of family workers	_____	1.2	1.2	1.2
23. Number of hired workers	_____	.4	.9	.5
24. Total number of workers	_____	1.6	2.1	1.7
25. Power expense per work unit	_____	\$6.15	\$5.25	\$7.69
26. Crop machinery expense per work unit	_____	3.44	3.00	4.36
27. Livestock equip. expense per work unit	_____	.79	.64	.99
28. Bldg. & fencing exp. per work unit	_____	2.34	2.29	2.96

* 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 135 farms included in this summary are located between the dotted lines across the center of this page.

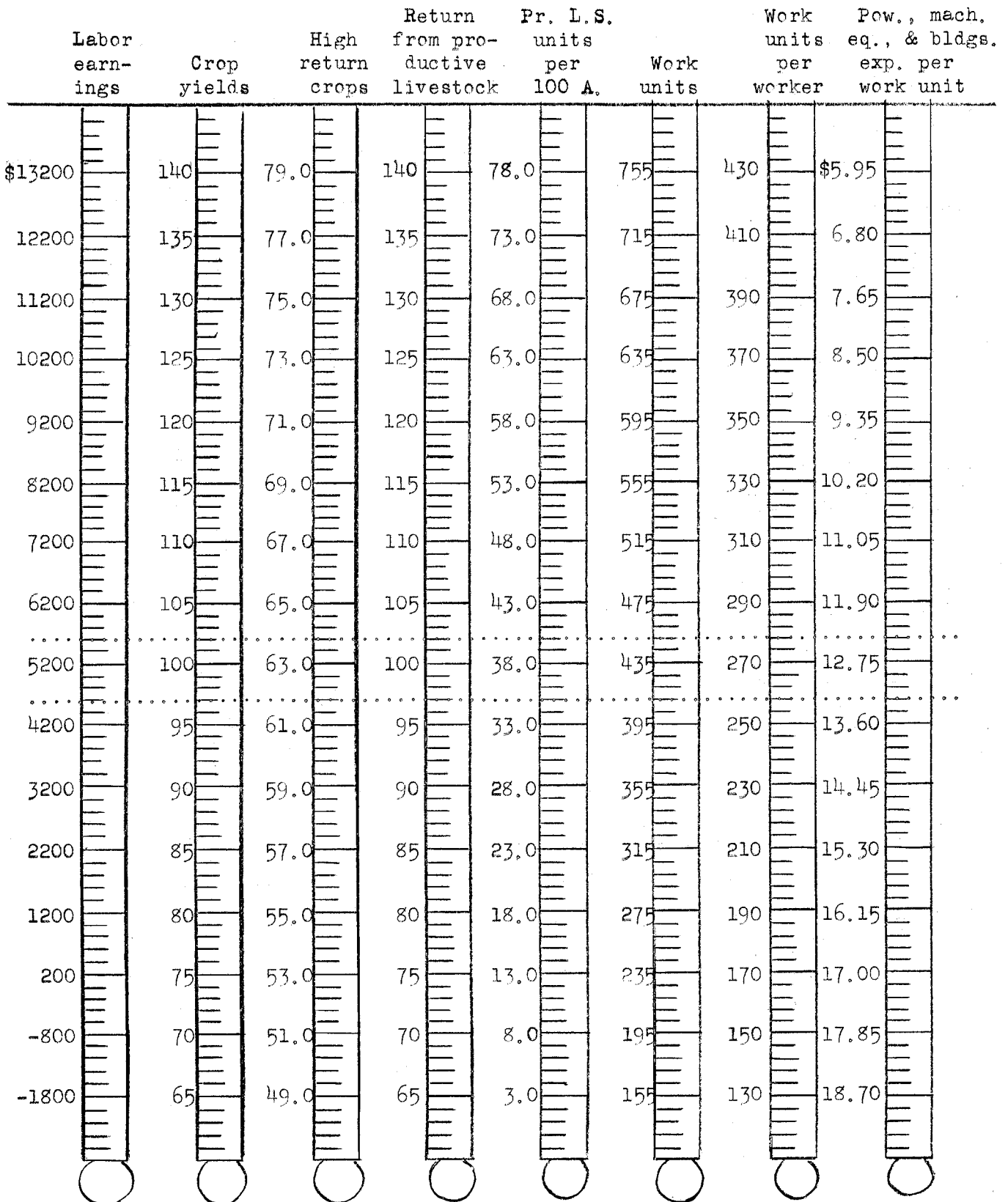


Table 10. Distribution of Acres in Farm, 1956

Crop	Crop ratings*	Number growing this crop	Your Farm	Average of 135 farms
Canning peas	A	4	_____	.5
Flax	C	50	_____	12.5
Barley	D	13	_____	2.7
Oats	D	118	_____	33.3
Wheat and misc. small grains	D	7	_____	.3
Total small grain and peas		122	_____	49.3
Seed corn, potatoes, truck crops	A	2	_____	-
Corn grain	A	135	_____	97.6
Sweet corn	B	4	_____	.7
Soybeans for grain	B	90	_____	30.2
Corn silage	C	69	_____	6.1
Total cultivated crops		135	_____	134.6
Alfalfa hay	B	133	_____	31.3
Other legumes and mixtures	C	9	_____	1.3
Timothy and brome hay or seed	D	8	_____	.3
Annual hay	D	8	_____	1.0
Oat silage	D	46	_____	7.2
Total tillable land in hay		135	_____	41.1
Alfalfa pasture	A	92	_____	13.9
Other legumes and mixtures	C	4	_____	.4
Sudan and/or rape	C	6	_____	.3
Other tillable pasture	D	18	_____	1.4
Total tillable land in pasture		99	_____	16.0
Soil bank	A	39	_____	4.3
Tillable land not cropped	D	6	_____	.5
Total tillable land		135	_____	245.8
Wild hay		22	_____	1.9
Non-tillable pasture		72	_____	16.9
Timber not pastured		12	_____	.7
Roads and waste			_____	10.3
Farmstead			_____	8.7
Total acres in farm			_____	284.3
Percent land tillable			_____	86.5
Percent tillable land in high return crops			_____	63.0

* 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, 1956

Crop	Your farm	Average of farms growing each crop
Canning peas, dollars	_____	\$33.49
Flax, bu.	_____	9.9
Barley, bu.	_____	25.9
Oats, bu.	_____	39.7
Wheat, bu.	_____	13.8
Corn grain, bu.	_____	65.0
Sweet corn, tons	_____	5.3
Soybeans, bu.	_____	22.3
Corn silage, tons	_____	10.5
Alfalfa hay, tons	_____	2.7
Other legumes and mixtures, tons	_____	2.0
Timothy or brome hay, tons	_____	1.4
Annual hay	_____	1.0
Oat silage, tons	_____	5.0
Wild hay, tons	_____	.9

Table 12. Average Price of Feeds, 1956

Item	Value	Item	Value
Ear corn, per bu.	\$1.25	Alfalfa hay, per ton	\$18.50
Oats, per bu.	.63	Red or alsike clov.hay,/ton	15.60
Barley, per bu.	.94	Timothy, per ton	10.95
Wheat, per bu.	2.08	Wild hay, per ton	9.25
Brn, per cwt.	2.55	Corn silage, per ton	6.00
Linseed oil meal, per cwt.	3.70	Pasture, per mo. per cow	2.50
Meat scraps, per cwt.	4.60	Skim milk per cwt.	.32

Table 13. Power and Machinery Expenses per Crop Acre, 1956

Items	Your farm	Average of 135 farms	27 most profitable farms	27 least profitable farms
Crop acres per farm	_____	227	339	220
Tractor and horse exp. per crop acre	_____	\$5.30	\$4.70	\$5.76
Crop & gen. mach. exp. per crop acre	_____	6.41	5.51	7.33

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 or dual purpose cows and in the total feed cost for other dairy or other dual purpose cattle. The value of milk consumed by calves is not included in either the total returns or the feed cost of "all dairy" or "all dual purpose" 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, 1956

	Dairy or dual purpose 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, 1956

Items	Your farm	Average of 112 farms	22 farms highest in returns above feed	22 farms lowest in returns above feed
Feed per cwt. hogs produced, lbs.:				
Corn	_____	274	200	367
Small grain	_____	90	64	129
Commercial feeds	_____	59	54	67
Total concentrates	_____	423	318	563
Skim milk, buttermilk and whey	_____	8	27	1
Feed cost per cwt. hogs produced:				
Concentrates	\$ _____	\$10.66	\$8.22	\$14.05
Skim milk, buttermilk and whey	_____	.02	.04	.01
Pasture	_____	.08	.09	.06
TOTAL FEED COSTS	\$ _____	\$10.76	\$8.35	\$14.12
Net increase in value per cwt. hogs produced	\$ _____	\$15.74	\$16.51	\$15.31
RETURNS ABOVE FEED COST PER CWT. HOGS PRODUCED	\$ _____	\$4.98	\$8.16	\$1.19
RETURNS FOR \$100 OF FEED	\$ _____	\$ 154	\$ 204	\$ 111
Price received per cwt. hogs sold	\$ _____	\$14.15	\$14.31	\$13.92
No. of spring litters raised	_____	16.2	15.7	13.5
No. of fall litters raised	_____	9.8	8.8	8.1
Total no. of litters raised	_____	26.0	24.5	21.6
No. of pigs born per litter	_____	9.2	9.2	8.9
No. of pigs weaned per litter	_____	7.3	7.6	6.6
Pounds of hogs produced	_____	46730	42131	34503

Table 16. Factors of Cost and Returns from Dairy Cows, 1956

Items	Your farm	Average of 31 farms	10 farms highest in butterfat per cow	10 farms lowest in butterfat per cow
Pounds of butterfat per cow	_____	298	376	222
% of butterfat in milk	_____	3.5	3.3	3.5
Price rec. per lb. B.F. sold (¢)	_____	85.4	93.1	74.4
As manufacturing cream (cents)	_____	63.2	69.1	61.7
Other (cents)	_____	92.4	93.2	93.6
Feeds per cow, lbs.:				
Corn	_____	1749	2256	1452
Small grain	_____	650	955	520
Commercial feeds	_____	246	352	94
Legume hay	_____	4712	5415	5169
Other hay	_____	202	243	174
Total concentrates	_____	2645	3563	2066
Total hay and fodder	_____	4914	5658	5343
Silage	_____	7334	6516	7306
Feed cost per cow:				
Concentrates	\$ _____	\$60.73	\$81.65	\$46.36
Roughages	_____	66.08	69.77	69.10
Pasture	_____	10.74	10.43	9.08
TOTAL FEED COST	_____	\$137.55	\$161.85	\$124.54
Value of produce per cow:				
Dairy product sales	\$ _____	\$248.59	\$337.32	\$155.65
Dairy produce used in home	_____	8.45	7.58	12.04
Milk to livestock	_____	8.98	7.07	17.12
Net increase in value of cows	_____	-15.28	-20.57	-6.87
TOTAL VALUE PRODUCED	_____	\$250.74	\$331.40	\$177.94
RETURNS ABOVE FEED COST PER COW	_____	\$113.19	\$169.55	\$ 53.40
RETURNS FOR \$100 OF FEED	_____	\$182.00	\$205.00	\$114.00
Feed cost per lb. B.F. (cents)	_____	46.2	43.0	56.1
Number of cows*	_____	18.3	22.3	12.2

*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 17. Feed Costs and Returns from Other Dairy Cattle, 1956

Items	Your farm	Average of 30 farms*	10 farms highest in butterfat per cow	10 farms lowest in butterfat per cow
Feed per head, lbs.:				
Concentrates	_____	464	523	438
Hay and fodder	_____	1515	1806	1613
Silage	_____	2642	2810	2503
Skim milk	_____	528	-	1584
Whole milk	_____	216	221	277
TOTAL FEED COSTS PER HEAD	\$ _____	\$44.75	\$46.38	\$49.53
Net inc. in value of other dairy cattle	_____	76.09	85.09	60.78
RETURNS ABOVE FEED COST PER HEAD	\$ _____	31.34	38.71	11.25
RETURNS FOR \$100 OF FEED	\$ _____	\$170.00	\$183.00	\$123.00
Number of head of other dairy cattle	_____	21.8	25.2	18.4

*One farmer had both a milking herd and a beef herd, used a beef bull, and included all the young stock in the beef herd.

Table 18. Feed Costs and Returns from All Dairy Cattle, 1956

Items	Your farm	Average of 31 farms	10 farms highest in butterfat per cow	10 farms lowest in butterfat per cow
Feeds per animal unit, lbs.:				
Concentrates	_____	2016	2658	1535
Hay and fodder	_____	4174	4945	4424
Silage	_____	6960	6152	7706
TOTAL FEED COSTS PER ANIMAL UNITS	\$ _____	\$115.19	\$132.81	\$106.21
Value of produce per animal unit:				
Dairy products	\$ _____	\$163.79	\$217.63	\$101.24
Net increase in val. of dairy cattle	_____	43.73	49.47	44.00
TOTAL VALUE PRODUCED	_____	\$207.52	\$267.10	\$145.24
RETURNS ABOVE FEED PER ANIMAL UNIT	_____	\$ 92.33	\$134.29	\$ 39.03
RETURNS PER \$100 OF FEED	\$ _____	\$186.00	\$204.00	\$145.00
Animal units of dairy cattle	_____	29.2	35.1	21.6

Table 19. Feed Costs and Returns from Beef Cattle. 1956

Items	Your farm	Average of all farms
Beef breeding herd: No. of farms:		29
Feeds per animal unit, lbs.:		
Concentrates	_____	1040
Legume	_____	2958
Other hay	_____	421
Silage	_____	4387
Feed Cost per animal unit:		
Concentrates	\$ _____	\$23.48
Roughages	_____	41.15
Pasture	_____	19.25
TOTAL FEED COST	_____	\$83.88
Value of produce per animal unit:		
Dairy products	\$ _____	\$ 6.54
Net increase in value of animal	_____	71.21
TOTAL VALUE PRODUCED	_____	\$77.75
RETURNS ABOVE FEED COST PER ANIMAL UNITS	_____	-6.13
RETURNS FOR \$100 OF FEED	\$ _____	\$96.00
Lbs. beef produced	_____	12788
Number of cows and herd bulls	_____	25.4
Number of other beef cattle	_____	20.9
Number of animal units in the herd	_____	26.6
Feeding Cattle: No. of farms:		99
Feeds per cwt. beef produced, lbs.:		
Corn	_____	457
Small grain	_____	36
Commercial feeds	_____	45
Legume hay	_____	292
Other hay	_____	44
Total concentrate	_____	538
Total hay	_____	336
Silage	_____	541
Feed cost per cwt. beef produced		
Concentrates	\$ _____	\$12.88
Roughages	_____	4.56
Pasture	_____	.65
TOTAL FEED COSTS	\$ _____	\$18.09
Net increase in value of feeders	_____	22.64
RETURNS ABOVE FEED COST PER CWT. BEEF PROD.	_____	4.55
RETURNS FOR \$100 OF FEED	\$ _____	\$134.00
Price paid per cwt. beef bought	\$ _____	\$ 17.81
Price received for feeder cattle sold	_____	19.49
Number of animal units	_____	54.6
Pounds of beef produced	_____	31422

Table 20. Feed Costs and Returns from a Farm Flock of Sheep. 1956

Items	Your farm	Average of 32 farms	11 farms highest in returns above feed	11 farms lowest in returns above feed
Feeds per head,* lbs.:				
Concentrates	_____	121	63	173
Legume hay	_____	359	283	450
Other hay	_____	30	37	7
Silage	_____	122	98	196
Feed cost per head:				
Concentrates	\$ _____	\$2.65	\$1.48	\$3.74
Roughages	_____	3.90	3.12	4.88
Pasture	_____	2.21	2.20	1.90
TOTAL FEED COSTS	\$ _____	\$8.76	\$6.80	\$10.52
Value of produce per head:				
Wool	\$ _____	\$ 4.45	\$ 5.36	\$ 3.59
Net increase in value of sheep	_____	12.94	16.22	9.32
TOTAL VALUE PRODUCED	\$ _____	\$17.39	\$21.58	\$12.91
RETURNS ABOVE FEED COST PER HEAD	\$ _____	\$ 8.63	\$14.78	\$ 2.39
RETURNS FOR \$100 OF FEED	\$ _____	\$226.00	\$338.00	\$130.00
Price per cwt. of lambs sold	\$ _____	\$19.13	\$19.49	\$18.80
Price per lb. wool sold (cts.)	_____	65.1	79.5	50.1
Pounds of wool per sheep sheared	_____	9.1	9.0	9.5
Number of ewes kept for lambing	_____	51	51	51
Per cent lamb crop**	_____	116	125	101
Per cent death loss**	_____	6.9	4.2	9.3
Pounds of sheep produced	_____	4975	6284	3624
Number of head of sheep*	_____	72.1	78.7	65.2

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

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

Table 25. Feed Costs and Returns from Feeder Lambs. 1956

Items	Your farm	Average of 5 farms
Feed per cwt. lambs produced, lbs.:		
Concentrates	_____	615
Legume hay	_____	490
Other hay	_____	17
Silage	_____	69
Feed cost per cwt. lambs produced	\$ _____	\$21.52
Net increase in value per cwt. produced	_____	25.40
Return above feed cost per cwt. produced	_____	3.88
RETURN FOR \$100 OF FEED	\$ _____	\$160.00
Price paid per cwt. lambs bought	\$ _____	\$18.56
Price received per cwt. lambs sold	_____	20.38
Per cent death loss	_____	4.2
Pounds of lambs produced	_____	21254

Table 21. Feed Costs and Returns from Chickens. 1956*

Items	Your farm	Average of 89 farms	18 farms highest in return above feed	18 farms lowest in return above feed
Feed per hen, lbs.:				
Grain	_____	87	86	108
Commercial feeds	_____	53	43	46
Total concentrates	_____	140	129	154
TOTAL FEED COST PER HEN	\$ _____	\$4.18	\$3.76	\$4.50
Value of produce per hen:				
Eggs sold and used in house	\$ _____	\$5.16	\$6.21	\$3.83
Net increase in value of chickens	_____	-.02	.15	-.36
TOTAL VALUE PRODUCED	\$ _____	\$5.14	\$6.36	\$3.47
RETURNS ABOVE FEED COST PER HEN	\$ _____	\$.96	\$2.60	\$-1.03
RETURNS FOR \$100 OF FEED	\$ _____	\$127.00	\$171.00	\$80.00
Price rec'd. per doz.eggs sold(cts.)	_____	30.8	32.1	30.0
Eggs laid per hen	_____	201	234	153
Ave. No. of hens on farm during year	_____	325	407	261
Per cent of hens that are pullets	_____	85	90	72
Per cent death loss of hens	_____	10	7	17
Number of chicks started:				
Pullets	_____	394	528	267
Straight run	_____	8	5	-
Cockerels	_____	37	20	22
Lbs. chickens produced	_____	1466	1978	794

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

Table 22. Feed Cost and Returns from Laying Hens. 1956

Items	Your farm	Average of 13 farms
Feed per hen, lbs.:		
Grain	_____	69
Commercial feeds	_____	35
Total concentrates	_____	104
TOTAL FEED COST PER HEN	\$ _____	\$3.08
Value of produce per hen:		
Eggs sold and used in home	\$ _____	\$5.28
Less depreciation and death loss	_____	-.84
TOTAL VALUE PRODUCED	\$ _____	\$4.44
RETURN ABOVE FEED COST PER HEN	\$ _____	\$1.36
RETURN FOR \$100 OF FEED	\$ _____	\$144.00
Eggs laid per hen	_____	204
Price rec'd. per doz.eggs sold (cts.)	_____	31.0
Ave. No. hens on farm during year	_____	356
No. of hens on hand begin. of year	_____	378
Per cent death loss	_____	11
Per cent of hens that are pullets	_____	67

Table 23. Feed Costs and Returns from Chicks. 1956

Items	Your farm	Average of 8 farms
Feed per 100 chicks raised, lbs.:		
Grain	_____	1372
Commercial feeds	_____	774
Total concentrates	_____	2146
Total feed cost per 100 chicks raised	\$ _____	\$73.76
Net increase in value per 100 chicks	_____	88.37
RETURN OVER FEED COST PER 100 CHICKS	\$ _____	\$15.01
RETURN FOR \$100 OF FEED	\$ _____	\$120.00
Number of chicks bought:		
Pullets	_____	504
Cockerels	_____	95
Price paid per 100 chicks bought:		
Pullets	\$ _____	\$48.97
Cockerels	_____	10.00
Number of chicks raised	_____	518
Per cent death loss	_____	13.1
Price rec'd. per pound sold (cents)	_____	19.3

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 24.

Table 24. 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 24. Summary of Farm Earnings by Years

Items	Average 1940-44	Average 1945-49	1950	1951	1952	1953	1954	1955	1956
No. of farms	165	140	139	122	118	153	156	146	135
Total farm capital	\$36133	\$40590	\$50868	\$54869	\$58082	\$62148	\$62494	\$64512	\$70144
Monthly charge for:									
Unpaid family labor*	63	118	130	130	130	130	130	130	135
Board to hired labor*	23	33	36	36	36	36	36	36	38
FARM EXPENSES									
Dairy and dual-pur. cattle bought	120	175	321	252	264	158	82	98	196
Beef cattle bought (incl. feeders)	1405	2027	4120	5581	4461	2841	3482	3865	5506
Hogs bought	275	447	478	395	361	427	577	384	322
Sheep bought (incl. feeders)	596	365	543	881	569	766	235	483	837
Poultry bought (incl. turkeys)	140	165	164	246	122	187	233	181	264
Horses bought	39	11	6	5	4	9	7	2	2
Miscellaneous livestock expense	140	248	328	391	369	400	403	424	468
Miscellaneous crop expenses	402	869	966	995	1079	1496	1633	1690	1539
Feed bought	2041	3191	3807	4973	4318	4060	4456	4498	5291
Custom work hired	193	356	382	406	439	468	497	587	646
Power machinery (new)	320	757	1164	1063	610	705	780	802	634
Power machinery (upkeep, gas, oil)	551	1081	1308	1336	1438	1552	1474	1570	1636
Crop and general machinery (new)	335	912	1248	1121	871	779	979	719	790
Crop and general machinery (upkeep)	124	284	292	306	323	333	310	338	375
Livestock equipment (new)	112	99	124	157	124	191	225	241	210
Livestock equipment (upkeep)	55	111	125	142	121	125	161	144	170
Buildings and fencing (new)	341	676	741	1082	1023	738	821	786	618
Buildings and fencing (upkeep)	149	319	331	286	331	304	306	272	254
Hired labor	593	794	843	910	835	928	897	895	863
Taxes	330	403	534	565	627	685	701	724	804
Insurance	33	56	78	77	87	101	109	130	153
General farm	65	118	146	165	162	166	210	197	205
Total farm purchases	\$8359	\$13464	\$18049	\$21335	\$18538	\$17419	\$18578	\$19030	\$21783
Decrease in farm capital	-	-	-	-	-	925	-	2132	-
Interest on farm capital	1806	2030	2543	2743	2904	3107	3125	3226	3507
Unpaid family labor	310	377	360	367	335	339	390	355	371
Board furnished hired labor	142	107	99	79	91	100	87	95	87
Total farm expense	\$10617	\$15978	\$21051	\$24524	\$21868	\$21890	\$22180	\$24838	\$25748

* These adjustments should be considered in comparing 1956 results with previous years.

Table 24. Summary of Farm Earnings by Years (continued)

Items	Average 1940-44	Average 1945-49	1950	1951	1952	1953	1954	1955	1956
FARM RECEIPTS									
Dairy and dual-pur. cattle	\$ 383	\$ 573	\$ 904	\$ 781	\$ 765	\$ 572	\$ 453	\$ 524	\$ 438
Dairy products	783	988	885	1015	1124	1369	1033	1091	1324
Beef cattle	3140	4246	6438	9411	8115	7695	7933	7478	10595
Hogs	3622	6775	6801	7930	7322	7237	7983	6147	5797
Sheep and wool	928	651	810	753	1057	1633	637	798	1344
Poultry (incl. turkeys)	563	525	590	838	184	478	540	550	608
Eggs	597	1035	790	1055	875	1166	939	954	1190
Horses	44	23	14	6	12	4	4	4	7
Corn	584	1138	1542	997	1245	2742	2749	3697	3385
Small grain	1031	2055	1694	1240	1217	1153	876	920	809
Other crops	400	879	677	901	981	1102	1454	1850	1867
Machinery and equip. sold	196	364	446	644	378	170	195	222	203
Agric. adjustment payment	370	65	57	72	70	65	54	26	76
Income work off the farm	174	313	290	398	341	346	371	377	332
Miscellaneous	224	78	112	130	154	88	204	252	315
Total farm sales	\$13039	\$19708	\$22050	\$26171	\$23840	\$25820	\$25425	\$24890	\$28290
Increase in farm capital	1098	2395	5214	2561	1216	-	1158	-	2423
Family living from farm	553	666	669	708	748	344	296	271	250
Total farm receipts	\$14690	\$22769	\$27933	\$29440	\$25804	\$26164	\$26879	\$25161	\$30963
Total farm expenses	10617	15978	21051	24524	21868	21890	22180	24838	25748
Labor earnings	4073	6791	6882	4916	3936	4274	4699	323	5215
MEAS. OF FARM ORG. AND MANAGEMENT									
Percent high return crops*	41.2	56.4	54.4	60.2	60.9	64.8	58.3	60.6	63.0
Livestock units per 100 acres**	23.6	20.3	20.0	31.7	33.2	31.3	35.4	36.1	37.8
Work units***	588	501	502	529	515	397	408	412	433
Work units per worker***	273	285	295	311	322	234	255	242	271
Expenses per work unit***	\$3.02	\$6.23	\$8.01	\$7.75	\$8.29	\$11.66	\$11.76	\$12.34	\$12.72
ACRES PER FARM									
Crop acres per farm	282	254	257	256	260	283	270	272	284
	212	197	203	198	201	222	216	219	227
YIELDS PER ACRE									
Flax, bu.	10.5	13.7	15.1	9.8	13.8	9.2	9.7	15.9	9.9
Barley, bu.	25.1	34.1	38.0	23.2	28.9	22.4	32.7	34.5	25.9
Oats, bu.	40.4	46.3	47.0	47.7	44.0	27.7	40.8	55.1	39.7
Corn, grain, bu.	49.7	47.8	44.9	38.3	58.9	59.9	66.7	51.5	65.0
Corn silage, ton.	8.9	8.4	8.7	7.5	9.5	9.7	10.4	8.8	10.5
Alfalfa hay, ton.	2.2	2.1	2.0	2.5	2.6	2.9	2.6	2.2	2.7

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

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

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

Table 25. Summary of Miscellaneous Items by Years

Items	Average 1940-44	Average 1945-49	1950	1951	1952	1953	1954	1955	1956
RETURN ABOVE FEED COST PER:									
Dairy cow	\$61.87	\$114.96	\$130.70	\$139.19	\$117.68	\$93.63	\$76.34	\$94.83	\$113.19
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
100 lbs. feeder cattle prod.	3.11	8.87	17.09	13.00	-2.45	-6.50	5.18	1.93	4.55
Head of sheep in farm flock	4.24	8.20	14.29	13.33	-2.00	2.06	5.22	4.40	8.63
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
Hen	1.72	2.15	.83	2.09	.62	2.20	-.27	1.48	.96
FEED COST PER:									
Dairy cow	67.74	121.21	136.67	150.85	148.11	142.90	135.97	136.98	137.55
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
Cwt. of feeder cattle prod.	14.56	21.66	20.13	23.44	25.01	23.44	21.40	19.06	18.09
Head of sheep in farm flock	3.26	5.62	7.06	7.59	7.77	7.95	8.81	8.94	8.76
Cwt. feeder sheep produced	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
Hen	2.28	4.28	4.35	4.85	4.88	4.64	4.60	4.02	4.18
MISC. LIVESTOCK INFORMATION									
No. dairy or dual-pur. cows	8.1	5.3	4.6	4.5	4.5	5.3	4.7	4.6	5.0
Head in beef breeding herd	10.5	9.4	8.0	8.9	11.6	13.4	13.4	11.7	10.0
Lbs. feeder cattle produced	9336	6676	8699	10852	12152	14674	14309	18423	23043
Litters of pigs	18.5	19.5	22.7	23.4	21.5	17.7	23.2	25.2	22.2
Lbs. of hogs produced	30411	34292	37633	39702	38436	31283	39269	42517	38898
No. of hens	197	202	186	180	179	187	204	182	222
Lbs. of butterfat per:									
Dairy cow	246	257	277	280	282	286	283	295	298
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
Percent lamb crop	105	109	113	115	94	108	106	113	116
Eggs per hen	134	171	175	176	174	186	191	188	201

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

Table 25. Summary of Miscellaneous Items by Years (continued)

Items	Average 1940-44	Average 1945-49	1950	1951	1952	1953	1954	1955	1956
<u>PRICE RECEIVED PER:</u>									
Lb. B.F. to creameries	\$.44	\$.73	\$.66	\$.75	\$.80	\$.71	\$.63	\$.61	\$.63
100 lbs. fat cattle	11.73	21.71	27.24	33.73	30.16	20.36	21.54	20.73	19.49
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
100 lbs. of hogs	10.86	19.54	17.93	19.61	17.34	21.19	21.07	14.33	14.15
Dozen eggs	.26	.37	.30	.40	.34	.40	.29	.33	.31
<u>PRICE OF FEED</u>									
Corn, bu.	.70	1.24	1.20	1.36	1.34	1.31	1.34	1.23	1.25
Oats, bu.	.46	.74	.72	.81	.76	.71	.70	.61	.63
Barley, bu.	.58	1.31	1.20	1.23	1.21	1.11	1.02	.93	.94
Alfalfa hay, ton	10.00	18.60	21.00	19.00	17.00	17.50	17.00	18.00	18.50
Timothy hay, ton	6.24	10.86	12.20	11.00	9.80	10.10	9.80	10.40	10.95
Corn silage, ton	3.20	6.07	6.70	6.00	5.75	5.85	5.75	6.00	6.00
Bran, cwt.	1.80	2.98	2.80	3.20	3.45	2.95	2.85	2.65	2.55
Linseed oilmeal, cwt.	2.33	3.80	3.95	4.00	4.85	4.05	4.20	4.10	3.70
Soybean meal, cwt.	2.51	4.15	3.95	4.00	5.60	4.40	-	-	3.70