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1962 Annual Report

SOUTHEASTERN 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
The Southeastern Minnesota Counties

and the

Southeast Minnesota Farm Management Association
Cooperating

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Report No. 270
Department of Agricultural Economics
Institute of Agriculture
St. Paul 1, Minnesota
June, 1963

### 1962 ANNUAL REPORT OF THE SOUTHEASTERN MINNESOTA FARM MANAGEMENT SERVICE

# Prepared by T. R. Nodland (1)

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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 southeastern Minnesota counties are cooperating with the Southeast Minnesota Farm Management Association in maintaining a farm management service. The Southeastern Minnesota Farm Management Service was organized late in 1927 and began operation on January 1, 1928. The Southeastern Minnesota Farm Management Association was organized in 1939 by the farmers and now represents the farmers in determining policies and maintaining the field organization and membership. 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.

<sup>(1)</sup> The author is indebted to Janet Otis for her assistance 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 the service is handled by Harlund Routhe. Harvey Bjerke was the field agent for this project. At the end of the year James App and Robert Lansford of the Department of Agricultural Economics 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 co-operated in 1962.

County	No. of records	Association Officers	County Agricultural Extension Agent
Ocurry	1600103	Application officers	EXCENSION Agento
Dakota	9	William Frame, Director	Clarence O. Quie
Dodge	14	Donald Gochnauer, Director	Jerry Richardson
Freeborn	13	Alvin Ulland, Director	Eldon H. Senske
Goodhue	31	Arnold Maring, Director	G. J. Kunau
Le Sueur	7	Emil Dietz, Director	Roger Wilkowske
Mower	7	Roland Zimmerman, President	Don Hasbargen
Nicollet	10	Harry Hanson, Director	F. E. Wetherill
Olmsted	17	Ralph Pike, Director	Richard Radway
Rice	12	Joe McFarlane, Vice-President	Warren Liebenstein
Scott	6	Arnie Schoenbauer, Director	Robert Wayne
Steele	12	Laurence Schafer, Secretary	J. R. Gute
Wabasha	10	Lester Christison, Director	Mathas Metz
Waseca	6	Alfred Trahms, Director	C. F. Murphy
Winona	13	Deane Hassig, Director	Oliver Strand
Total	167		

The data for 158 farms are shown in the tables on succeeding pages. Nine farms were omitted from all averages in the tables because the records were not sufficiently complete for a full analysis or the 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 variations occur 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, 1962\*

	You	r farm	Average of	158 farms
Items	$\overline{\text{Jan. 1}}$	Dec. 31	Jan. 1	Dec. 31
l. Size of farm (acres)			254	
2. Size of business (work units)***	·		538	
TO DEED OF SUBTIONS (WOTH MILEOD)	***************************************		رر 	
3. Dairy cows	\$	\$	\$3910	\$3995
4. Other dairy cattle			2024	2212
5. Beef cattle (incl. feeders)		ementos cultividade en escalabeles de la companya del companya de la companya de la companya del companya de la	2259	2582
6. Hogs		***************************************	2292	2143
7. Sheep (incl. feeders)	states the other was reductively to wash a consistence		114	138
8. Poultry (incl. turkeys)	ф.	Ф.	209 \$10808	246
9. Productive livestock (total) 10. Horses		<b>⊕</b>	ф10000 Ф10000	\$11316 21
11. Crop, seed and feed	***************************************		8429	7875
12. Auto and truck (farm share)		10-11-11-11-11-11-11-11-11-11-11-11-11-1	1085	1165
13. Tractors		and the second second second second	2236	2153
14. Crop and general machinery	connectionable Connection (Accessed and Accessed Accessed and Accessed Accessed and Accessed	terteronierauser-nim camacacurturer-râtur	4392	4494
15. Livestock equip. and supplies		Wind the world and work for a war, the skill and the California	1662	1868
16. Machinery & equipment (total)	\$	\$	\$9375	\$9680
17. Miscellaneous		-	. 8	15
18. Land	\$1800 MILLION STATE OF THE STAT	desired by colors have the colors of	17406	17449
19. Buildings, fences, etc.		montostylenuseen valentajustikosineense alamen	14742	14984
20. Total farm capital	\$	\$	\$60790	\$61340
	32 most pro	ofitable farms	32 least	profitable
Items:	Jan. l	Dec. 31	Jan. 1	Dec. 31
	000		0/8	
1. Size of farm (acres)	288 706		267 #33	
2. Size of business (work units)**	706		523	
3. Dairy cows	\$5230	\$5283	\$4314	\$4239
4. Other dairy cattle	2711	3056	2079	2142
5. Beef cattle (incl. feeders)	1330	1506	2288	2428
6. Hogs	2561	2442	2540	2148
7. Sheep (incl. feeders)	35	20	248	398
8. Poultry (incl. turkeys)	226	486	149	136
9. Productive livestock (total)	\$12093	\$12793	\$11618	\$11491
10. Horses	30 051.7	25 0716	142	40
11. Crop, seed and feed 12. Auto and truck (farm share)	9517 1308	9716 1490	10193 1099	9200 1160
13. Tractors	2275	2317	2635	2478
14. Crop and general machinery	4735	5468	5268	5097
15. Livestock equipment and supplies	2433	3326	1714	1732
16. Machinery & equipment (total)	\$10751	\$12601	\$10716	\$10467
17. Miscellaneous	 -	comme	CME	
18. Land	20919	20996	18512	18602
	70000	7 0 2 0 7	m () m m m	* O~O
19. Buildings, fences, etc.	18339	19391	18113	18528
19. Buildings, fences, etc. 20. Total farm capital	\$71649	\$75522	\$69194	\$68328

<sup>\*</sup> 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), 1962

T.L	Your	Average of 158	32 most profitable	32 least profitable
Items FARM RECEIPTS	farm	farms	farms	farms
	econtributes contributes contributes	\$1980 7854 2734	\$2788 12090 2535	\$1689 6881 2328
4. Hogs 5. Sheep and wool 6. Horses	calcitions are all the control of the calcition of the ca	6505 176 5	7618 55 9	6831 471 5
<ul><li>7. Poultry (including turkeys)</li><li>8. Eggs</li><li>9. Corn</li><li>10. Small grain</li></ul>	endonementales de production de la constitución de	97 1056 1456 606	173 2104 2119 718	39 534 1091 832
11. Other crops 12. Machinery and equipment sold 13. Income from work off the farm	equamment of the control of the cont	2243 299 444	2593 419 698	2067 312 451
14. Miscellaneous 15. Total farm sales 16. Increase in farm capital	CONTRACTOR OF CO	355 \$25810 550	543 \$34462 3873	\$23942
17. Family living from the farm 18. Total farm receipts FARM EXPENSES	<b>*************************************</b>	306 \$26666	36 <u>5</u> \$38700	257 \$24199
19. Dairy cattle bought 20. Beef cattle bought (incl. feeders) 21. Hogs bought 22. Sheep bought 23. Horses bought 24. Poultry bought (including turkeys)		\$ 255 1471 503 86 2	\$ 297 1281 218 3 5 619	\$ 180 1074 1069 376 5 89
25. Miscellaneous livestock expense 26. Feed bought 27. Fertilizers 28. Other crop expenses 29. Custom work hired	embers entrant continued under histories and continued under histo	759 3842 976 868 846	957 4680 1467 1107 1117	730 3419 875 1229 803
30. Gas, oil & grease bought (farm share) 31. Rep. tractor, truck & auto (farm share) 32. Repair & upkeep of farm real estate 33. Repair & upkeep of crop & gen. mach.	CAMP TO A STATE OF THE STATE OF	1035 652 373 376	1140 783 358 461	1172 692 513 454
34. Repair & upkeep of livestock equip. 35. Wages of hired labor 36. Electricity expense 37. Pers. prop. and real estate taxes	CHECKERSON CONTROL OF THE CONTROL OF T	177 923 342 1301	218 1404 460 1454	162 1276 338 1477
38. Telephone & general farm expense 39. Total cash operating expense 40. Mechanical power bought (farm share) 41. Crop & general machinery bought		407 \$15406 786 1065	460 \$18489 1225 1979	475 \$16408 785 966
42. Livestock equipment bought 43. New real estate improvements 44. Total farm purchases 45. Decrease in farm capital	essentiales de des constantes de la constante	513 1346 \$19116	1345 2387 \$25425	340 1790 \$20289
49. Decrease in farm capital 46. Interest on farm capital 47. Unpaid family labor 48. Board furnished hired labor 49. Total farm expenses	COLUMN SERVICION DE CALCO DE C	3053 / 589 / 88 \$22846	3679 548 63 \$29715	866 3438 771 159 \$25523
50. Labor earnings		\$ 3820 ~	\$ 8985	\$-1324

Table 3. Summary of Farm Earnings (Enterprise Statement), 1962\*

Items	Your farm	Average of 158 farms	32 most profitable farms	32 least profitable farms
RETURNS AND NET INCREASES  1. Dairy cows 2. Other cattle 3. Beef breeding herd 4. Feeder cattle 5. Hogs 6. Sheep, farm flock 7. Sheep, feeders 8. Chickens 9. All productive livestock 10. Value of feed fed to livestock 11. Return over feed from livestock 12. Crop, seed and feed 13. Income from labor off the farm 14. Agricultural conservation payments 15. Miscellaneous 16. Total returns and net increases	\$ \$ \$ \$	\$7987 2281 357 1159 5902 87 22 1004 \$18799 11168 \$ 7631 9129 231 11 350 \$17352	\$12315 3194 25 1301 7334 38 - 1931 \$26138 13675 \$12463 11920 375 28 515 \$25301	\$6922 1820 331 1026 5389 143 101 499 \$16231 11081 \$ 5150 8459 227 14 397 \$14247
EXPENSES AND NET DECREASES  17. Horses  18. Truck  19. Auto (farm share)  20. Tractor  21. Electricity (farm share)  22. Hired power  23. Total power  24. Crop and general machinery  25. Livestock equipment  26. Buildings, fencing, and tiling  27. Misc. productive livestock expense  28. Labor  29. Real estate taxes  30. Personal property tax  31. Insurance  32. General farm  33. Interest on farm capital	\$ ====================================	\$ 2 310 505 1281 352 403 \$ 2853 1374 474 1398 759 1913 1044 257 201 206 3053	\$ 1 363 584 1437 463 578 \$ 3426 1665 633 1612 957 2430 1137 317 237 223 3679	\$ 21 328 541 1482 350 366 \$ 3088 1602 483 1762 730 2516 1222 255 261 214 3438
35. Labor earnings	\$	\$ 3820	\$ 8985	\$-1324

<sup>\*</sup> 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, 1962 (Operator's Share)

	Your	farm	20	29 owners		
Items	Jan. 1	Dec. 31	Jan. 1	Dec. 31		
Total acres in farm			216			
Acres owned	***************************************		216			
Acres rented	co-combani/http://www.kcamer.com/		- Au C			
Total farm capital	\$	\$	\$47827	\$47766		
Stocks and bonds	14 contractivate concurrence entires causes	contraction and the contraction of the contraction	3447	3873		
Life insurance	<del>Carried Marie All Car</del> o	documbinate beaution and considerate and consi	2217	2465		
Notes and accounts receivable	especial programme and a construction	CHARLES CHARLES AND AND AND THE PARTY OF THE	5 <del>7</del> 6	1039		
Shares in cooperative organizations		can and considerable plane as a fine of the desired	887	973		
Outside real estate	офилострукторы с настанорийской вы	COC THEORY OF THE PROPERTY OF	34	1168		
Cash on hand and in bank	***************************************	egyptokapaninkalapadystannesianinest, upuro	1816	1635		
Household furnishings and clothing	**************************************	COMPANIES COMPANIES PROPERTY	2129	2225		
Personal share of auto	miles from the state of the second consistent	COLUMN TO THE PARTY OF THE PART	405	502		
Farm dwelling	HEROCOLONIA AND AND CONTRACTOR	PORTOLOGICAL DE PARAMENTA (1998)	5282	5122		
Total non-farm assets	\$	\$	\$16793	\$19002		
Total assets	11 VANDONIANO CONTRACTOR O	Occidental entre e	64620	66768		
Federal Land Bank mortgage	raccustonediasectalisticsvelettricts	noce at trademic territoris con this value and the state of	1752	1691		
Other mortgages on farm operated	colificación coparidades del Colorado	CHARLESTON CANADAS SECTION AND SECTION ASSESSMENT	7882	7712		
Mortgages on other real estate	were adjusts a secretory most at least as	GENERAL STREET, STREET	620	873		
Production Credit Association loans	edpolaronachalade deblecturieri esecci	Contracting operations in account for Company	1769	1876		
Sealed grain		ROBOTO CONTRACT TIMBLE CONTRACTOR	427	209		
Other chattel mortgages	emphilianaboundroupedecited t-exco	CONTRACTOR STATES	1717	1830		
Notes payable	photo-comment demicroscopical	CONTRACTOR DE CO	3109	3476		
Accounts payable	dente de como de la pública de despirado de la pública de	еліқ са абрақтонгонтайна жарықса	388	491		
Total liabilities	\$	\$	\$17044	\$18158		
Farmer's net worth	hipagah panasa hida sahahin banang panagan	OCCUCATORISMONAPHONOAPHOLOGOP	47576	48610		
Change in net worth	BIONE CONTROL	AMERICAN CO-MAN CO OR CHAPPEN MACROS		+1034		
PARTICULAR CONTROL OF THE PARTICULAR CONTROL AND ADDRESS OF THE PARTICULAR CONTROL OF THE PARTIC	23 part	-owners*	5 rent	ers**		
Items	Jan. 1	Dec. 31	Jan. 1	Dec. 31		
Acres owned	145.6			transition of training and model and a survey, singular and and		
Acres rented	143.4		200.8			
Total farm capital	\$49174	\$53652	\$18228	\$17915		
Stocks and bonds	2688	2849	256	257		
Life insurance	2536	2839	2398	2666		
Notes and accounts receivable	1128	1466	87	254		
Shares in cooperative organizations	946	1080	1286	1354		
Outside real estate	217	304	71	71		
Cash on hand and in bank	2784	2854	900	1729		
Household furnishings and clothing	2821	2938	2210	2315		
Personal share of auto	476	510	184	335		
Farm dwelling	2936	2897	- <del></del>			
Total non-farm assets	\$16532	\$17737	\$ 7392	\$ 8981		
Total assets	65706	71389	25620	26896		
Federal Land Bank mortgage	1422	1721	cas	(200		
Other mortgages on farm operated	8787	9559	coo	15023		
Production Credit Association loans	1104	1469	3209	3023		
Sealed grain	452	429	754	689		
Other chattel mortgages	2622	2710	1575	1802		
Notes payable	4500	6955	1900	2017		
Accounts payable	1085	1740	1123	1058		
Total liabilities	\$19972	\$24583	\$ 8561	\$ 8589		
Farmer's net worth	<i>"</i> 45734	146806	<b>"</b> 17659	18307		
Change in net worth		+1072		+1248		

<sup>\* 11</sup> rented for cash, 3 crop share, 7 cash and crop share and 2 livestock & crop share.

\*\* 3 rented for cash, 1 cash and crop share, and 1 livestock and crop share.

Table 5. Summary of Farm Earnings by Tenure, 1962 (Operator's Share)

Table 5. Summary of Farm Barnings C	Your	32	23 part	5
Items	farm	owners	owners	renters
FARM RECEIPTS	Employee the control of the control			
Dairy cattle	\$	\$1891	\$1787	\$2436
Dairy products	West and and analysis	7631	9231	6186
Beef cattle (including feeders)	**************************************	2602	1708	cao
Hogs	dictions with the control of the con	6131	4168	5428
Sheep and wool (including feeders)		150	578	21
Horses		600	16 ·	
Poultry		37	228	15
Eggs	denny Salvanie de Lacianie Personalità	544	3109	479
Corn	CONSTRUMENT BOOK TO A SEASON OF THE PARTY.	740	2089	1067
Small grain	(CORNECT CONTRACTOR CONTRACTOR	479	384	29
Other crops	territorio de la composición dela composición de la composición de la composición de la composición dela composición dela composición dela composición de la composición dela composición de la composición dela composici	1674	2131	647
Machinery and equipment sold	OddWintellentent annotasjeshister	315	246	105
Income from work off the farm	and the second second second second second	268	415	621
Miscellaneous	La Anne (Citylichia Annic Manadalaman Al Malac)	322	731	109
(1) Total farm sales	\$	\$22784	\$26821	\$17143
(2) Increase in farm capital	TT ***********************************	41 1 0 4	4478	4. mm 1 mm.mt >
(3) Family living from the farm	destroyate analysis and analysis analysis and analysis and analysis and analysis an	296	315	327
(4) Total farm receipts $(1)+(2)+(3)$	\$	\$23080	\$31614	\$17470
FARM EXPENSES	11 and a common section of the common sectio	W>	11 2	n [ [ -
Dairy cattle bought	\$	\$ 124	\$ 102	\$ 477
Beef cattle bought (incl. feeders)		1925	253	800
Hogs bought	******************************	313	687	412
Sheep bought (including feeders)		33	531	11
Horses bought	CONTROL OF THE PARTY OF THE PAR	3	0.5	, ma
Poul try	special control programme streets	69	874	41
Miscellaneous livestock expense	онистрания проможения при при деч	723	853	610
Feed	2000 - 11 Company	3118	3923	3381
Fertilizers	·	665 751	1393 916	658 374
Other crop expense Custom work hired	emblumichmospycholichian	896	891	845
Gas, oil and grease	toward the Complete States over the same	875	1057	782
Rep. tractor, truck & auto (farm share)	COMPRESSOR CONTRACTOR OF THE PROPERTY OF THE P	6 <b>1</b> 5	758	360
Rep. and upkeep of real estate	OH 24 CHARLES ON STEEL SHIP COMMENTS AND ADDRESS.	348	198	63
Rep. and upkeep of crop & gen. mach.	Comment of the Commen	273	365	225
Rep. and upkeep of livestock equip.	Contract of the Contract of th	145	177	121
Wages of hired labor	WARRANTON OF THE PARTY OF THE P	556	1149	427
Electricity expense (farm share)	scalebook the areasant was faired	307	402	241
Real est. and pers. prop. taxes	econocitizationomonomonismonismo	1186	814	154
Cash rent		6	1453	1478
General farm and insurance	CONTRACTOR OF THE PROPERTY CO.	377	413	221
Interest paid		758	1015	480
Total cash operating expense	\$	\$14066	\$18224	\$11361
Mech. power bought (farm share)	MACHINE CONTROL OF THE CONTROL OF TH	744	_ 570	302
Crop and gen. mach. bought	**************************************	714	1555	572
Livestock equipment bought	desirance communicación	295 990	1243 3847	121 529
Farm purchase & real estate improvements	4	\$16809	\$25439	\$12885
(5) Total farm purchases	Ψ	φ10009 61	<b>Ψ</b> 42427	
<ul><li>(6) Decrease in farm capital</li><li>(7) Interest on farm capital</li></ul>	Chichel chichele (chichele excelo	1632	1556	313 424
<ul><li>(7) Interest on farm capital</li><li>(8) Unpaid family labor</li></ul>		442	344	360
(9) Board furnished hired labor		91	70	88
(10) Total farm expenses $(5)+(6)+(7)+(8)+(6)$	9)\$	\$19035	\$27049	\$14070
(11) Labor earnings (4)-(10)	- / TT	4045	4205	3400
(12) Ret. to cap. & fam.lab.(7)+(8)+(11)	ACCUSANCE AND SHARE AND CONTRACTOR	6119	6105	4184
(=)	онорозначения меньично высудаю		0_0)	enganta w eng

Table 6. Household and Personal Expenses for Those Farms Which Kept Complete Accounts of These Expenses, 1962

Items	Your farm	Average of 56 farms	ll most profit- able farms	ll least profit- able farms
Number of persons - family	***************************************	5.2	5.9	4.0
Number of adult equiv family other*		4.3	4.9 .1	3∢3 ⋄3
Food and meals bought Operating and supplies Furnishings and equipment Clothing and clothing materials Personal care and spending Education and recreation Gifts and special events Medical and hosp. expense Church and welfare Personal share of auto expense Upkeep on dwelling Pers. share of tele. and elect. exp. Total cash living expense Personal share of new autos New dwelling Taxes Life insurance Other savings and investments Total household & pers. cash exp.	\$	\$1090 365 284 419 114 305 136 502 290 167 48 144 \$3864 190 120 417 364 617	\$1216 395 396 564 104 466 143 700 507 174 77 187 \$4929 100 482 861 521 1505 \$8398	\$930 346 192 350 161 331 192 567 275 173 38 125 \$3680 63 399 366 74
Family living from the farm Total cash expenses & perquisites	\$	312 \$5884	358 \$8756	30 <u>4</u> \$4886
RECEIPTS  Return to capital and family labor Income from outside investments Other personal income	\$	\$5344 216 210	\$11194 288 165	\$ 770 349 113

<sup>\*</sup> Hired help or others boarded.

Table 7. Family Living from the Farm, 1962

Items	Your farm	Average of 158 farms	Your farm	Average of 158 farms
No. of adult equivalents: Family Other*		4.0 .2		
Whole milk Skim milk Cream Cattle Hogs Sheep Poultry Eggs		1279 qts. 12 qts. 7 pts. 725 lbs. 300 lbs. 3 lbs. 52 lbs. 77 doz.		\$ 91.39 .57 1.62 139.20 47.15 .35 6.23 19.85
			\$	\$306.36

\*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. 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

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
0 or 1	17	cational literature in cate of	XXX	\$-789
2 or 3	65		XXXXXXXXX	2920
4 or 5	64		XXXXXXXXXXXXXXXX	5104
6 or 7	12		XXXXXXXX	8373

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.

<sup>1/</sup> Pond, G. A. and Nodland, T. R., "Some Factors Affecting Earnings of Farmers in Southeastern Minnesota, 1950-1959". University of Minnesota Department of Agricultural Economics Report No. 261, December 1961.

Table 9. Measures of Farm Organization and Management Efficiency, 1962

Measures used in chart on page 11	Your farm	Average of 158 farms	32 most profit- able farms	32 least profit- able farms
Labor earnings	\$	\$3820	\$8985	\$-1324
Crop yields*		100	110	88
Percent tillable land in high ret. crops**	***************************************	61.7	62.6	58.6
Ret. for \$100 feed to prod. livestock***		100	111	86
Prod. livestock units per 100 acres****	· ·	36.9	38.9	33.7
Size of businesswork units		538	706	523
Work units per worker	**************************************	316	372	262
Power, mach., equip., & bldg. exp. per work unit	\$	\$11.94	\$11.28	\$13.92
Items related to some of the above measure	es:			
Index of return for \$100 feed from: Dairy cattle (see pages 16 and 17) Beef cattlebreeding herd (see page 18) Beef cattlefeeders (see page 18) Hogs (see page 15)		100 100 100 100	116 - 145 117	88 - 69 89
Sheepfarm flock (see page 19) Sheepfeeders Chickens (see page 20)		100 100 100	70 97	76 - 100
Number of animal units	Management Management and a second	78.3	95.6	76.7
Work units on crops Work units on productive livestock Other work units	Ostomorio pulso proprio del constitución de la cons	110 407 21	137 537 32	115 385 23
Number of family workers Number of hired workers Total number of workers		1.3 <u>.4</u> 1.7	1.3 .6 1.9	1.4 .6 2.0
Power expense per work unit Crop machinery expense per work unit Livestock equip. expense per work unit Bldg. & fencing exp. per work unit  * Given as a percentage of the average	\$	\$5.66 2.75 .85 2.68	\$5.31 2.64 .88 2.45	\$6.38 3.31 .87 3.36

<sup>\*\*</sup> 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.

<sup>\*\*\*\*</sup> 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 158 farms included in this summary are located between the dotted lines across the center of the page.

	Labo	•	High	Retur from p			Work units		mach. bldgs.
	earn			rn ducti	ve per	Work	per	exp.	per
-	ings	yield	ls crop	s livest	cock 100	A. unit	s worke	r work	unit
	E	E			E	=	E		
\$11800		140	86.0	- 140	69.0	900	515	\$4.00	
10800	E	135	83.0	1.35	65.0	855	490	5. <b>0</b> 0	
	E	- "E			E			E	
9800		130	80.0	130	61.0	810	465	6.00	
8800		125	77.0	125	57.0	765	440	7.00	
0000									Mark Composition of the Composit
7800		120	74.0	120 =	53.0	720	415	8.00	ł.
6800		,,,E	77	115	49.0	675	390 =	9.00	
6800	E	115	71.0	117	49.0			7.00	
5800		110	68.0	110 =	45.0	630	365	10.00	
1 900	El	305 E		300		585	3).0	- OE	
4800	E	105	65.0	105	41.0	202	340	11.00 =	
3800		ioo	62.0	100 =	37.0	540	315	12.00	
	E		· · · · · · · · · · · · · · · · · · ·						
2800		95	59.0	95	31.0	495	290 =	13.00	
1800		90	56.0	90 =	29.0	450	265	14.00	
	El		E	E		L	E		
800		85	53.0	85 -	25.0	405	240	15.00	
-200		80	50.0	80 =	21.0	360 🗐	215 =	16.00	
			 		E		*** <b>E</b>		
-1200		75	47.0	75	17.0	315	190	17.00	
-2200	E	70	44.0	70	13.0	270	165	18.00	
	E	E	440		E		E	E	
<b>≟3200</b>		65	41.0	65	9.0	225	140	19.00	
	El	E	E	E			E	E	
•									
								$\smile$	

Table 10. Distribution of Acres in Farm, 1962

		Number		Average
	Crop	growing	Your	of 158
Crop	ratings*	this crop	farm	farms
Canning peas	В	11		1.8
Flax	a	2	***************************************	.2
Wheat	C	48		4.0
Oats for silage	C	13		1.6
Oats for grain	D	143		24.7
Barley	D	13	***************************************	1.2
Rye	D	3		۰5
Total small grains and peas		154		<u>.5</u> 34.0
Corn grain	A	157		66.4
Corn silage	В	105		9.9
Sweet corn	В	17		4.0
Soybeans for grain	В	82		18.2
Total cultivated crops		158	CHARLES OF THE CONTRACT	98.5
Alfalfa hay	В	154		39.6
Other legumes & mixtures, hay & see		7		۰7
Timothy and brome hay or seed	D <sub>_</sub>	3		.l
Annual hay	D	14	·	.2
Total tillable land in hay		154		40.6
Alfalfa pasture	В	118		14.9
Other legumes and mixtures	G	6		•4
Sudan and/or rape	C	6		•2
Other tillable pasture	D	15		<u>l.l</u>
Total tillable land in pasture		122		16.6
Feed-grain program	A	77		16.2
Tillable land not cropped	D	15		1.0
Total tillable land		158	-	206.9
Wild hay		22		1.0
Non-tillable pasture		104		21.2
Timber not pastured		73		8.5
Roads and waste				8.3
Farmstead			***************************************	7.6
Total acres in farm				253.5
Percent land tillable			***	81.6
Percent tillable land in high retur	n crops			61.7

<sup>\*</sup> 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, 1962

Crop	Your farm	Average of farms growing each crop
Canning peas, dollars Flax, bu. Wheat, bu. Oats for silage, tons	\$	\$42.31 16.2 28.8 7.7
Oats for grain, bu. Barley, bu. Rye, bu. Corn grain, bu.		56.8 33.4 27.5 70.5
Corn silage, tons Sweet corn, tons Soybeans, bu. Alfalfa hay, tons		12.3 5.3 20.7 3.2
Annual hay, tons Wild hay, tons		1.9 .1
Feed-grain program, dollars	\$	\$37.14

Table 12. Average Price of Feeds, 1962

Item	Value	Item	Value
Ear corn, per bu. Oats, per bu. Barley, per bu.	\$ .96 .61 .99	Alfalfa hay, per ton Red or alsike clover hay, per ton	\$19.00 16.10
Wheat, per bu. Soybean meal, per cwt. Meat scraps, per cwt.	2.18 4.40 5.70	Timothy, per ton Wild hay, per ton Corn silage, per ton Pasture, per mo. per cow Skim milk per cwt.	11.00 9.50 6.50 2.50 .32

Table 13. Power and Machinery Expenses per Crop Acre, 1962

Items	Your farm	Average of 158 farms	32 most profitable farms	32 least profitable farms
Crop acres per farm	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	174	213	190
Tractor exp. per crop acre Crop & gen. mach. exp. per crop acre		\$7.70 8.15	\$7.06 8.00	\$8.12 8.70

#### 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, 1962

		Dairy cattle		Beef breeding
Item	Cows	Other	All	herd
Total returns	Secretaria de la companya del companya del companya de la companya		\$	\$
Total feed cost	cates	ский темпоника меналический служа уческий служать с		illentitypelt constitute between tweeterman
Total return over feed	moderatoromativativa antichamo metamate	emme for a defendance of a substitute of the sub	· where stated named in a potential parties recognized as	
	Feeder Cattle	Hogs	Farm Flock of Sheep	Chickens
Total returns	C) MAIN THE PRINTED AND AND AND AND AND AND AND AND AND AN	Cast State of the Control of the Con		
Total feed cost	Checkborne Accus (Checker & Street) Market Accident Accid	COMPONIENT COMPCENSOR CHARCON CO. UNICED		dentiti satian observaciones mess
Total return over feed	A SOCIETY OF THE STATE OF THE S	caffordates were controlled to the controlled to	decimate disconnect conscionation	man manadalama ayo yo yo ahaa ahaa

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, 1962

		100 f	arms with breedi	ng stock		-
Items	Your farm	Average of 100 farms	20 farms highest in returns above feed	20 farms lowest in returns above feed	18 farms with purchased feeder pigs	
Feed per cwt. hogs produced, lbs.: Corn Small grain Commercial feeds Total concentrates		373 60 61 494	285 51 <u>47</u> 383	540 92 62 694	420 52 56 528	
Feed cost per cwt. produced	\$	\$10.94	\$ 8,26	\$14.94	\$12.24	
Net increase in value per cwt. produced	\$	\$16.02	\$16.79	\$15.13	\$13.01	
Return above feed cost per cwt. produced	\$	\$ 5.08	\$ 8.53	\$ .19	\$ .77	ŀ
RETURN FOR \$100 FEED	\$	\$154	\$200	\$107	\$115	
Price received per cwt. sold	\$	\$16.38	\$16.66	\$15.87	\$16.35	
Total number of litters raised No. of pigs born per litter No. of pigs weaned per litter		32 8.9 7.0	31 9.0 7.5	23 8.2 6.2	5 8.2 5.9	
No. of feeder pigs purchased Total weight of feeders purchased Price paid per feeder pig	\$	6 305 \$13.40	  	7 538 \$18.14	209 8443 \$10.59	
Pounds of hogs produced	-	51185	53442	32784	43310	

Table 16. Factors of Cost and Returns from Dairy Cows, 1962

Items	Your farm	Average of 121 farms	24 farms highest in butterfat per cow	24 farms lowest in butterfat per cow
Pounds of butterfat per cow Pounds of milk per cow* Percent of butterfat in milk	controlled and locally spiritually spiritu	367 9941 3.7	458 12406 3.7	264 7106 3.8
Price rec. per lb. B.F. sold (¢) Price rec. per cwt. milk sold*	contravegalctecce makin stage:	94.4 \$3.52	96.8 \$3.59	92.3 \$3.46
Feeds per cow, lbs.: Corn Small grain Commercial feeds	displace appropriately appropr	2861 695 520	3456 926 649	2285 493 431
Legume hay Other hay	microsic celebra ponormia senima o patral esecucipi de ponormia senima o patral	5384 151	5917 260	Ц416 198
Total concentrates Total hay and fodder Silage	witch has all whome are no solicitated and the	4076 5535 6578	5031 6177 7977	3209 4614 6602
Feed cost per cow: Concentrates Roughages Pasture TOTAL FEED COST	\$	\$84.76 72.49 10.68 \$167.93	\$103.21 81.87 9.42 \$194.50	\$66.40 64.23 11.17 \$141.80
Value of produce per cow: Dairy product sales Dairy produce used in home Milk fed to livestock Net increase in value of cows TOTAL VALUE PRODUCED	\$	\$337.98 4.74 5.37 -1.94 \$346.15	\$433.14 4.04 4.92 -2.16 \$439.94	\$235.76 5.48 3.84 6.25 \$251.33
RETURNS ABOVE FEED COST PER COW		\$178.22	\$245.44	\$109.53
RETURNS FOR \$100 OF FEED	\$ ************************************	\$212	\$237	\$184
Feed cost per 1b. B.F. (cents)	CONTROL VICTORIAN CONTROL VICT	48.5	44.2	56.4
Number of cows**	eshaltus ere unautyani zasuengesa	29.2	33.4	23.5

<sup>\*</sup> Average for farms selling whole milk.

<sup>\*\*</sup> 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, 1962

Items	Your :	Average of 121 farms	24 farms highest in butterfat per cow	24 farms lowest in butterfat per cow
Feed per head, lbs.: Concentrates Hay and fodder Silage Skim milk Whole milk		968 2304 1932 5 138	1092 1982 2208 - 109	961 2206 2483 22 131
TOTAL FEED COSTS PER HEAD	\$	\$58.38	\$58.88	\$58.97
Net inc. in value of other dairy cattle	\$	\$87.44	\$91.64	\$84.80
RETURNS ABOVE FEED COST PER HEAD	\$	\$29.06	\$32.76	\$25.83
RETURNS FOR \$100 OF FEED	\$	\$166	\$171	<b>\$1</b> 56
No. of head of other dairy cattle	***************************************	33.0	38.8	23.6

Table 18. Feed Costs and Returns from All Dairy Cattle, 1962

Items	Your farm	Average of 121 farms	24 farms highest in butterfat per cow	24 farms lowest in butterfat per cow
Feeds per cow, lbs.: Concentrates Hay and fodder Silage		5265 8087 9140	6325 8065 11247	4594 7203 10715
TOTAL FEED COSTS PER COW	\$	\$232.03	\$261.52	\$213.19
Value of produce per cow: Dairy products Net incr. in val. of dairy cattl	\$e	\$340.04 103.52	\$437.40 	\$241.87 122.59
TOTAL VALUE PRODUCED	\$	\$443.56	\$547.53	\$364.46
RETURNS ABOVE FEED PER COW	\$	\$211.53	\$286.01	\$151.27
RETURNS PER \$100 OF FEED	\$	<b>\$</b> 196	\$219	\$178

Table 19. Feed Costs and Returns from Beef Cattle, 1962

		Λ
	Your	Average of all
Items	farm	farms
Beef breeding herd: No. of farms:	1 97 10	11
Feeds per animal unit, lbs.:		
Concentrates		922
Legume hay	apolo-494-2000 colomorphistics	3896
Other hay		14
Silage	with the second	5833
Feed cost per animal unit:		
Concentrates	\$	\$18.12
Roughages		54.26
Pasture	AS CONTRACTOR CONTRACT	18.70
TOTAL FEED COST	\$5	\$91.08
Value of produce per animal unit:	dh	ж.
Dairy products Net increase in value of animal	₩.	\$ -
TOTAL VALUE PRODUCED	<b>4</b>	121.65 \$121.65
TOTAL VALUE TRODUCED	entrangenes appropriate program and the second and	ΨT2T°02
RETURNS ABOVE FEED COST PER ANIMAL UNIT	\$	\$ 30.57
RETURNS FOR \$100 OF FEED	\$	\$151
Pounds of beef produced		18225
Number of cows and herd bulls	COMPANDED TO A COMPAN	35.4
Number of other beef cattle	Market Control of the	38.7
Number of animal units in the herd	Color	39.9
	AND CONTRACTOR AND CO	
Feeder cattle: No. of farms:		23
Feeds per cwt. beef produced, lbs.:		
Corn	**************************************	606
Small grain	manifest of the special and the same state of th	26
Commercial feeds	MATERIAL PROPERTY AND THE STATE OF THE STATE	46
Legume hay		384
Other hay	*# Programme Conference and Programme Conference and Conference an	10
	end-becommended on the required for the	
Total concentrates		678
Total hay and fodder	minimatelpotin negotilskup zemnernyg zijb	394
Silage	catings are consequences countries.	696
Feed cost per cwt. beef produced:		
Concentrates		\$13.28
Roughages	Manufalaneous control code - codestagações	5.81
Pasture	4	.27
TOTAL FEED COSTS  Net increase in value of feeders	Ф Ф	\$19.36
RETURNS ABOVE FEED COST PER CWT. BEEF PRODUCED	#	\$25.22 \$ 5.86
RETURNS FOR \$100 OF FEED	# The second sec	\$ 148
1001 010100 1 010 4100 01 1 1010	AND THE PROCESSION ASSOCIATION CONTRACTOR CO	⊕ TtO
Price paid per cwt. beef bought	\$	\$26.25
Price received for feeder cattle sold	\$	\$24.45
Number of animal units	** selective macrosromatich-anazora.use	64.9
Pounds of beef produced	Children and Child	32596

Table 20. Feed Costs and Returns from a Farm Flock of Sheep, 1962

Items	Your farm	Average of 23 farms
Feeds per ewe, * lbs.:		
Concentrates		219
Legume hay	the state of the s	468
Other hay	#APPTPROMENTAL STATE OF THE STA	21
Silage		156
Feed cost per ewe:		
Concentrates	\$	\$ 4.07
Roughages		5.16
Pasture	4000///	3.68
TOTAL FEED COSTS	Saland market description of the	\$12.91
Value of produce per ewe:		W - 4
Wool	\$	\$ 6.79
Net increase in value of sheep	Ale formation and an arrangement of the second	11.30
TOTAL VALUE PRODUCED	\$	\$18.09
RETURNS ABOVE FEED COST PER EWE	\$	\$ 5.18
RETURNS FOR \$100 OF FEED	\$	\$ 164
Price per cwt. of lambs sold	<b>\$</b>	\$16.99
Price per 1b. wool sold (cents)	-	62.9
Pounds of wool per sheep sheared	majanting-panjangan anama-agentashed  majanting-panjangan anama-agentashed	9.7
Percent lamb crop**		96
Percent death loss**		7.7
Daniel de la falle de produce d		2569
Pounds of sheep produced	CHROCOSON AND COUNTRY INTERNAL THE THE	2509
Number of head of ewes	turn the particular to the same	29

<sup>\*</sup> Includes feeds and returns from lambs.

<sup>\*\*</sup> Lambs which die during month of birth are not included.

Table 21. Feed Costs and Returns from Chickens, 1962\*

Items	Your farm	Average of 45 farms	ll farms highest in return above feed	ll farms lowest in return above feed
Feed per hen, lbs.: Grain Commercial feeds Total concentrates		83 <u>34</u> 117	76 <u>144</u> 120	79 <u>32</u> 111
TOTAL FEED COST PER HEN	.\$	\$3.28	\$3.37	\$3.03
Value of produce per hen: Eggs sold and used in house Net increase in value of chickens TOTAL VALUE PRODUCED	\$	\$4.63 37 \$4.26	\$6.01 32 \$5.69	\$3.27 68 \$2.59
RETURNS ABOVE FEED COST PER HEN	<b>*</b>	\$ .98	\$2.32	\$44
RETURNS FOR \$100 OF FEED	\$	<b>\$</b> 131	\$ 170	\$ 85
Price rec'd. per doz. eggs sold(¢) Eggs laid per hen		26.7 206	27.3 263	25.6 152
Ave. no. of hens on farm during yea Percent of hens that are pullets Percent death loss of hens Number of chicks started:		684 72 8	1381 92 5	306 68 11
Pullets Cockerels		706 32	1167	352 25

 $<sup>\</sup>ensuremath{\text{\#}}$  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

	No. of		No. of
Item	work units	Item	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, feeders	.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

<sup>\*</sup> Animal unit represents one dairy cow or bull, two other dairy cattle,  $1\frac{1}{4}$  beef cows or bull, 1 feeder steer or heifer, 3 1/3 other beef cattle, 7 sheep,  $1l_1$  lambs,  $2\frac{1}{2}$  hogs, 5 pigs, 50 hens or 1,100 pounds of turkeys produced.

Table 23. Summary by Years

		Average 1930-34						1960	1961	1962	
Number of farms Acres in farm Crop A. in farm Farm inventory	148 170 116 \$24574	140 199 136 \$19851	149 218 147 \$20286	177 227 148 \$25912	169 223 148 \$31402	162 226 155 \$42663	165 235 162 \$49342	158 247 178 \$55842	164 252 170 \$58394	158 254 174 \$61065	
Farm earnings FARM EXPENSES Cattle bought Hogs bought Sheep bought Poultry bought	\$ 141 85 6 37	\$ 83 52 14 41	\$ 213 72 94 80	\$ 441 154 64 142	\$ 485 194 64 176	\$ 902 202 35 154	\$ 1148 258 143 124	\$ 1549 328 148 108	\$ 1283 416 81 89	\$ 1726 503 86 212	<b></b>
Horses bought Misc. lvstk. exp. Misc. crop expense Feed bought	36 66 186 440	33 64 160 313	43 94 222 535	32 124 301 1273	14 228 701 1954	6 359 1010 2241	6 530 1528 2747	3 671 1674 3172	4 692 1706 3848	2 759 1844 3842	*22
Custom work hired Power (new & exp.) Mach. & equip. (new) Mach. & equip. (upkeep)	399 190 72	321 122 55	559 281 67	165 717 392 144	401 1562 845 280	552 2028 1231 350	745 2414 1375 472	808 2738 1123 520	813 2765 1225 580	846 2815 1578 553	9
Buildings (new) Buildings (upkeep) Hired labor Taxes and insurance General farm	130 52 272 298 30	81 32 243 313 28	245 79 398 281 35	331 188 585 303 52	778 323 849 449 93	983 368 857 736 136	982 320 878 1001 176	870 358 850 1282 187	1392 359 979 1428 205	1346 373 923 1502 206	
Total farm purchases	\$2440	\$1955	\$3298	\$5408	\$9396	\$12150	\$14847	\$16389	\$17865	\$19116	
Decrease in farm capital Board to hired labor Interest on farm capital Unpaid family labor	102 1228 358	230 87 992 261	145 1014 239	158 1296 326	174 1570 511	166 2133 496	173 134 2467 540	66 103 2792 549	119 2920 593	88 3053 589	
Total farm expense	\$4128	\$3525	\$4696	\$7188	\$11651	\$14945	\$18161	\$19899	\$21497	\$22846	

22

Table 23. Summary by Years (Continued)

Cattle				9	<b>U</b>	•	•				
FARM RECEIPTS Cattle Ca	estimativi ta adamose socialista en internacional modello di trabatore alla socialista di trabatore di trabat	Average 1928-29	Average 1930-34	Average 1935-39	Average 1940-44	Average 1945-49	Average 1950-54	Average 1955-59	1960	1961	1962
Dairy products	FARM RECEIPTS	MONTH ON THE PARTY OF THE PARTY									
Hogs   1164   793   107h   2517   3598   h253   h653   5593   6h11   6505   6505   6505   6505   600   186   232   171   272   304   196   177   176   177   176   177   176   177   176   177   176   176   177   176   177   176   177   176   177   176   177   177   176   177   176   177   176   177   177   176   177	Cattle	\$ 753		\$ 713				\$3532	\$4445		
Sheep and wool   52   60   200   186   232   171   272   304   196   176	Dairy products	1662	1188	1451						7935	
Poultry         1h0         166         381         629         672         35h         212         132         81         97           Eggs         275         2h3         372         751         1319         1297         1075         916         915         1056           Horses         30         27         55         3h         20         1h         8         h         3         5           Corn         37         62         153         121         335         766         1926         1932         1158         1h56           Small grain         2h1         177         357         278         659         495         481         517         730         606           Cother crops         163         155         17h         455         819         853         133h         1116         620         118         186         1h1         178         182         269         215         221         221         231         Agricultural adjustment payments         0         74         230         25h         58         59         45         71         30         11         MIScellaneous         1826         157         230	Hogs										
Signs   275   243   372   751   1319   1297   1075   916   915   1056	Sheep and wool	52	60	200	186	232	171	272	304	196	176
Horses Corn 37 62 153 34 20 14 8 4 3 5 Corn 37 62 153 121 335 766 1926 1932 1158 1456  Small grain 241 177 357 278 659 495 481 517 730 606 Other crops 163 155 174 455 819 853 1334 1113 1876 2243  Agricultural adjustment payments 0 74 230 254 58 59 45 71 30 11  Miscellaneous 13h 138 247 282 470 625 684 719 665 856  Total farm sales 34753 \$3632 \$5575 \$9121 \$11462 \$1672 \$2023 \$23081 \$25041 \$25810  Inc. in farm capital 617 - 524 921 1411 1905 1114 - 1923 550  Family living from farm 325 232 273 566 715 620 304 310 304 306  Total farm receipts \$5695 \$3864 \$6372 \$10608 \$16588 \$19277 \$21941 \$23391 \$27268 \$26666  Total farm expenses 1428 3525 4696 7188 11651 14945 18161 19899 21497 22846  Labor earnings  MISCELLANEOUS ITEMS  WISCELLANEOUS ITEMS  Wield per acre: Corn (bu.) 36.0 26.2 28.7 24.8 30.8 29.1 44.4 35.5 53.8 33.4  Alfalfa (tons) 3.0 2.3 2.3 2.4 2.3 24.5 22.8 28.9 33.7 35.5 36.9 3.2  Alfalfa (tons) 3.0 2.3 2.3 2.4 2.3 24.5 22.8 28.9 33.7 35.5 36.9 3.2  Alf. Ivstk. per 100 A. 19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9  A.U. Ivstk. per 100 A. 19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9  Bork units per worker 310 338 341 305 300 284 274 305 291 316  Work units per worker 310 338 341 305 300 284 274 305 291 316  Exp. per work unit  **Total farm receivs file of the file of t	Poultry	140	166	381	629	672	354	212	132	81	97
Horses 30 27 55 3h 20 1h 8 h 3 5 5 Corn 37 62 153 121 335 766 1926 1932 1158 1h56  Small grain 2h1 177 357 278 659 h95 h81 517 730 606 Other crops 163 155 17h 455 819 853 13h 1113 1876 22h3 Income—labor off farm 102 118 168 1h1 178 182 269 215 221 231 Agricultural adjustment payments 0 7h 230 25h 58 59 h5 71 30 11 M3cellaneous 13h 13h 138 2h7 282 h70 625 68h 719 665 856  Total farm sales \$\frac{1}{3}\text{h}\text{5}\text{5}\text{5}\text{5}\text{9}\text{2}\text{1}\text{h}\text{h}\text{1}\text{6}\text{5}\text{5}\text{5}\text{1}\text{1}\text{1}\text{1}\text{1}\text{5}\text{1}\text{1}\text{1}\text{1}\text{6}\text{2}\text{5}\text{5}\text{5}\text{1}\text{1}\text{1}\text{1}\text{6}\text{2}\text{5}\text{5}\text{5}\text{5}\text{1}\text{1}\text{1}\text{1}\text{6}\text{2}\text{5}\text{5}\text{5}\text{5}\text{1}\text{1}\text{1}\text{1}\text{6}\text{2}\text{5}\text{5}\text{5}\text{5}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{2}\text{3}\text{2}\text{3}\text{2}\text{5}\text{5}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{2}\text{3}\text{2}\text{3}\text{2}\text{5}\text{5}\text{5}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{2}\text{3}\text{2}\text{2}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{2}\text{3}\text{2}\text{3}\text{2}\text{3}\text{2}\text{3}\text{2}\text{3}\text{2}\te	Eggs	275	243	372	751	1319	1297	1075	916	915	1056
Small grain 2 lll 177 357 278 659 495 481 517 730 606 Other crops 163 155 174 455 819 853 1334 1113 1876 2243 Income-labor off farm 102 118 168 141 178 182 269 215 221 231 Agricultural adjustment payments 0 74 230 254 58 59 45 71 30 11 Miscellaneous 134 138 247 282 470 625 664 719 665 856  Total farm sales 44753 \$3632 \$5575 \$9121 \$14462 \$16752 \$20523 \$23081 \$25011 \$25810 Inc. in farm capital 617 - 524 921 1411 1905 1114 - 1923 550 Family living from farm 325 232 273 566 715 620 304 310 304 306  Total farm receipts \$5695 \$3864 \$6372 \$10608 \$16588 \$19277 \$21941 \$23391 \$27268 \$26666 Total farm expenses 4128 3525 4696 7188 11651 14945 18161 19899 21497 22846 Labor earnings 1567 339 1676 3420 4937 4332 3780 3492 5771 3820  MISCELLANEOUS TIEMS  Wield per acre: Corn (bu.) 44.8 43.4 47.2 55.7 47.6 59.8 73.1 63.2 82.3 70.5 Barley (bu.) 36.0 26.2 28.7 24.8 30.8 29.1 41.4 35.5 53.8 33.4 Cats (bu.) 46.0 40.0 43.1 44.2 18.2 32.8 58.3 51.0 59.6 56.8 Alfalfa (tons) 3.0 2.3 2.3 2.4 2.3 2.7 2.9 3.0 3.0 3.2  # high return crops 31.9 35.8 41.0 43.3 50.9 62.8 62.7 58.1 61.9 61.7 A.U. 1vstk. per 100 A. 19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9 No. of work units 599 747 776 601 535 486 818 10.8 \$11.45 \$11.495 Exp. per work unit 51.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.495 Exp. per work unit 51.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.495 Exp. per work unit 51.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.495 Exp. per work unit 51.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.495 Exp. per work unit 51.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.495 Exp. per work unit 51.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.495		30	27	55	34	20	14	8	4	3	5
Other crops  163 155 174 455 819 853 1334 1113 1876 2243 Income-labor off farm  102 118 168 141 178 182 269 215 221 231 Agricultural adjustment payments  0 74 230 254 58 59 45 71 30 11 Miscellaneous  134 138 247 282 470 625 684 719 665 856  Total farm sales  \$44753 \$3632 \$5575 \$9121 \$14462 \$46752 \$20523 \$23081 \$25041 \$25810 Inc. in farm capital 617 - 524 921 1411 1905 1114 - 1923 550 Family living from farm 325 232 273 566 715 620 304 310 304 306  Total farm receipts \$5695 \$3864 \$6372 \$10608 \$16588 \$19277 \$21941 \$23391 \$27268 \$26666 Total farm expenses 4128 3525 4696 7188 11651 14945 18161 19899 21497 22846 Labor earnings  MISCELLANEOUS ITEMS  Yield per acre: Corn (bu.) 414.8 43.4 47.2 55.7 47.6 59.8 73.1 63.2 82.3 70.5 Barley (bu.) 36.0 26.2 28.7 24.8 30.8 29.1 44.4 35.5 53.8 33.4 Cats (bu.) 416.0 40.0 43.4 44.2 48.2 32.8 58.3 51.0 59.6 56.8 Alfalfa (tons) 3.0 2.3 2.3 2.4 2.3 2.7 2.9 3.0 3.0 3.2  Alfalfa (tons) 3.0 2.3 2.3 2.4 2.3 2.7 2.9 3.0 3.0 3.2  Alfalfa (tons) 31.9 35.8 41.0 43.3 50.9 62.8 28.9 33.7 35.5 36.9 36.9 A.U. Ivstk. per 100 A. 19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9 A.U. Ivstk. per 100 A. 19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9 A.U. Ivstk. per 100 A. 19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9 A.U. Ivstk. per 100 A. 19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9 A.U. Ivstk. per 100 A. 19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9 A.U. Ivstk. per work units 599 747 777 670 601 535 486 519 529 538 Mork units per worker 310 338 341 305 300 284 274 305 291 316 Exp. per work unit	Corn	37	62	153	121	335	766	1926	1932	1158	1456
Other crops 163 155 174 455 819 853 1334 1113 1876 2243 Income-labor off farm 102 118 168 144 178 182 269 215 221 231 Agricultural adjustment payments 0 74 230 254 58 59 45 71 30 11 31 138 247 282 470 625 684 719 665 856	Small grain	241	177	357	278	659	495	481	517	730	
Agricultural adjustment payments 0 74 230 254 58 59 45 71 30 11 Miscellaneous 13h 138 247 282 470 625 68h 719 665 856  Total farm sales \$4,753 \$3632 \$5575 \$9121 \$11h62 \$16752 \$20523 \$23081 \$25041 \$25810 Inc. in farm capital 617 - 524 921 1411 1905 1114 - 1923 550 Family living from farm 325 232 273 566 715 620 304 310 304 306  Total farm receipts \$5695 \$3864 \$6372 \$10608 \$16588 \$19277 \$21941 \$23391 \$27268 \$26666 Total farm expenses 4128 3525 4696 7188 11651 14945 18161 19899 21497 22846 Iabor earnings 1567 339 1676 3420 4937 4332 3780 3492 5771 3820  MISCELIANEOUS ITEMS  Wield per acre:  Corn (bu.)  Barley (bu.)  36.0 26.2 28.7 24.8 30.8 29.1 44.4 35.5 53.8 33.4 Cats (bu.)  Alfalfa (tons)  3.0 2.3 2.3 2.4 2.3 2.7 2.9 3.0 3.0 3.0 3.2 3.4 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1		163	155								
Miscellaneous 134 138 247 282 470 625 684 719 665 856  Total farm sales \$\frac{1}{1}\text{753}\$ \$\frac{3}{3}\text{632}\$ \$\frac{5}{5}\text{757}\$ \$\frac{9}{1}\text{11}\$ \$\frac{1}{1}\text{16}\text{665}\$ \$\frac{8}{5}\text{66}\$ \$\frac{1}{1}\text{71}\$ \$\frac{1}{2}\text{810}\$ \$\frac{1}{1}\text{1753}\$ \$\frac{3}{2}\text{3632}\$ \$\frac{5}{2}\text{575}\$ \$\frac{9}{2}\text{11}\$ \$\frac{1}{1}\text{11}\$ \$\frac{1}{2}\text{55}\text{550}\$ \$\frac{1}{2}\text{11}\$ \$\frac{1}{1}\text{195}\$ \$\frac{1}{1}\text{11}\$ \$\frac{1}{1}\text{195}\$ \$\frac{1}{1}\text{11}\$ \$\frac{1}{1}\text{195}\$ \$\frac{1}{1}\text{114}\$ \$\frac{1}{1}\text{195}\$ \$\frac{1}{2}\text{114}\$ \$\frac{1}{2}\text{23}\$ \$\frac{1}{2}\text{550}\$ \$\frac{1}{2}\text{10608}\$ \$\frac{1}{1}\text{560}\$ \$\frac{1}{3}\text{10}\$ \$\	Income-labor off farm	102	118								
Total farm sales	Agricultural adjustment payment										
The in farm capital 617 - 524 921 141 1905 1114 - 1923 550 Family living from farm 325 232 273 566 715 620 304 310 304 306  Total farm receipts \$5695 \$3864 \$6372 \$10608 \$16588 \$19277 \$21941 \$23391 \$27268 \$26666 Total farm expenses 4128 3525 4696 7188 11651 14945 18161 19899 21497 22846 Labor earnings 1567 339 1676 3420 4937 4332 3780 3492 5771 3820  MISCELLANEOUS ITEMS  Yield per acre: Corn (bu.) 44.8 43.4 47.2 55.7 47.6 59.8 73.1 63.2 82.3 70.5 Barley (bu.) 36.0 26.2 28.7 24.8 30.8 29.1 44.4 35.5 53.8 33.4 Oats (bu.) 46.0 40.0 43.4 44.2 48.2 32.8 58.3 51.0 59.6 56.8 A161fa (tons) 3.0 2.3 2.3 2.4 2.3 2.7 2.9 3.0 3.0 3.2 \$4 1.0 4.2 4.2 5.0 5.0 5.0 \$4 1.0 5.0 \$4 1.0 5.0 \$4 1		134	138	247	282	470	625	684	719	665	856
Inc. in farm capital Family living from farm  325 232 273 566 715 620 304 310 304 326 306  Total farm receipts \$5695 \$3864 \$6372 \$10608 \$16588 \$19277 \$21941 \$23391 \$27268 \$26666  Total farm expenses \$128 \$3525 \$1696 \$7188 \$11651 \$14945 \$18161 \$19899 \$21497 \$22846  Labor earnings  MISCELLANEOUS ITEMS  Yield per acre:  Corn (bu.)  Barley (bu.)  Oats (bu.)  Alfalfa (tons)  Alfalfa (tons)  Alfalfa (tons)  Alfalfa (tons)  Shigh return crops A.U. lystk. per 100 A.  No. of work units  599 747 777 670 601 535 620 304 310 310 304 320 304 320 304 320 304 320 324 3266 5266 7188 11651 14945 18161 19899 21497 22846 52966 520 530 530 530 530 530 530 530 530 530 53	Total farm sales	\$4753	\$3632		\$9121				\$23081		
Family living from farm  325 232 273 566 715 620 304 310 304 306  Total farm receipts \$5695 \$3864 \$6372 \$10608 \$16588 \$19277 \$21941 \$23391 \$27268 \$26666  Total farm expenses \$128 3525 \$1696 7188 \$11651 \$14945 \$18161 \$19899 \$21497 \$22846  Labor earnings \$1567 339 1676 3420 4937 4332 3780 3492 5771 3820  MISCELLANEOUS ITEMS  Yield per acre: Corn (bu.) \$144.8 \$43.4 \$47.2 55.7 \$47.6 59.8 73.1 63.2 82.3 70.5  Barley (bu.) \$36.0 26.2 28.7 24.8 30.8 29.1 \$41.4 35.5 53.8 33.4  Oats (bu.) \$46.0 \$40.0 \$43.4 \$44.2 \$48.2 32.8 58.3 51.0 59.6 56.8  Alfalfa (tons) \$3.0 2.3 2.3 2.4 2.3 2.7 2.9 3.0 3.0 3.2  % high return crops \$31.9 35.8 \$41.0 \$43.3 50.9 62.8 62.7 58.1 61.9 61.7  A.U. lvstk. per 100 A. 19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9  No. of work units \$599 747 777 670 601 535 486 519 529 538  Work units per worker \$310 338 341 305 300 284 274 305 291 316  Exp. per work unit \$1.76 \$1.26 \$1.37 32.5 \$41.69 \$8.18 10.8 \$11.45 \$11.97 \$11.94  Exp. per work unit \$1.76 \$1.26 \$1.37 32.5 \$41.69 \$8.18 10.8 \$11.45 \$11.97 \$11.94			· uma								
Total farm expenses Labor earnings  h128 3525 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		<u>325</u>	232	<u>273</u>	566	715	620	304	310	304	306
Labor earnings 1567 339 1676 3420 4937 4332 3780 3492 5771 3820  MISCELLANEOUS ITEMS  Yield per acre:  Corn (bu.)  Barley (bu.)  Oats (bu.)  Alfalfa (tons)  % high return crops A.U. lvstk. per 100 A.  No. of work units  Miscellaneous ITEMS  1567 339 1676 3420 4937 4332 3780 3492 5771 3820  1568 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 3780 3492 5771 3820  1569 3420 4937 4332 32.8 42.8 42.3 42.3 42.3 42.3 42.3 42.3 42.3 42.3	Total farm receipts										
MISCELLANEOUS ITEMS  Yield per acre:  Corn (bu.)  Barley (bu.)  Oats (bu.)  Alfalfa (tons)  % high return crops A.U. lvstk. per 100 A.  No. of work units  Diagram of the standard of the stan											
Yield per acre:  Corn (bu.)  Barley (bu.)  Oats (bu.)  Alfalfa (tons)  A.U. lvstk. per 100 A.  No. of work units  Work units per worker  Exp. per work unit  Alfa.8 43.4 47.2 55.7 47.6 59.8 73.1 63.2 82.3 70.5  44.8 43.4 47.2 55.7 47.6 59.8 73.1 63.2 82.3 70.5  44.8 30.8 29.1 41.4 35.5 53.8 33.4  45.0 40.0 43.4 44.2 48.2 32.8 58.3 51.0 59.6 56.8  20.1 41.4 35.5 53.8 33.4  40.1 43.4 44.2 48.2 32.8 58.3 51.0 59.6 56.8  40.1 43.3 50.9 62.8 62.7 58.1 61.9 61.7  40.1 43.3 50.9 62.8 62.7 58.1 61.9 61.7  40.1 43.3 50.9 62.8 62.7 58.1 61.9 61.7  40.1 43.3 50.9 62.8 62.7 58.1 61.9 61.7  40.1 53.5 48.6 51.9 52.9 538  40.2 53.6 53.6 53.8 53.4  40.3 50.9 62.8 62.7 58.1 61.9 61.7  40.4 50.6 50.9 60.1 53.5 48.6 51.9 52.9 538  40.5 59.8 73.1 63.2 82.3 70.5  40.5 59.6 56.8  40.6 59.8 73.1 63.2 82.3 70.5  40.6 7.7 7.7 670 60.1 70.5  40.6 7.7 7.7 670 60.1 70.5  40.6 7.7 7.7 670 60.1 70.5  40.7 7.7 7.7 670 60.1 70.5  40.8 7.7 7.7 7.7 7.	Labor earnings	1567	339	1676	3420	4937	4332	3780	3492	5771	3820
Corn (bu.)  Barley (bu.)  Oats (bu.)  Alfalfa (tons)  Most writs per work unit  Corn (bu.)  Barley (bu.)  36.0  26.2  28.7  24.8  30.8  29.1  41.4  35.5  53.8  33.4  44.2  48.2  32.8  58.3  51.0  59.6  56.8  3.0  2.3  2.4  2.3  2.7  2.9  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3	MISCELLANEOUS ITEMS			A STATE OF THE STA		CAT THE CAMERICAN STREET, THE PROPERTY THE			un gantar - Hazaran dinawa ana di		
Barley (bu.) Barley (bu.) Oats (bu.) Alfalfa (tons)  36.0 26.2 28.7 24.8 30.8 29.1 41.4 35.5 53.8 33.4  Oats (bu.) Alfalfa (tons)  30.0 2.3 2.3 2.4 2.3 2.7 2.9 3.0 3.0 3.2  % high return crops A.U. lvstk. per 100 A. 19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9  No. of work units 599 747 777 670 601 535 486 519 529 538  Work units per worker 310 338 341 305 300 284 274 305 291 316  Exp. per work unit  \$1.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.97 \$11.94	Yield per acre:					1 d	m/ 0 0	m 0 3	(2.0	00.0	ייט ל
Oats (bu.) Alfalfa (tons)  0ats (bu.) Alfalfa (tons)  3.0 2.3 2.3 2.4 2.3 2.7 2.9 3.0 3.0 3.2  % high return crops A.U. lvstk. per 100 A.  19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9  No. of work units  599 747 777 670 601 535 486 519 529 538  Work units per worker  310 338 341 305 300 284 274 305 291 316  Exp. per work unit  \$1.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.97 \$11.94	Corn (bu.)		43.4								
Alfalfa (tons)  3.0 2.3 2.3 2.4 2.3 2.7 2.9 3.0 3.0 3.2  % high return crops A.U. lvstk. per 100 A.  19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9  No. of work units  599 747 777 670 601 535 486 519 529 538  Work units per worker  310 338 341 305 300 284 274 305 291 316  Exp. per work unit  \$1.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.97 \$11.94	Barley (bu.)										
### ### ### ### ### ### ### ### ### ##	Oats (bu.)					•					
% high return crops A.U. lvstk. per 100 A.  19.2 20.6 19.3 24.5 22.8 28.9 33.7 35.5 36.9 36.9 No. of work units  599 747 777 670 601 535 486 519 529 538 Work units per worker  310 338 341 305 300 284 274 305 291 316 Exp. per work unit  \$1.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.97 \$11.94	Alfalfa (tons)	3.0	2.3	2.3	2.4	2.3			_		
A.U. 19stk. per 100 A.  No. of work units  599 747 777 670 601 535 486 519 529 538  Work units per worker  310 338 341 305 300 284 274 305 291 316  Exp. per work unit  \$1.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.97 \$11.94	% high return crops										
No. of work units  No. of work units  Work units per worker  \$1.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.97 \$11.94  Exp. per work unit  \$1.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$21.4 \$2.3 \$22.4	A.U. lvstk. per 100 A.										
Work units per worker \$1.76 \$1.26 \$1.37 \$2.35 \$4.69 \$8.18 10.8 \$11.45 \$11.97 \$11.94 Exp. per work unit	No. of work units										
Exp. per work unit \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Work units per worker										
No. of milk cows 14.2 17.8 17.8 17.6 16.0 16.0 17.6 22.4 22.5 22.4	Exp. per work unit										
	No. of milk cows	14.2	17.8	17.8	T.1.0	T(.0	101	17.0	C.L. 0 4	رده ع	

			Average 1935-39					1960	1961	1962	
MISCELLANEOUS ITEMS (Cont.)											
No. of litters of pigs	9.3	10.8	9.5	14.4	11.7	13.5	17.3	20.1	18.0	21.0	
Lbs. of hogs prod.	12706	15153	13438	21586	18505	17579		35306	37529		
Lbs. feed. catt. prod.	*	於	*	1534	813	2118	3529	5365	6075	4782	
No. of head of ewes	*	*	於	10	•	7	5	4	5	4	
No. of hens	136	169	182	222	235	219		175	169	199	
Lbs. BF per dairy cow	244	240	238	252	278	308		364	367	367	
Pigs weaned per lit.	6.3	6.1	6.4	6.2	6.5	6.7	6.9	6.8	7.2	7.0	
No. of eggs laid per hen	95	114	131	145	177	194	203	197	210	206	
PRICE RECEIVED PER:	2)	#	н о\	# <b>\</b> =	# 00	dh enw	# <i>((</i>	dh Zr	\$ .69	\$	
Lb. BF as cream	\$ .52	\$ .28	\$ .34	\$ .47	\$ .80 19.36	\$ .75 19.54	\$ .66 15.99	\$ .65 15.34	16.59		
Cwt. hogs sold	8.92	4.98	8.26	10.93 11.55	20.56			22.40	24.98		
Cwt. feed. catt. sold	.36	ءً16	.25	.39	.43			.66	.58		
Pounds wool sold	.28	.16	°19	。27 。27	.39			.30	·30		
Doz. eggs sold	020	ه ۲۰	٥٢/	۱۵۰	627	۰ ۷۱	<b>V</b> ) as	vyc		•	
RETURN ABOVE FEED COST PER:				#0 00	#= (= 0=	#a~/ 0/	#a (0 9(	#מס מל	<b>掛コハコ ワ</b> 1.	₫178 2 <b>2</b>	
Dairy cow	\$76.50	\$28.15	\$49.95	\$81.83	\$161.27	\$156.00	\$162.86 4.62	6.49	5.72	4.42	4
Cwt. hogs prod.	1.50	844ء	2.98	3.93	6.09 11.16		6.18	5.83	4.03	5.18	
Ewe	*	<b>新</b>	* * * * * * * * * * * * * * * * * * * *	6.97 1.82	2.11			1.64	1.62		
Hen	1.82	。99 **	1.12	2.98	6.40	7.37	4.76	3.75	3.01		
Cwt. feed. catt. prod.	*	次	<b>%</b>	2 9 9 0	0.40	1001	4010				
FEED COST PER:	φ(ο <b>τ</b> ο	#1.7 20	\$44.93	<b>\$63.13</b>	\$123.22	\$11,2,59	\$147.05	\$153.89	\$164.00	\$167.93	
Dairy cow	\$69.50	\$47.30 4.21	5.10	7.52	13.23	12.95	10.65	10.06	10.43	11.14	
Cwt. hogs prod.	7.66 *	₩ 4°57	انده ر انده ر	7.92	8.07	10.73	11.17	12.64	14.24	12.91	
Ewe	1.62	1.13	1.57	2.38	4.39	4.76	3.78	3.22	3.30		
Hen Cwt. feed. catt. prod.	7.02	ريە. %	エックト	11.80		19.46	18.83	16.69	18.53	19.36	
-						. ,					
PRICE OF FEED:	<b>∄</b> □○	<b>₿ 1.</b> ८	\$ .59	\$ .71	\$1.29	\$1.31	\$1.11	\$ .96	\$ .94	\$ .96	
Corn (per bu.)	\$ .70 .60	\$ .45	1.0	.59	1.31	1.16		.87	.93	.99	
Barley (per bu.)	.60	.26	.28	.46	.75	.74		.58	. 60	.61	
Oats (per bu.)	3.00	1.96	2.12	2.30	3.84		3.73	3.85	4.35	4.40	
Oilmeal (per cwt.)	14.75	11.10	9.30	9.90	18.40	18.30	18.20	19.50	19.50	19.00	
Alfalfa (per ton)	14017	TT01TO	, , , ,		•						

<sup>\*</sup> Information not available.

Footnote for pages 22, 23, and 24.

The values of farm real estate in 1931 were reduced approximately 25 percent from 1928-30 values. The values in 1932 were reduced about 29 percent from the 1931 values. Only land was affected by the reduction in 1931, but in 1932 buildings and improvements were cut 25 percent. In 1936 the values of land were adjusted upward 10 percent. The value of dairy cows was also adjusted downward in 1932 and upward in 1936. The capital losses were not included in the inventory decreased in the financial statement but the changes in valuation resulted in variations in the interest charge. No changes in the basis of inventory valuations were made in the years 1933 to 1935 and 1937 to 1962.

The charges for unpaid family labor and board for hired labor were also changed from year to year. The rates used for the period 1928 to 1962 were as follows:

Year	Unpaid family labor	Board for hired labor	Year	Unpaid family labor	Board for hired labor
1928-30 1931 1932-34 1935 1936 1937-40 1941	\$60 40 30 40 43 45 50	\$20 15 10 15 18 18 20	1942 1943 1944 1945 1946 1947-55 1956-60 1961-62	\$60 75 85 90 100 125 135	\$25 25 25 25 30 36 38 40

Several changes were made in the 1940 records. The value of the house, which had previously been omitted from the farm business, was included and a rental charge equal to 10 percent of the average value of the house was included with the farm perquisites. The standards used in the calculation of work units were changed in accordance with the new information made available. This latter change also affected the work units per worker and the factor of expense per work unit. The acres in protected woodlots, roads, waste, and farmstead were omitted from the acreage used in the calculation of amount of livestock per 100 acres. Several new livestock statements were added. Statements for beef breeding cattle, feeder cattle, and feeder sheep were also included.

The crop ratings used in calculating the percentage of the tillable land in high return crops were changed considerably in 1944 and 1957 and the animal unit equivalents were changed in 1951.

The standards used in the calculation of work units were changed in 1953. Also the value of the house, which had been included in the investment of farm buildings since 1940, was omitted from all the records except the net worth statements.

These adjustments should be considered in comparing 1962 results with previous years.