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Annual Report of the Southeastern Minnesota Farm Management Service

1941

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Mimeographed Report No. 128 Division of Agricultural Economics University Farm St. Paul, Minnesota March 1942

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## Fourteenth Annual Report of the Farm Management Service of Dakota, Dodge, Freeborn, Goodhue, Le Sueur, Mower, Nicollet, Olmsted, Rice, Scott, Steele, Wabasha, Waseca and Winona Counties for the Year 1941

Prepared by T. R. Nodland, G. E. Toben and G. A. Pond

### INTRODUCTION

The Division of Agricultural Economics and the Division of Agricultural Extension of the University of Minnesota, the Bureau of Agricultural Economics of the United States Department of Agriculture, and the county extension services of Dodge, Freeborn, Goodhue, Rice, Steele and Waseca Counties organized late in 1927 the Farm Management Service Project, to operate in the above named counties, beginning January 1, 1928. Additional counties have since been added. This farm management service is offered to farmers who desire to keep farm records, and to have these records summarized and analyzed in connection with those of other farmers. Each farmer who cooperates in this service pays an annual fee which covers a part of the cost. The balance of the cost is defrayed by the University of Minnesota.

General administration of this project, analysis of the records and preparation of the reports is handled by the Division of Agricultural Economics under the direction of G. A. Pond, T. R. Nodland and G. E. Toben. Field organization is handled by the Agricultural Extension Division with S. B. Cleland and J. B. McNulty in charge of this work. Glen Myers is the field agent for this project. At the end of the year A. W. Anderson and V. G. Dose of the Division of Agricultural Economics aided in closing the records. County agricultural extension agents who cooperate in this project include H. Läwrenz, V. Sander, W. M. Lawson, G. J. Kunau, R. D. Evans, F. L. Liebenstein, E. Nelson, R. Aune, D. Marti, W. W. Miller, J. R. Gute, S. B. Simpson, C. F. Murphy and H. C. Pederson

The Southeast Minnesota Farm Management Association was organized in 1939 by the farmers cooperating in the S. E. Farm Management Service. This association now represents its membership as an additional cooperating agency to determine policies and especially to maintain the field organization and membership. Officers for 1941 were:

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Carlos and Angelt and Angel

President, H. B. Hillier, Brownsdale, Mower County; Vice-President, W. G. Frame, Northfield, Dakota County; Secretary-Treasurer, John Vaughn, Elko, Scott County.

The board of directors included these officers and also the following: Leslie Wright, Dodge County; Ross Ferguson, Freeborn County; Joe Rostad, Goodhue County; Franklin Till, Olmsted County; J. T. Holmes, Rice County; Hiram Johnson, Steele County; Fred Scholljegerdes, Waseca County and Joe Ries, Winona County.

In addition to records kept by members of the S. E. Minn. Farm Mgt. Service, 26 records from farmers in a 3-year detailed accounting study in Nicollet county are included. Some of these farmers were in the S. E. Service in 1940 and earlier years and will probably return to it at the end of the three-year period. Since these farms are in the same area and of the same type as the

Note: Assistance in the preparation of this material was furnished by workers supplied on N. Y. A. Student Work Project No. 350-70. Sponsor: University of Minnesota. others and since the same type of records are available they have been combined with those of the regular service to increase the size of the sample and make the comparison more significant. These records have been kept under the general direction of Mr. S. A. Engene of the Dept. of Agr. Econ. and serviced by Mr. F. E. Wetherill.

The following tabulation shows by counties the number of records submitted in 1941:

	Dakota	8		Mower	10	i ta a	Steele	16	
	Dodge	. 8	,	Nicollet	29		Wabasha	- 9	
÷ .	Freeborn	-23		Olmsted	15		Waseca	21	
	Goodhue	17	· .	Rice	7		Winona	_ 22	
	LeSueur	5		Scott	14	.:	Total	2.04	
	·			2000 (1994) 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 -	. 1	and the second		. K. K.	. "

The table on page 4 and succeeding pages show 197 farms. Seven farms have been omitted from all the averages in the tables because they differed so widely in type from the others or were not sufficiently complete for a full analysis.

#### TYPE OF FARMING\*

Most of the farms are livestock farms on which dairy cattle are the principal source of income. Although some milk and cream are retailed in cities, and some milk is sold for shipment to the Twin Cities, cream for manufacture into butter is generally the principal dairy product sold. This is marketed through farmer-owned cooperative creameries specializing in the manufacture of high quality butter. The skimmilk is retained on the farm and fed to hogs and poultry. These two classes of livestock are also an important source of income.

The principal crops grown are corn, oats, barley and hay: These crops are raised primarily as livestock feed, although a seasonal surplus may be sold. Wheat, sweet corn, canning peas, sugar beets, flax and seed crops are grown to a limited extent as cash crops.

## WEATHER, SOIL AND TOPOGRAPHY

Weather conditions were unfavorable for early spring work; seeding of small grains was seriously delayed. However, warm weather together with frequent rains in May and June favored the rapid growth of crops. Corn cultivating and haying were hindered by wet weather. Hot, dry weather during July and August damaged small grains and pastures. Frequent rains in September delayed late threshing and other fall work. The fall of 1941 was considerably warmer and much wetter than usual. Light frosts in late September resulted in no serious damage. Killing frosts occurred in late October.

There is some variation in soil conditions and topography among these counties. The soil varies from sandy loam to a rich black clay loam; the latter type predominates in this area. Some of the farms are level, all tillable and well drained, but most of them are gently rolling with some land too rough or too wet to cultivate. Goodhue, Wabasha and Winona Counties

\*For a more complete description of the area see Engene, S. A. and Pond, G. A., "Agricultural Production and Types of Farming in Minnesota", Minn. Bul. 347, May, 1940. have more rolling land than the other counties. Much of the level land is tile to make possible its cultivation in wet years. However, on a number of farms, there is considerable land which is poorly drained. In much of Goodhue, Dodge, Mower, Olmsted and Winona Counties and in the eastern part of Dakota, Rice and Steele Counties, the soil is lime deficient and applications of lime are necessary in order to grow alfalfa and sweet clover. In the remainder of the area it is not necessary, as a rule, to apply lime in order to grow these two crops.

	<u> </u>	DTG T MO	nuniy and	Annual r	recipitat	1.0n		
	Roche	ster	Alber	t Lea	Farib	ault	St. I	'eter
	Precip-	Depart-	Precip-	Depart-	Precip-	Depart-	Precip-	Depart-
	itation	ure from	itation	urefrom	itation	ure from	itation	urefrom
		normal	· .	normal		normal	and the second sec	normal
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches
		di la					· ·	
January	1.67	+0.57	0.80	-0.01	0.67	+0.11	0.60	-0.28
February	0.28	-0.54	1.07	+0.16	0.42	-0.24	1.26	+0.56
March	2.54	+1.22	1.05	-0.18	0.91	-0.12	1.27	+0.18
April	1.34	-1.33	2.26	-0.14	2.34	+0.46	1.96	-0.01
May	4.42	·+Q.44	5.42	+1.18	3.34	+0.12	4.36	+0.95
June	5.84	+1.25	6.53	+1.95	3.44	-0.93	5.30	+0.59
July	1.90	-0.88	1.24	-2.24	1.83	-1.52	1.86	-1.54
August	0.31	-2.99	0.86	-2.79	1.84	-1.57	1.04	-2.42
September	<b>c</b> 6.32	+3.35	7.79	+3.82	3.46	+0.01	4.48	+0.84
October	3.83	+1.73	7.42	+5.29	4.00	+1.92	5.63	+3.44
November	0.78	-0.83	0.78	-0.69	0.32	-0.82	1.31	+0.02
December	0.57	-0.35	1.13	+0.18	0.51	-0.12		+0.17
		t the second	· · · · · ·	•	• •			
1941 Tota		+1.64	36.35	+6.53	23.08	-2.70	29.95	+2.50
1940 Tota	1, 28.87	+0,71	27.81	-2.01	23.34	-2.44	38.39	+10.94
1939 Tota	1 21.92	-6.24	19.74	-10.08	16.28	-9.50	22.49.	-4.96
1938 Tota	1 43.69	+15.53	38.04	+8.22	27.14	+1.36	30.81	+3.36
						-	-	

Table 1 Monthly and Annual Precipitation

#### RECORDS KEPT

· · · · ·

The records kept by the cooperators included inventories at the beginning and end of the year, cash receipts and expenses, a report of feed fed to the various classes of livestock, and a record of farm produce used by the farm family. Supplementary information was also secured during the year regarding crop and livestock production and practices.

The cooperators were assisted and supervised in keeping their records by the field agent, Glen Myers, who visited each farm several times during the year. In addition to securing the supplementary information, the field agent's duties included numerous services, viz., securing a monthly list of prices of farm products prevailing in the area, helping the farmer place uniform values on real estate and equipment, checking the cash and feed records, and answering any questions that might arise as to how the entries should be made in the account book. The supervision resulted in uniformity in the type of records secured, in the inventory valuations and in the prices at which feed and farm produce were charged.

At the end of the year, the books were taken to the central office at University Farm, where they were summarized. For the purpose of comparison, the earnings as shown in this report are computed as if each farm were owned by its operator; however, each tenant is supplied a statement of his earnings on the basis of the rental system under which he is operating.

Summary of Farm Invento	ries (B	eginning of		
	Your farm	Average of 197 farms		39 least profitable farms
Size of farm (acres) Size of business (work units)*		227 664	283 898	204 526
Horses \$ Productive livestock (total) Dairy and dual purpose cows Other dairy & dual purpose cattle Beef cattle (including feeders) Hogs Sheep (including feeders Poultry (including turkeys) Crop, seed, and feed Mach. & equipment (total) Power mach. (f. share) Crop & gen. mach. (f. share) Livestock equip. & supplies Buildings, fences, etc. Land		\$ 401 2998 1132 601 460 458 151 196 2196 2644 928 1249 467 6427 8735	\$ 437 4216 1355 757 843 662 265 334 3229 3360 1112 1596 652 8141 10765	\$ 365 2409 1052 517 288 280 113 159 1378 2050 752 873 425 5858 7295
Total farm capital	р. 	23401	30148	19355

ummany of Farm Inventories (Beginning of Year), 1941

\* Explanation of term: "Work units."

The total "work units" for any one farm is a measure of size of that farm business. It is the accomplishment of a farm worker in a ten-hour day working on crops and productive livestock at average efficiency.

The number of work units for each animal and each acre of crops used in this report are listed as follows:

		No. of	No. of
Item	Per	work units	Item and the Per work units
	di ku si ka da ga	ee for a second second second	
Dairy and dual-	COW	14.5 1	Small grain acre .8
nurnose cows		•	Soybeans for grain " 1.0
Other dairy & du	al-)	4.4	Sugar beets " 3.0
purpose cattl	.e ) animal		Sweet corn is the bir We and 2.5
Beef breeding he			Corn, chusked
Sheep - farm flo			· Corn, hogged to instants "
Hens		28.0	Corn, shredded 2.8
Feeder cattle	<b>)</b> /		Corn silage d'and "term of2.1
Feeder sheep	. ). 100 lbs.	•5	Corn fodder
Hogs	) produced	· •	Alfalfa hay
Turkeys	)	.7	Soybean hay the set " state 1.4
Canning peas	acre		o Other hay crop and "an end. 6 th
		•	

\*Animal unit represents one cow, one bull, one feeder steer or heifer, two head of other cattle, seven head of sheep, fourteen lambs, five hogs, ten pigs, 100 hens, or 1,400 lbs. turkeys produced.

	-5-		- 1	
Summary of F	arm Inventories You farm	r Average	1941 39 most profitable farms	39 least profitable farms
Horses Productive livestock (tot. Dairy & dual purpose co Other dairy & dual purpos Beef cattle (including f Hogs Sheep (including feeder Poultry (including turk Crop, seeds, and feed Mach. & equipment (total)	ws e cattle eeders) s)	\$ 381 3692 1234 656 496 896 165 245 2451	\$ 395 5102 1547 860 746 1253 299 397 3768	\$ 348 2890 1109 533 444 559 69 176 1552
Power Mach. (f. share) Crop & gen. mach. Livestock equipment & sup Buildings, fences, etc. Land	pplies	3033 1100 1393 540 6549 8727	3953 1387 1778 788 8383 <u>10765</u>	2323 872 996 455 5871 <u>7295</u>
Total farm capital		24833	32366	20279
Sumr	nary of Amount c			
Items		Your Average farm of 197 farms	39 most profitable farms	39 least profitable farms
No. of horses No. of colts No. of dairy & dual purpos Head of other dairy & dual Head of cattle kept in bee Pounds of feeder cattle pr	purpose cattle of breeding herd	4.0 .9 17.4 17.7 	4.6 .9 20.5 22.2 7.3 3058	(3.5 .8 16.0 15.8 1.6 1606
Litters of pigs Pounds of hogs produced Head of sheep (2 lambs = 1 No. of hens	head)	13.8 20330 16.1 197	19•5 29477 256	8.1 11306 9.3 192
Total no. of prod. livesto		47.2	65.3	37.5
% of total that are dairy	cows	40.0	34.1	45.4
% of total that are other pur	dairy & dual pose cattle	21.0	18.7 <sup>200600</sup>	23.6
% of total that are in bee % of total that are feeder % of total that are native % of total that are feeder % of total that are hogs % of total that are turkey % of total that are hens	f breeding herd cattle sheep sheep	3.5 4.3 4.4 .4 19,2 2.5 4.7	5.0 5.6 5.4 1.0 19.7 6.1 4.4	1.8 3.7 3.1 .3 15.4 .9 5.8
Number of farms with tract	ors	4	<u>ала актрист</u> Сламана <b>39</b> . стана	
			<u>ing in the first</u> The first state	

Summary of Farm Earnings (C	ash State	ment), 1941	
Tour -	Average	39 most	39 least
farm	of 197	profitable	profitable
Items	farms	farms	farms
FARM EXPENSES	and the second second		The state of the strength of t
Horses bought 5 577 8 \$	\$ 32	\$ 36	\$ 24
Dairy and dual-purpose cows bought	80	109	<b>89</b> 0000
Other dairy & dual-purpose cattle "	81	138 138	and <b>hh</b> had a l
Beef cattle bought (including feeders	260	371	432
Hogs bought A State The State The State St	121	109	161
Sheep bought (including feeders)	45	133	15
Poultry bought (including turkeys)	118	238	85
Misc. crop expenses	202	295	168
Feed bought in the second states of the second	820	1380	727
Power mach. (farm share) (new)	418	621	290.000
Power mach. (farm share) (upkeep)	403	541	anta <b>339</b> (b. 6)
Custom work hired	115	107	121
Crop and general mach. (new)	<u>33</u> 2	430	276
Crop and general mach. (upkeep)	60	76	8 a 8 a 6 <b>1</b> 4 4 8
Livestock equipment (new)	138	• 234	<b>.</b>
Livestock equipment (upkeep)	30	35	36
Misc. livestock expense	101	177	87
Buildings and fencing (new)	313	466	253 ed vie
Buildings and fencing (upkeep)	164	209	171
Hired labor	454	644	484
Autoph <b>raxes</b> Andrew Competence and the second	252	323	228
Insurance is at State state	28	35	33
General farm	43	46	39
(1) Total farm purchases	4610	6753	4254
(2) Decrease in farm capital			
(3) Board furnished hired labor	145	179	117
(4) Interest on farm capital	1206	1563	991 ·
(5) Unpaid family labor	278	342	237
(6) Total farm expenses (Sum of (1) to (5)	6239	8837	5599
FARM RECEIPTS	la wébere ik		
Horses	31	32	20
Dairy and dual-purpose cows	294	394	239
Dairy products	1720	2164	1618
Other dairy and dual-purpose cattle	313	421	270
Beef cattle (including feeders)	608	1151	552
Hogs	1778	2625	1027
Sheep and wool (including feeders)		362	128
Poultry (including turkeys)	583	1547	244
Reggs I Left C.OB		790	458
	88	122	18
Callgrain C.20	262	273	181
Other crops	287	559	175
Power machinery sold	154	ad <b>229</b> and 1	86
je orop and gen. mach. sord	68	- <u>95</u> and ,	48
Misc.	120	132	
Income from work off the farm	146	213	52
Agricultural adjustment payments	331	419	245
	7479	11528	5448
(7) lotal laim sates (8) Increase in farm capital	1432	2218	924
(9) farm prod. used in house + house		(	1,
(10)  metal  ent  rent	<u> </u>	605	454
(10) Total farm receipts $(7) + (8) + (9)$	9416		6826
(6) Total farm expenses	6239	- 8837	
(11) Operator's labor earnings(10)-(6)	3177	5514	1227

## - 6 -Summary of Farm Earnings (Cash Statement), 1941

	Summary of Farm Ear	nings (Ant	erprise			. 70 7 1
	• • •	en tat y dean a		Average		
	وهد ديد د اله و	•	Your	of 197	profitable	
Items	· · · · · · · · · · · · · · · · · · ·	ىرىنى ئەن <del>بېرىرىكىنىيەرلېرىكىنىيەرىكە</del>	farm	farms	farms	farms
		an ta asy jin ata ang ing	na na sana sa			•
	AND NET DECREASES	in an	· ·	· ·	در به مربقه می از مربقه از مر مربقه از مربقه از مرب	the states
Total		\$_		• <b>\$</b> 699	\$ 898	\$ 620
Hors		•		183	235	151
	tor			215	292	194
Truc		· · · · · · · ·	·.	82	127	66
	(farm share)			105	120	91
Gas	engine (farm share)	· · · · · · · · ·		3	3	4
Elec	. plant or current (f	arm share)		53	66	54
Hire	ed power	1 . v		58	55	60 2 4
Crop a	nd general machinery			190	241	185
	ock equipment	-		85	112	87
Buildi	ngs, fencing and til	ing		246	295	279
	productive livestock			96	· 172	84
Labor	-			905	1192	872
Real e	estate taxes	i de la companya de	· · · · · · · · · · · · · · · · · · ·	220	278	200
	al property tax	an a	· · · · · · · · · · · · · · · · · · ·		45	28
					3.5	33
	al farm	-		43	46	39
	st on farm capital			1206	1563	991
		-		la ze		
(1) To	tal expenses & net d	.ecreases		3750	4877	3418
	a an	····		يوموهيو وها مالا مالا	e 2 116 12 1,	
RETURNS	AND NET INCREASES	P 1 55	•			
All pr	oductive livestock	a se de la serie		6419	9781	4547
Dairy	r and dual-purpose cow	S	internet i an an	2059	2592	1875
	dairy & dual-purpose		The second	606	859	461
	breeding herd		1 4 C	128	- 326 - S	27
Feede	er cattle			238	340	247
Hogs	· · · · · · · · · · · · · · · · · · ·			2144	3166	1176
Sheep	) - farm flock	• . · · ·	· · · ·	128	209	63
Sheer	) - feèders	· · · · ·		15	55	6
Turke	ys	te t		402	1326	79
Chick				699	908	613
	seed and feed	·	******	-116	-197	-314
	e from work off the f	arm		146	213	52
	ltural conservation		*******	331	419	245
-	laneous			147	175	115
		. to see -	· · ·		and the second	2
(2) To	tal returns & net in	creases		6927	10391	4645
1-1 -	ngelande og kan det skelter som som Sen netter skelter som			andre an Andre andre and	- 2012 - 100	
(l) To	tal expenses & net d	ecreases _	~	3750	4877	3418
(3) 0r	er. labor earnings (2	)minus(1)	1. j. k	3177	5514	1227
	107 • TUPOT CUTHTER (C	· /		「「「「「」		

Summary of Farm Earnings (Enterprise Statement), 1941 (A)

- 7 -

(A) 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 in page 6.

## ANALYSIS OF THE REASONS FOR DIFFERENCES IN OPERATOR'S EARNINGS

The operator's labor earnings varied widely among the farmers included in this study. The average labor earnings of those farmers ranking in the upper 20 per cent in the range according to earnings was \$5514 and of those in the lower 20 per cent was \$1227. This is a range of \$4287 between the average earnings of these two groups. Some of the causes for these differences in earnings may be beyond the control of the farmer. However, all of these farmers could make some changes in their farming operations which would increase earnings. A farmer can secure some ideas as to changes that could profitably be made on his farm by studying the facts about his business as presented in this report and comparing his accomplishments with other farmers following the same general type of farming. The more important management factors affecting earnings and their relationships with earnings are presented in the following tables.

Table 2. Rel	ation of	Crop Yields	to Farm Earn	ings
Per cent crop were of the a for all 197 f	verage	No. of farms	Average ope labor earni:	
Group	Average			
Below 85 85-114 115 and above	75 100 125	39 120 38	\$2,682 3,069 4,027	

High production per acre, up to certain limits, tends to lower the cost per bushel of grain or per ton of hay. Any possible method of management that will increase crop yields and therefore lower cost of production more than the extra expense incurred in securing the higher yields should be given consideration.

Table 3. R	elation of	Choice of	Crops to Farm	Earnings
Per cent of ti		d No.	×.	
in high return	crops*	oř	Average ope	erator's
Group	Average	farms	labor ear	rnings
Below 36.0 36.0-44/9 45.0 and above	31.1 40.2 50.7	58 73 66	\$3061 3081 3386	

\*Crops are marked on page 14 as (A), (B), (C), and (D). All of acres in (A) crops, one-half of acres in (B) crops, and one-fourth of acres in (C) crops are used in calculating per cent of tillable land in high return crops.

As a rule, on these farms, such crops as alfahfa, clover, canning crops, sugar beets, corn, barley, winter wheat, and flax bring a higher net return per acre than other crops usually grown. Additions can be made to earnings by putting as high a percentage as possible of the tillable land into these higher return crops. Table 4. Relation of Returns From Productive Livestock to Form Bornings 1.5.2.

. 1

1.12

·		1		arming a		a hand to see a second	
Index of	returns	for \$10	0 feed	No. +	Ave	rage opera	tor's
fed to p	roductive	e livest	:ock*	of	lat	or earning	S
Group	nation self	rA .	rerage	farms	5		е е едо с с с
14 1 1 1 1 14 1 1 1 1		-					
	El tallation			37	· .	\$2484	2.5-4 
	tra Sila			120		3268	
114 and	above		126	<u></u> μο;	ha ta sati	3546	

\*The index is weighted by the number of animal units of each class of livestock. The state of states of the state of t

The majority of these farms are dairy farms. However, in addition to the dairy herd there is quite an investment in other classes of productive livestock such as beef cattle, hogs, sheep or poultry. Most or all of the feed raised is fed on the farm and considerable additional feed is purchased. Feed is the major item of cost in livestock production and livestock constitute the major source of income on these farms. Hence there is a marked relationship between returns for \$100 of feed and operator's labor earnings on these farms. There are a number of reasons for differences among farms in livestock returns. High productivity per animal and economy in the use of feed and labor are important. Other factors of considerable importance are kind of feed used, quality of pastures, balance of ration, degree of sanitation, and kind of shelter and equipment. And in the second of the second sec

P	farm Earnings ductive livestock	
ur	ts per 100 acres* No. of Average ope	rator's
G	up Average labor earni	ngs
		1747 - 1 I. I.
₿ę	ow 19.0 At 16.2 at 196 50 at 150 at 1885 18875	
l	0-28.9 23.4	
29	O and above 35.3 49 3699	n na se a companya series na secondaria series de la secondaria de la
	and the second states and the second s	<u>ىسىمىڭ ئۆچۈكۈكىك</u>

an and the set of On some farms the returns from livestock are so low that they do not cover feed and other costs. Such livestock is unprofitable, especially if there is more than enough to utilize what would otherwise be waste feed. If the livestock is yielding a net return, an increased amount of livestock adds to size of business and the opportunity to increase the farm earnings. Livestock produces manure and aids in keeping up the fertility of the land, and utilizes waste products on the farm. Livestock also helps to provide productive employment throughout the year, Any method that aids in utilizing the available resources to full and efficient capacity should add to the farm income.

Table 6. Relation of Size of Business (Work units)

to Farm Earnings	·
Days of productive work No. of Average operator's	and some the second
Group Average farms labor earnings	and the second
化碱酸盐酸盐 化乙基乙烯 化过氧化化 化分子子 网络拉拉人名英格兰人姓氏格特拉住所名称来源于古英语含义是	A de la contra la
Below 500 for the 406 starting 41 sector in 1, \$1958 starting	
500–799 630 and en en 115 and an an 3055 and an an 115 and an 3055 and an	a star de la seconda de la s
4800 and above the 1020 to the 41 comparison 4740 dependence 4740 dependenc	
化乙基乙酸盐 医乙酰乙基乙酰乙基乙酰乙基乙酰乙酰乙酰乙酰乙酰乙酰乙酰乙酰乙酰乙酰乙酰乙酰乙酰乙	

Average farm earnings tend to increase with an increase in size of business. For farmers operating their farms at a loss, the larger the volume of business, the larger will be the loss, but a farmer who is making a profit could make a larger profit if he increased his size of business, providing that in so doing he does not lower materially the efficiency in some one or more important branches of his business. Those farmers who have large businesses usually have more flexibility of their organization than does the man with a small business, and can utilize more efficiently and to better advantage available labor, power, machinery and buildings.

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	Table 7.	Relation o	f Amount of V to Farm	Nork Accompl n Earnings	Lished p	er Worker
4	Work <u>pèr w</u> Group		No. of e farms		e operate earnings	or's
	Below 250 250-324 325 and ab	219 286	цо	\$2 <sup>1</sup> .3(		

More days of productive work accomplished per worker reduces the labor charge per unit of business. Higher labor accomplishment can be secured in several ways. In the first place, the business must be large enough so that there will be at least sufficient work available for the family labor. The farm should be so organized that the labor requirements are well distributed throughout the year. Handling pastures in such a way that as large a proportion as possible of the year's feed for livestock may be obtained from them helps to reduce labor requirements. Proper planning of the farm work and economical use of labor-saving machinery help to increase the work accomplished per worker.

> ાં છે. આ પ્રેસ્ટિંગ પ્રસ્તિત કરવાયાં છે. આ પ્રસ્તિત કરવાયાં છે. કે પ્રસ્તિત કરવાયાં છે. આ પ્રસ્તિત કરવાયાં છે. આ પ્રસ્તિત કરવાયાં પ્રસ્તિત કરવાયાં સમયવાયાં છે. આ પ્રસ્તિત કરવાયાં છે. આ ગામમાં આ ગામમાં આ પ્રસ્તિત પ્રસ્તિત આ આ પ્રસ્તિત કરવાયાં છે. આ ગામમાં આ ગામમાં આવ્યું છે. આ ગામમાં આ ગામમાં આ ગામમાં આ ગામમાં આવ્યું છે. આ ગામમાં આ ગ

Table 8. Relation of Power, Machinery, Equipment and Building Expense to Farm Earnings\*

Expense per work unit	*******	No. of	Average operator's	
Group	verage	farms	labor earnings	•
\$2.20 and above	\$2.68	53	\$2724	
\$1.55-\$2.19	1.82	79	3344	•
Below \$1.55	1.27	65	3344 with a second	• ;

\*Includes building, fencing, all crop machinery and livestock equipment, power, horse feed, and miscellaneous horse expense.

The expense factor does not show as high relationship with earnings when prices are high as when they are low. Some farms are under-equipped. On a few farms, excessive expenses constitute the main factor causing earnings to be very low.

Some of the cash expenses can be kept down by careful management. Often times necessary repairs and improvements can be made by using the available farm labor rather than by hiring extra help. Repairs and overhauling should be done before spring work begins insofar as possible; or on rainy days or in other spare time during the summer. Reducing the number of horses to the minimum required for efficient operation of the farm helps reduce the power expense. In some cases, farmers can offset some or all of the power and machinery expense by using their equipment for outside work.

## EFFECT OF WELL BALANCED EFFICIENCY ON FARM PROFITS

It is quite evident from this report that few farmers have a monopoly on efficiency. Quite often farm operators show efficient management in one part of the farm business, which is offset by poor results in other phases. These farmers get medium returns while those who fall down all along the line get the lowest returns, and on the other hand those few who can manage to attain high efficiency in all parts of their organization receive returns well above average. This is well illustrated in Table 9.

No. of		s ar see the set	The second s	Average
factors in which farm excels	No. of farms	Your Jarm	The length of the shaded lines are in proportion to the average operator's labor earnings	operator's labor earnings
None	.5		XXXXX	\$ 823
Ône	18		XXXXXXXXXXX	
Two	30		XXXXXXXXXXXXXX	2167
Three	<u>44</u> -		XXXXXXXXXXXXXXXXXX	,3143
Four		and the second	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	3259
Five	31		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	4176
Six or seven	14	x	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	xxx. 5524
•				1 8 1 B 38 1

Table 9. Relation of Operator's Labor Earnings to the Number of Factors in which the Farmer is Above Average

The array in Table 9 indicates that it will be worth while for each cooperator to study carefully his ranking on pages 12 and 13, and learn his standing in respect to each of the above factors and the elements of strength and weakness in his farm business.

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			a den aragen y constantes y	
	· ·	, <sup>4</sup>	an an an an Harabaran Apar	
	ан. 1		na n	an the area and an area and an area and an area and an area and area and area and area and area and area and a Marca and area and ar Area and area
•	•			ante di la confitte des constructions des la cons La politica de la construction de la construction contractivo de constructions
۰.	₩.			<ul> <li>A second composition of the second states of the second states of the second states of the second second states of the second sec</li></ul>

Measures used			Your farm	Average of 197 farms	39 most profit- able farms	39 least profit- able farms
Operator's Lab	or Earnings	\$_	a toman representation and an	\$3,177	\$5,514	\$1,227
(1) Crop yield	s*		د المراجع مع المراجع الم	100	104	93
(2) % of tilla	ble land in high re	turn crops**_		41.0	41.2	41.3
(3) Ret.for \$1	00 feed to prod.liv	estock***		100	106	95
(4) Prod. live	stock units per 100	acres****	t in t	24.6	26.3	22.6
(5) Size of bu	siness - work units	. <b>.</b>	و ، د ۲۰۰ ۲۰۰۰ کی کرد. مربق میں	664	898	526
(6) Work units	per worker	- 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14	n an	301	341	264
(7) Pow., mach.	,equip.,& bldg.exp.	per work unit \$_		\$1.87	\$1.72	\$2.21
	eturn for \$100 feed	from -	м <sup>1</sup> 1 - <sup>1</sup> 1 - 1			- 1
Dairy ca Dual pur Beef bre Feeder c Hogs Native s	ttle pose cattle eding herd attle heep	from		100 100 100 100 100 100 100	107 105 115 97 107 92 128	94 110 72 74 94 95
Dairy ca Dual pur Beef bre Feeder c Hogs	ttle pose cattle eding herd attle heep	from		100 100 100 100	105 115 97 107	110 72 74 94
Dairy ca Dual pur Beef bre Feeder c Hogs Native s Feeder s Turkeys Chickens (5) Work units	ttle pose cattle eding herd attle heep heep on crops on productive live			100 100 100 100 100 100 100	105 115 97 107 92 128 113	110 72 74 94 95 76
Dairy ca Dual pur Beef bre Feeder c Hogs Native s Feeder s Turkeys Chickens (5) Work units Work units Other work (6) Total numb Number o	ttle pose cattle eding herd attle heep heep on crops on productive live units			100 100 100 100 100 100 100 100	105 115 97 107 92 128 113 101 254 590	110 72 74 94 95 - 76 89 136 377 13

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\* Given as a percentage of the average. \*\* Crops are marked on page 14 as (A), (B), (C), and (D). All of acres in (A) crops, one-half of acres in (B) crops, and one-fourth of acres in (C) crops are used in calculating per cent of tillable land in high return crops. \*\*\* An index weighted by the animal units of livestock.

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

## Thermometer Chart

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Using your figures from page 12 locate your standing with respect to the various measures of farm organization and management efficiency. The averages for the 197 farms included in this summary are located between the dotted lines across the center of this page.

			ینی میں میں میں میں میں میں میں میں میں می		1		د. • ب •
Oper.			Return	Pr. 1	• S •	Work	Pow., mach.,
labor		High	from pro-	units		units	eq., & bldg.
earn-	Crop	return	ductive	per	'Work	per	exp. per
<u>ings</u>	yields	s crops	livestock	100 A	<u>unit</u>	s worker	work units
\$6400	140	61.0	140	40.5	1140 =	460	\$.70
6000	135	58.5	135	38.5	1080	440	•85
5600	130	56.0	130	36.5	1020	~~~420 E	1.00
5200	125	53.5	125	34.5	960	400	
4800	120	51.0	120	32.5	900	380	1.30
4400	115 =	48.5	115 <u>–</u>	30.5	840	360	1.45
4000		46.0	110	28.5	780	340	1.60
3600	105	43.5	105	26.5	720	320	1.75
3200 -	100	41.0	100	24.5	660	300	1:87 =-
2800	95	38.5	95	22.5	600	280	2.05
2400	90	36.0	90	20.5	540	260	2.20
2000 -	85	33.5	85	18.5	480	240 -	2.35
1600	80	31.0	80 -	16.5	420	220	2.50
1200	75	28.5	75	14.5	360	200 -	2.65
800 -	70	26.0	70	12.5	300	180	2.80
400 -	65	23.5	65	10.5	240	160	2.95
	)	E	F	E			

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Distribution	of Acres	in Farm.	1941

$\frac{\text{Distribution}}{(1 - 1)^{2}}$				70	70 3
Crop: (A) (B) (C) and (D) refer	No.	Your	Average	39 most	39 least
to ranking used in calculating $\%$ of tillable land in High	growing	farm	of 197	profit-	profit-
	this		farms		able
Return Crops (see page 12)	crop	* ####################################		farms	farms
Canning peas (A)	10	· .	1 0	0.7	·
	19 Ø1		1.2	2.3	• 7
	81		5.9	9.5	5.0
Barley (B)	113	÷	12.9	11.0	8.1
Winter wheat (B)	56		3.7	3.8	2.5
Spring wheat (C)	38		1.4	1.8	1.6
Oats and barley (C)	86		13.0	21.6	6.6
Oats and wheat (C)	41		3.3	4.2	3.0
Oats (D)	141	ر مارور میروند میروند. دورور میروند	19.3	22.9	19.0
Rye (D)	. : 12	·····	•7	1.8	•9
Soybeans for grain (D)	7474		2.5.	5.1	1.0
Miscellaneous (D)	, 17		.6	1.7	4
Total small grain and peas		· · ·	64.5	85.7	48.8
Sugar beets, hybrid seed corn,		· · · · · · · · · · · · · · · · · · ·			10.0
potatoes and truck crops (A)	106		2.2	4.6	2.2
Sweet corn (B)	24		1.8	2.0	1.2
Corn grain (B)	195		30.5	43.7	21.3
Corn silage (C)	161		8.2	9.4	7.0
Corn fodder (D)			•5	•5	.4
Total cultivated crops			43,.2	60.2	32.1
Alfalfa hay (A)	184		18.9	24.4	16.7
Red clover hay (B)	49		4.4	2.7	3.6
Soybean hay (C)	51	·	2.1	2.6	2.8
Mixed legumes & non-legumes (C)	52		3.8	4.8	3.1
Legumes for seed (C)	.4		•4	0	0
Timothy and/or brome (D)	39		1.8	2.9	•8
Timothy seed (D)	.5		•2	•2	0
Other annual hay (D)	19		•8	1.7	.6
Total tillable land in hay			32.4	39.3	27.6
Alfalfa pasture (A)	45	an a	1.6	3.3	1.3
Sweet clover pasture (B)			2.9	3.3	3.2
Mixture inc.lalf., sw.clov., brome(B)	42		3.3	5.4	1.7
Other legumes and mixtures (C)	55		5.5	5.6	1.8
Sudan grass or rape pasture (C)	67		2.4	3.0	3.0
Other tillable pasture (D)	85		5.9	6.3	4.0
Total tillable land in pasture			21.6	26.9	15.0
Tillable land not cropped (D)	64		3.5	: 1.9	4.6
Total tillable land			165.2	214.0	128.1
Phalaris hay (non-tillable)	20			ø	
Wild hay (non-tillable)	71		4.6	.8	•7
Non-tillable pasture	165			7.6	
Timber (not pasture)			30.4	34.0	41.6
	88		9.7	6.8	12.2
Roads and waste		4. <b>7 - 50 - 50 - 50 - 50 - 50 - 50 - 50 - 5</b>	9.7	10.7	10.1
Farmstead	et e tea de la		6.8	8.9	5.6
Total acres in farm		4	227.3	282.8	202.5
% land tillable			73.9	77.2	67.6
% tillable land in high return crop	s		41.0	41.2	41.3
			·	, <b></b>	·-•J

Crop	Yields	per Acre,	1941	1. T <u>1</u>	· · · · · · · · · · · · · · · · · · ·
	· •	Your farm	Average 197	39 most profitable	39 least profitable
Crop		T CI T 111	farms	farms	farms
на и при страни и Вени и при на					
Canning peas, value above se	ed cost	\$	\$27.69	\$25.14	\$19.78
Flax, bu.			10.7	10.6	9.1
Barley, bu.			29.0	32.6	24.8
Winter wheat, bu.	•		10.7	10.5	10.5
Spring wheat, bu.			12.9	13.9	10.0
Oats and barley, bu.		i.	33.8	36.2	32.3
Oats and wheat, bu.		14-15-14-14-14-14-14-14-14-14-14-14-14-14-14-	26.9	22.6	29.3
Oats. bu.		······································	31.5	33.8	28.2
Rye, bu.			14.7	17.1	11.4
Soybeans for grain, bu.		an a	13.8	13.2	15.7
Sweet corn, tons	12 1 1	en e	2.8	2.3	2.6
Corn, grain, bu.			57.6	57.6	56.7
Corn and cane silage, tons			9.9	12.0	8.8
Corn and cane fodder, tons			3.2	2.7	2.6
		-	<i>J</i>	1	
					• •
Alfalfa hay, tons			2.6	2.7	2.5
Red clover hay, tons			2.2	2.0	2.2
Soybean hay, tons			1.5	1.5	1.6
Mixed legume & non-legume ha	y, tons		1.7	1.9	1.6
Legumes for seed, los.			55.2		
Timothy and/or brome hay, to	ns		1.3	1.1	1.3
Timothy seed, 1bs.			187.3	225.0	~ .
Other annual hay, tons			1.3	1.1	.7
Phalaris hay on non-tillable	land, t	ons	1.7	1.7	1.7
Wild hay, tons		· ·	1.0.	•9	• 7
	a ser a s		Sector Sec	· · ·	

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Factors of Cost and Returns Your farm	· Average	34 farms highest in butterfat per cow	34 farms lowest in butterfat per cow
Pounds of butterfat per cow	261	334	185
Feeds per cow, lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein	768 1247 67 105	937 1538 132 193	573 969 19 47
Legume hay Other hay Fodder and stover		3955 193 104	3042 448 537
Total concentrates Total dry roughage Silage	2187 4361 5974	2800 4252 6416	1608 4027 5636
Total digestible nutrients* T.D.N. per lb. B. F. % T.D.N. that is protein	4824 19.0 14.4	5355 16.2 15.5	4122 22.9 13.6
Feed cost per cow: Concentrates \$ Roughages \$ Pasture \$ TOTAL FEED COSTS \$	\$21.19 22.58 <u>5.33</u> \$49.10	\$27.96 23.71 <u>5.17</u> \$56.84	\$15.03 19.66 <u>5.50</u> \$40.19
Value of produce per cow: B. F. sales \$ Dairy produce used in house Milk to livestock \$ Net increases in value of cows \$ TOTAL VALUE PRODUCED	\$99.28 4.83 13.61 <u>3.03</u> \$120.75	\$128.77 4.95 16.96 <u>3.72</u> \$154.40	\$66.19 4.80 11.07 <u>45</u> \$82.51
RETURNS ABOVE FEED COST PER COW \$	\$71.65	\$97.56	\$42.32
RETURNS FOR \$100 OF FEED \$	\$251	\$281	\$215
Price received per 1b. B. F. sold As manufacturing cream (cents) As mkt. mk.&cm.&mk.forcheese(cts.)		38.9 52.0	38.6 .56.8
Feed cost per 1b. B. F. (cents)	19.2	17.1	22.1
% fall freshening	57.2	63.9	42.7
Number of cows**	18.2	17.6	18.1

Factors of Cost and Returns From Dairy Cows, 1941

\* Not including nutrients received from pasture.

\*\* 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.

Your         Avorage         34 farms         31 farms           farm         of 165         highest in lowest in butterfat         lowest in butterfat           Teens         por cow         por cow         por cow           Eeg and folder         1776         1815         1705           Silage         1776         1815         1705           Whole milk         2132         2132         2056           Skimmilk         1229         1613         1166           Pseed cost per head:         0         5.51         9.00         7.64           Mulk         1229         1613         1166         192           Pasture         1.67         1.63         1.92           TOTAL WEED COSTS         \$         35.54         \$20.03           Net inc. in value of other dairy cattle         \$35.54         \$44.53         \$12.32         \$17.61         \$9.20           RETURNS FOR \$100 OP FEED         \$         \$166         \$139         \$153           Humber of head of other dairy cattle         18.0         17.6         15.4           Teens         1744         2215         1312           May and folder         \$19.51         \$14 farms         \$14 farms			ILU TIGUULII	10 T.T	Oll Oll	er Dairy Ca	10010, 1941	
Concentrates       474       601       384         Hay and fodder       1776       1815       1705         Silage       1232       2132       2152       2056         Whole milk       381       433       304         Skimmilk       1229       1613       1166         Feed cost per head:       Concentrates       \$.51       9.00       7.64         Mulk       8.51       10.08       5.93       \$.53.1       1.92         Pasture       1.87       1.63       1.92       \$.21.22       \$\$26.60       \$\$20.03         Net inc. in value of other dairy cattle       \$\$35.54       \$\$44.21       \$\$29.83       \$\$2.32       \$\$17.61       \$\$9.80         RETURNS FOR \$100 OF FEED       \$       \$\$166       \$\$189       \$\$158         Number of head of other dairy cattle       15.0       17.6       15.4         Feed Costs and Returns From All Dairy Cattle         Total FEED COSTS         #arms       \$\$166       \$\$189       \$\$158         Number of head of other dairy cattle       15.0       17.6       15.4         Teede per animal unit. lbs.:       Concentrates       \$\$1474       2215       1312	Items					of 163	highest in butterfat	lowest in butterfat
Concentrates       \$ 	Concentrates Hay and fodder Silage Whole milk	S.:				1776 2132 381	1815 2182 438	1705 2056 304
RETURNS ABOVE FEED COST PER HEAD       \$	Concentrates Roughages Milk Pasture			\$		8.51 8.31 1.87	9.00 10.08 1.63	7.64 6.93 <u>1.92</u>
RETURNS FOR \$100 OF FEED       \$\$166       \$189       \$158         Number of head of other dairy cattle       18.0       17.6       18.4         Feed Costs and Returns From All Dairy Cattle         Your Average 34 farms 34 farms of 168 highest in lowest in butterfat per cow per cow         Feed Costs and Returns From All Dairy Cattle         Your Average 34 farms 34 farms of 168 highest in lowest in butterfat per cow         Items       farms       5125       1312         Your Average 200 per cow         Feed costs per animal unit. lbs.:       1744       2215       1312         Concentrates       1744       2215       1312         Hay and Todder       \$19.51       \$35.15       \$12.25         Soughages       22.33       31.41       18.15         Pasture       5.23       6.85       4.93         TOTAL FEED COSTS       \$\$	Net inc. in value	of other	dairycatt	:le		\$35.54	\$44.21	\$29.83
Number of head of other dairy cattle18.017.618.4Feed Costs and Returns From All Dairy CattleYourAverage farm $3^{14}$ farms of 168 farms $3^{14}$ farms butterfat $3^{14}$ farms butterfatItemsYour farmsAverage of 168 farms $3^{14}$ farms butterfat $3^{14}$ farms butterfatItemsYour farmsAverage of 168 farms $3^{14}$ farms butterfat $3^{14}$ farms butterfatItemsYour farmsAverage of 168 farms $3^{14}$ farms butterfat $3^{14}$ farms butterfatItemsFeeds per animal unit. Concentrates $17^{14}$ 4 $2215$ 4005 2259 $1312$ 4005 5085Feed cost per animal unit: Concentrates $17^{14}$ 4 2215 $2215$ 4005 5295 $3850$ 5085Feed cost per animal unit: Dairy products $5_{223}$ 497 52.74 $6.85$ 493 47.12 $4_{12}$ .13 493.41Value of produce per animal unit: Dairy products $5_{223}$ 5117.80 $522.7^{14}$ 417.13 $552.7^{14}$ 455.33Value of produce per animal unit: Dairy products $5_{223}$ 5117.80 $522.7^{14}$ 522.74 $76.16$ 5117.80Returns Above Feed Per Animal UNIT $5_{223}$ 5237 $$202$ $$223.29$ $$202$ $$202$	RETURNS ABOVE FEED	COST PER	HEAD	\$		\$12.32	\$17.61	\$ 9.80
Feed Costs and Returns From All Dairy CattleYourAverage farm34 farms34 farmsItemsfarmof 168 farmshighest in butterfatlowest in butterfatFeeds per animal unit. lbs.: Concentrates Hay and fodder1744 404522151312 4005Silage1744 404522151312 4005Feed cost per animal unit: Concentrates Roughages1744 404522151312 4005Feed cost per animal unit: Concentrates Roughages\$19.51 5235\$35.15 5630\$12.25 5630Feed cost per animal unit: Concentrates Roughages\$19.51 5.23\$35.15 6.85\$12.25 4.93Yalue of produce per animal unit: Dairy products\$ \$117.80\$22.36 \$223.29\$69.80RETURNS ABOVE FEED FER ANIMAL UNIT RETURNS PER \$100 OF FEED\$ \$ \$ \$\$237 \$270\$202	RETURNS FOR \$100 O	F FEED	ha an tha	\$	an an th	\$166	\$189	\$158
Your farmAverage of 168 farms34 farms highest in butterfat per cowItemsfarmsof 168 farmshighest in butterfat per cowFeeds per animal unit.lbs.:1744 404522151312 4005Concentrates Hay and fodder Silage1744 404522151312 4005Feed cost per animal unit: Concentrates Roughages Pasture TOTAL FEED COSTS\$19.51 \$12.25\$35.15\$12.25 \$12.25Value of produce per animal unit: Dairy products TOTAL VALUE PRODUCED\$\$\$5.64 \$117.80\$147.13 \$223.29\$52.74 \$69.80Ret urnes above feed per Animal unit: Dairy products\$\$\$237 \$117.80\$223.29 \$69.80\$\$34.47RETURNS ABOVE FEED PER ANIMAL UNIT RETURNS PER \$100 OF FEED\$\$\$237 \$227\$270 \$227\$202	Number of head of	other dai	ry cattle			18.0	17.6	18.4
Your farmAverage of 168 farms34 farms highest in butterfat per cowItemsfarmsof 168 farmshighest in butterfat per cowFeeds per animal unit. lbs.: Concentrates Hay and fodder Silage1744 40452215 4005 38501312 3850Feed cost per animal unit: Concentrates Roughages Pasture TOTAL FEED COSTS17944 40452215 4005 38501312 3850Value of produce per animal unit: Dairy products TOTAL VALUE PRODUCED\$\$\$25.64 \$117.80\$147.13 \$223.29\$52.74 \$69.80Value of produce per animal unit: Dairy products TOTAL VALUE PRODUCED\$\$\$70.68 \$117.80\$149.88 \$223.29\$34.47RETURNS ABOVE FEED PER ANIMAL UNIT RETURNS PER \$100 OF FEED\$\$\$237 \$227\$270 \$227\$202	T A A A A A A A A A A A A A A A A A A A	eed Costs	and Retu	rns	From A	11 Deirv Ce	ttle	
Feeds per animal unit. lbs.:       17 <sup>44</sup> 2215       1312         Concentrates       4045       4005       3850         Silage.       5295       5630       5085         Feed cost per animal unit:       5295       5630       5085         Concentrates       \$19.51       \$35.15       \$12.25         Roughages       22.38       31.41       18.15         Pasture       5.23       6.85       4.93         TOTAL FEED COSTS       \$					Your	Average of 168	34 farms highest in butterfat	lowest in butterfat
Concentrates       \$\$19.51       \$35.15       \$12.25         Roughages       22.38       31.41       18.15         Pasture       5.23       6.85       4.93         TOTAL FEED COSTS       \$\$47.12       \$73.41       \$35.33         Value of produce per animal unit:       \$\$47.12       \$73.41       \$35.33         Value of produce per animal unit:       \$\$21.6       \$147.13       \$52.74         Dairy products       \$\$21.6       \$147.13       \$52.74         Net increase in value of dairy cattle       32.16       76.16       17.06         TOTAL VALUE PRODUCED       \$\$117.80       \$223.29       \$69.80         RETURNS ABOVE FEED PER ANIMAL UNIT       \$\$227.20       \$202         RETURNS PER \$100 OF FEED       \$\$237       \$270       \$202	Concentrates Hay and fodder	nit. lbs.	•	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			······································	
Dairy products       \$\$       \$85.64       \$147.13       \$52.74         Net increase in value of dairy cattle       32.16       76.16       17.06         TOTAL VALUE PRODUCED       \$\$       \$117.80       \$223.29       \$69.80         RETURNS ABOVE FEED PER ANIMAL UNIT       \$\$       \$70.68       \$149.88       \$34.47         RETURNS PER \$100 OF FEED       \$\$       \$237       \$270       \$202				<del></del>		4045	4005	3850
RETURNS PER \$100 OF FEED \$ \$237 \$270 \$202	Concentrates Roughages Pasture	• •		\$		4045 5295 \$19.51	4005 5630 \$35.15 31.41	3850 5085 \$12.25 18.15
	Concentrates Roughages Pasture TOTAL FEED CO Value of produce p Dairy products Net increase in	OSTS er animal value of	11 <b>1</b> 21	\$ \$ \$ \$ \$		4045 5295 \$19.51 22.38 5.23 \$47.12 \$85.64 32.16	4005 5630 \$35.15 31.41 <u>6.85</u> \$73.41 \$147.13 <u>76.16</u>	3850 5085 18.15 <u>4.93</u> \$35.33 \$52.74 <u>17.06</u>
Animal units of dairy cattle 27.4 26.9 27.0	Concentrates Roughages Pasture TOTAL FEED Co Value of produce p Dairy products Net increase in TOTAL VALUE 1	OSTS er animal value of PRODUCED	dairy cat	\$\$ \$\$ \$\$ \$\$		4045 5295 \$19.51 22.38 <u>5.23</u> \$47.12 \$85.64 <u>32.16</u> \$117.80	4005 5630 35.15 31.41 6.85 73.41 \$147.13 76.16 \$223.29	3850 5085 \$12.25 18.15 <u>4.93</u> \$35.33 \$52.74 <u>17.06</u> \$69.80
	Concentrates Roughages Pasture TOTAL FEED CO Value of produce p Dairy products Net increase in TOTAL VALUE T RETURNS ABOVE FEED	OSTS er animal value of PRODUCED PER ANIM	dairy cat	\$\$ \$\$ \$\$ \$\$ \$\$		4045 5295 \$19.51 22.38 5.23 \$47.12 \$85.64 32.16 \$117.80 \$70.68	4005 5630 \$35.15 31.41 <u>6.85</u> \$73.41 \$147.13 <u>76.16</u> \$223.29 \$149.88	3850 5085 \$12.25 18.15 <u>4.93</u> \$35.33 \$52.74 <u>17.06</u> \$69.80 \$34.47

Feed Costs and Returns From Other Dairy Cattle, 194

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\*Several farmers having both a dairy and a beef herd used a beef bull and included all the young stock in the beef herd.

Items		Your farm	n Dual Purpo Average of 24 farms	8 farms highest in butterfat per cow	8 farms
Pounds of butterfat per cow			203	247	157
Feeds per cow, 1bs.:	n an	· · · · ·		663	)101
Corn Small grain	an an taon An taona 1990 - An taona An taona 1990 - An taona 1990 -		- 667 - 936	661 1194	491 732
Com. feeds - under 25% p	rotein		- 24	42	2
Com. feeds - over 25% pr	otein		58	22	179 A
Legume hay	4. L. 11		3148	3134	3340
Other hay			318	131	246
Fodder and stover	and the second s		344	562	246
Total concentrates	e 1 - Angele 1 - Angele Harrison, and an 1 - Angele Harrison, and an	المراجع مي المراجع ال ا	1685	1919	1304
Total dry roughage	1994 - 1994 -		3810	3827	3832
Silage			4179	3938	4515
Total digestible nutrients*		1		4014	3687
T.D.N. per 1b. B. F.		**************************************	19.9	16.3	23.9
% T.D.N. that is protein		an an an an an a'	14.2	13.9	15.0
Feed cost per cow:	•	and the second	n ging geboor ing Alamang ng hita antarit ang		and the second
Concentrates	<ul> <li>production de la construcción de la co</li></ul>	\$	\$15.72	\$17.64	\$13.06
Roughages			- 18.29	17.62	19.27
Pasture TOTAL FEED COSTS	And any first second second Second second second Second second second Second second second Second second secon	\$	<u> </u>	<u> </u>	<u> </u>
				-	- · · ·
Value of produce per cow: B. F. sales		\$	\$68.82	\$81.93	\$53.62
Dairy produce used in ho	use	*	5.65		3.78
Milk to livestock		· · · · · · · · · · · · · · · · · · ·	14.75	20.35	10.34
Net increases in value o:	f cows		2.29	93	2.64
TOTAL VALUE PRODUCED		\$	\$91.51	\$108.55	\$70.38
RETURNS ABOVE FEED COST PER	COW	\$	52.01	67.99	32.71
RETURNS FOR \$100 OF FEED		\$ ************************************	\$237	\$267	\$199
				n sa kana ka ka Si sa na	
Price received per 1b. B. F As manufacturing cream (			Z.Ø	7	30.2
As mkt. mk.&cm.&mk.for		s <u>.)</u>	55,0	55.0	27.6
Feed cost per 1b. B. F. (cer	nts)	ti i i i i i i i i i i i i i i i i i i	20.1	55.0 16.5	24.3
		19 - <sup>1</sup>			
% fall freshening		<del>مېرىكى يې د مېرىكى .</del> «مېرىكى يې يې د		65.4	
Number of cows		***	15.6	14.3	16.2
*Not including nutrients re-	ceived fro	m pastur	Э.		
					-1 · · ·

• • .

Feed Costs and	Returns	From O	ther Dual	Purpose Ca	attle, 1941	
	······································		Your	Average	8 Farms	8 Farms
			farm	of 24	highest in	lowest in
n na sana a sa	·· · · ·	ante a conserva a	A sea and a sea a	farms	returns	returns
Items					. above feed	above feed
				4. 4. 4		
Feeds per head, 1bs.:		5 e			_	· · ·
Concentrates	· · · · ·	· · · · · ·		635	638	730
Hay and fodder				1334	1443	1383
Silage				1507	1068	1668
Whole milk				242	156	- 224
Skimmilk	· •	·	·	1310	1348	1417
				2		and the second
Feed cost per head:				÷	the states of th	: .• ·· .
Concentrates			š. \$	\$5.95	\$5.91	\$7.01
Roughages	•			6.17	6.07	6.86
Milk				6.73	5.18	6.88
Pasture		and the second second	· · · · · · · · · · · · · · · · · · ·	1.88	2.10	1.72
TOTAL FEED COSTS	;	a Maria di A	\$	\$20.73	\$19.26	\$22,47
TOTAN TEPP COOLD		المراجع معراف	· •	φ20.19	ΨΤΫ•ϹΟ	ψωμ 6 + 1
Net increase in value				\$32.59	\$41.93	\$22.95
RETURNS ABOVE FEED COS	T PER HE	IAD	\$	\$11.86	\$22,67	\$.48
RETURNS FOR \$100 OF FE	led	ere e spec	\$	\$164	\$228	\$103
						5 a
Ni		4 44 M - 5 L		י לח	nd d	<u></u>
Number of head				23.1	18.8	21.3
Number of head			Parameter a statementer	23.1	18.8	21.3
	and Ret	urns Fr	om A11 Du:			21.3
	and Ret	urns Fr	Your	al Purpose Average	Cattle 8 Farms	8 Farms
	and Ret	urns Fr		al Purpose Average of 2 <sup>1</sup> 4	Cattle 8 Farms highest in	8 Farms lowest in
	and Ret	urns Fr	Your	al Purpose Average	Cattle 8 Farms	8 Farms
	and Ret	urns Fr	Your	al Purpose Average of 2 <sup>1</sup> 4	Cattle 8 Farms highest in	8 Farms lowest in returns
Feed Costs	and Ret	urns Fr	Your	al Purpose Average of 2 <sup>1</sup> 4	Cattle 8 Farms highest in returns	8 Farms lowest in returns
Feed Costs		urns Fr	Your	al Purpose Average of 2 <sup>1</sup> 4	Cattle 8 Farms highest in returns	8 Farms lowest in returns
Feed Costs Items Feeds per animal unit,		urns Fr	Your	al Purpose Average of 2 <sup>1</sup> farms	Cattle 8 Farms highest in returns above feed	8 Farms lowest in returns above feed
Feed Costs Items Feeds per animal unit, Concentrates		urns Fr	Your	al Purpose Average of 2 <sup>1</sup> farms 1 <sup>1</sup> 476	Cattle 8 Farms highest in returns above feed 1452	8 Farms lowest in returns above feed
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder		urns Fr	Your	al Purpose Average of 2 <sup>1</sup> farms 1 <sup>1</sup> 476 3270	Cattle 8 Farms highest in returns above feed 1452 3374	8 Farms lowest in returns above feed 1407 3477
Feed Costs Items Feeds per animal unit, Concentrates		urns Fr	Your	al Purpose Average of 2 <sup>1</sup> farms 1 <sup>1</sup> 476	Cattle 8 Farms highest in returns above feed 1452	8 Farms lowest in returns above feed
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder	10s.:	urns Fr	Your	al Purpose Average of 2 <sup>1</sup> farms 1 <sup>1</sup> 476 3270	Cattle 8 Farms highest in returns above feed 1452 3374	8 Farms lowest in returns above feed 1407 3477
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage	10s.:	urns Fr	Your	al Purpose Average of 24 farms 1476 3270 3646	Cattle 8 Farms highest in returns above feed 1452 3374 3040	8 Farms lowest in returns above feed 1407 3477 5266
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates	10s.:	urns Fr	Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages	10s.:	urns Fr	Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture	lbs.: mit:	urns Fr	Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages	lbs.: mit:	urns Fr	Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a	lbs.: nit: nimal un		Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a	lbs.: mit:		Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 <u>4.59</u> \$32.09	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products	lbs.: nit: nimal un		Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 <u>4.59</u> \$32.09	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val	lbs.: nit: mimal un		Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 <u>4.59</u> \$32.09	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val TOTAL VALUE PROD	lbs.: nit: nimal un uced	1	Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 \$49.32 23.86 \$73.18	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59 \$32.09 \$55.64 32.54 \$85.18	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 18.58 \$60.89
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val	lbs.: nit: nimal un uced	1	Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 <u>4.59</u> \$32.09	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val TOTAL VALUE PROD RETURNS ABOVE FEED PER	lbs.: nit: nimal un uced ANIMAL	1	Your farm \$_ \$	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 \$49.32 23.86 \$73.18 \$39.17	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59 \$32.09 \$55.64 32.54 \$88.18 \$56.09	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 18.58 \$60.89 \$23.74
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val TOTAL VALUE PROD	lbs.: nit: nimal un uced ANIMAL	1	Your	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 \$49.32 23.86 \$73.18 \$39.17	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59 \$32.09 \$55.64 32.54 \$88.18 \$56.09	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 18.58 \$60.89 \$23.74
Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val TOTAL VALUE PROD RETURNS ABOVE FEED PER	lbs.: nit: nimal un uced ANIMAL	1	Your farm \$_ \$	al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 \$49.32 23.86 \$73.18 \$39.17	Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59 \$32.09 \$55.64 32.54 \$55.64 32.54 \$56.09 \$278	8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 18.58 \$60.89 \$23.74

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Your farm Items	eef Cattle Average of all farms	Farms highest in returns above feed	returns
Beef breeding herd: no. of farms:	18.	9	. g
Feeds per animal unit, lbs.:			
Concentrates	1138	1387	889
Legume hay	1646	1317	1975
Other hay	860	339	1381
Fodder and stover	398	479	316
Silage	2812	3073	2551
Skimmilk*	86	87	85
Wholemilk*	45	49	41
Feed cost per animal unit:	¢10 57	¢10.70	¢a 70
Concentrates \$\$	\$10.57	\$12.38	\$8.76 14.02
Milk*	11.97 .97	9 • 93 • 95	•98
Pasture	6.43	5.70 ····	• 90
TOTAL FEED COSTS	\$29.94	\$28.96	\$30.91
Value of produce per animal unit:	<i>+~</i>	440.00	÷ (
Dairy products \$	\$ 1.61	\$ 2.40	\$ .81
Net increase in value of animals	46.89	65.02	28.76
TOTAL VALUE PRODUCED \$	\$48.50	\$67.42	\$29.57
RETURNS ABOVE FEED COST PER ANIMAL UNIT \$	\$18.56	\$38.46	-1.34
RETURNS FOR \$100 OF FEED \$	\$179	\$241	\$96
Number of cows and herd bulls	13.0	9.3	16.7
Number of Animal Units in the Herd	27.7	26.2	29.1
Number of Animal Units in the Herd	27.7		29.1
			29.1
Feeder cattle: no. of farms:	33	26.2 11	11
		26.2 11 464	11 78 <sup>1</sup>
Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain	33 632 132	26.2 11 464 126	11 784 167
Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn	33 632 132 11	26.2 11 464 126 3	11 784 167 27
Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain	33 632 132 11 24	26.2 11 464 126 3 20	11 784 167 27 31
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay	33 632 132 11 24 214	26.2 11 464 126 3 20 177	11 784 167 27 31 249
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay	33 632 132 11 24 214 214 81	26.2 11 464 126 3 20 177 89	11 784 167 27 31 249 81
Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay	33 632 132 11 24 214	26.2 11 464 126 3 20 177	11 784 167 27 31 249 81
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover	33 632 132 11 24 214 81 37	26.2 11 464 126 3 20 177 89 20	11 784 167 27 31 249 81 82
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates	33 632 132 11 24 214 81 37 799	26.2 11 464 126 3 20 177 89 20 613	11 784 167 27 31 249 81 82 1009
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages	33 632 132 11 24 214 81 37 799	26.2 11 464 126 3 20 177 89 20	11 784 167 27 31 249 81 82 1009 412
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage	33 632 132 11 24 214 81 37 799 332	26.2 11 464 126 3 20 177 89 20 613 286	11 784 167 27 31 249 81 82 1009 412
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages	33 632 132 11 24 214 81 37 799 332 514 \$7.32	26.2 11 464 126 3 20 177 &9 20 613 286 500 \$5.67	11 784 167 27 31 249 81 82 1009 412 576 \$9.31
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage         Feed cost per cwt. beef produced:         Concentrates	33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61	26.2 11 464 126 3 20 177 &9 20 613 286 500 \$5.67 1.48	11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage         Feed cost per cwt. beef produced:         Concentrates         Roughages         Pasture	33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61	26.2 11 464 126 3 20 177 &9 20 613 286 500 \$5.67 1.48	11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage         Feed cost per cwt. beef produced:         Concentrates         Roughages	33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61	26.2 11 464 126 3 20 177 &9 20 613 286 500 \$5.67	11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage         Feed cost per cwt. beef produced:         Concentrates         Roughages         Pasture	33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61	26.2 11 464 126 3 20 177 89 20 613 286 500 \$5.67 1.48 .16 \$7.31	11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage         Feed cost per cwt. beef produced:         Concentrates         Roughages         Pasture         TOTAL FEED COSTS         %	33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07	26.2 11 464 126 3 20 177 \$9 20 613 286 500 \$5.67 1.48 .16 \$7.31 \$15.42	11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage         Feed cost per cwt. beef produced:         Concentrates         Roughages         Pasture         TOTAL FEED COSTS         %         Net increase in value of feeders         %         RETURNS ABOVE FEED COST PER CWT. BEEF PRODUCED	33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 \$3.98	26.2 11 464 126 3 20 177 &9 20 613 286 500 \$5.67 1.48 <u>.16</u> \$7.31 \$15.42 \$8.11	11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 \$69
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage         Feed cost per cwt. beef produced:         Concentrates         Roughages         Pasture         TOTAL FEED COSTS         %	33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 \$3.98 \$157	26.2 11 464 126 3 20 177 \$9 20 613 286 500 \$5.67 1.48 .16 \$7.31 \$15.42 \$8.11 \$217	11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 \$69 \$97
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage         Feed cost per cwt. beef produced:         Concentrates         Roughages         Pasture         TOTAL FEED COSTS         Ret increase in value of feeders         \$         RetURNS ABOVE FEED COST PER CWT. BEEF PRODUCED         RETURNS FOR \$100 OF FEED         \$         Price received per cwt. beef sold in 1941 \$	33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 \$3.98 \$157 \$9.72	26.2 11 464 126 3 20 177 \$9 20 613 286 500 \$5.67 1.48 <u>.16</u> \$7.31 \$15.42 \$8.11 \$217 \$9.29	11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 \$69 \$9.77
Feeder cattle!       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage         Feed cost per cwt. beef produced:         Concentrates         Roughages         Pasture         TOTAL FEED COSTS         %         Net increase in value of feeders         %         RETURNS ABOVE FEED COST PER CWT. BEEF PRODUCED         RETURNS FOR \$100 OF FEED	33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 \$3.98 \$157 \$9.72 \$9.80	26.2 11 464 126 3 20 177 \$9 20 613 286 500 \$5.67 1.48 .16 \$7.31 \$15.42 \$8.11 \$217 \$9.29 \$8.64	11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 \$69 \$97 \$9.77 \$11.01
Feeder cattle:       no. of farms:         Feeds per cwt. beef produced. lbs.:         Corn         Small grain         Com. feeds - under 25% protein         Com. feeds - over 25% protein         Legume hay         Other hay         Fodder and stover         Total concentrates         Total dry roughages         Silage         Feed cost per cwt. beef produced:         Concentrates         Roughages         Pasture         TOTAL FEED COSTS         S         Ret increase in value of feeders         \$         RETURNS ABOVE FEED COST PER CWT. BEEF PRODUCED         RETURNS FOR \$100 OF FEED         \$         Price received per cwt. beef sold in 1941 \$	33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 \$3.98 \$157 \$9.72	26.2 11 464 126 3 20 177 \$9 20 613 286 500 \$5.67 1.48 <u>.16</u> \$7.31 \$15.42 \$8.11 \$217 \$9.29	11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 \$69 \$9.77

\*A few farmers had both dairy or dual-purpose cows and beef cows and fed c erable amounts of milk produced by the milking herd to beef calves.

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Feed Costs and Returns from Sn Your farm	Average of all farms		Farms lowest in returns above feed
Native sheep: no. of farms:	61	12	12
Feeds per head, * 1bs.:		ala antai yana kana kana kana kana kana kana kana	
Concentrates Legume hay Other hay Fodder and stover Silage	68 189 22 35 122	70 192 8 61 106	91 236 19 0 137
Feed cost per head:	<u>م</u> ا	1 <b>.</b>	<b>4</b>
Concentrates \$ Roughages \$ Pasture \$ TOTAL FEED COSTS \$	\$ .62 .95 <u>1.00</u> \$2.57	\$ .68 .93 <u>1.04</u> \$2.65	\$ .80 1.12 <u>.98</u> \$2.90
	2 .		
Value of produce per head: Wool \$ Net increase in value of sheep \$ TOTAL VALUE PRODUCED \$	\$2.97 5.08 \$8.05	\$3.40 <u>8.24</u> \$11.64	\$3.12 <u>1.78</u> \$4.90
RETURNS ABOVE FEED COST PER HEAD \$	\$5.48	\$8.99	\$2.00
RETURNS FOR \$100 OF FEED \$	\$340	\$467	\$196
Value per lamb sold \$ Price per lb. wool sold (cts.) Pounds of wool per sheep sheared Number of ewes kept for lambing % lamb crop % death loss	\$8.72 40.4 8.8 33.0 105.0 16.4	\$9.74 41.0 9.1 27.4 113.4 12.5	\$8.11 39.8 8.5 19.2 101.0 21.5
No. of head of sheep*	49.6	42.1	29.3
Feeder sheep: no. of farms	5	• • • • • • • • • • • • • • • • • • •	
Feeder sheep:       No. of faims         Feeds per cwt. sheep produced, lbs.:	853 256 20 105 0		
Feed cost per head: Concentrates \$ Roughages \$ Pasture \$ TOTAL FEED COSTS \$	\$7.71 1.10 <u>.57</u> \$9.38	s San 1,5 18 San San San San San San San San San San San San San San	
Net increase in value of sheep \$\$	\$14.66		
RETURNS ABOVE FEED COST PER CWT. PRODUCED \$	\$5.28		
RETURNS FOR \$100 OF FEED       \$         Price per cwt. sheep sold in 1941       \$         Price per cwt. sheep purchased in 1941       \$         % death loss          Pounds of sheep produced	\$178 \$10.76 9.68 2.6 3293		

- 21 -Feed Costs and Returns from Sheep, 1941

\*Two lambs under 6 mo. of age considered as one head.

Feed Costs and Returns From Hog Your farm	Average	Farms highest in returns	Farms lowest in returns above feed
Hogs: no. of farms:	190	38	38
Feed per cwt. hogs produced, lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein	313 ; 138 3 14	244 116 4 12	412 186 4 17
Total concentrates	468 262	376 209	619 306
Feed cost per cwt. hogs produced: Concentrates \$	\$ 4.54 .47 .16 \$ 5.17 \$10.58	\$ 3.63 .38 .12 \$ 4.13 \$11.08	\$ 6.04 •55 <u>21</u> \$ 6.80 \$10.38
RETURNS ABOVE FEED COST PER CWT. HOGS PROD. \$	\$ 5.41	\$ 6.95	\$ 3.58
RETURNS FOR \$100 OF FEED \$ Price received per cwt. hogs sold \$	\$215 \$9.20	\$277 \$9•35	\$156 \$9 <b>.</b> 17
Total no. of litters raised No. of pigs weaned per litter % of two-litter system Pounds of hogs produced	14.3 6.3 52.9 20,974	14.2 6.4 53.9 20,949	12.1 5.9 50.8 16,669
Chickens: no. of farms:		36	36
Feed per hen, lbs.: Grain Commercial feeds Total concentrates Skimmilk and buttermilk	$ \begin{array}{c}     104 \\     28 \\     132 \\     26 \end{array} $	117 <u>37</u> 154 34	100 23 123 18
Feed cost per hen: Concentrates \$\$ Skimmilk TOTAL FEED COST \$\$	\$ 1.74 .06 \$ 1.80	\$ 2.02 <u>.08</u> \$ 2.10	
Value of produce per hen: Eggs sold and used in house \$ Net increase in value of chickens TOTAL VALUE PRODUCED \$	\$ 2.59 .87 \$ 3.46	\$ 3.19 2.05 \$ 5.24	\$ 1.79 <u>.23</u> \$ 2.02
RETURNS ABOVE FEED COST PER HEN	\$ 1.66	\$ 3.14	\$ .35
RETURNS FOR \$100 OF FEED \$ Price rec'd per doz. eggs sold Eggs laid per hen No. of hens % of hens that are pullets	\$ 197 22.0 142 218 81	\$262 23.2 168 192 87	\$ 129 20.7 104 192 70

Feed Costs and Returns From Hogs and Chickens, 1941

Feed Costs and Retu Items	Your farm		9 Farms highest : returns	9 Farms in lowest in returns ed above feed
Feed per cwt. turkeys produced, lbs.: Grain Com. feeds - under 25% protein Com. feeds - over 25% protein		- 381 52 155	404 53 129	358 53 180
Total concentrates Skimmilk		588 74	586 59	591 90
Feed cost per cwt. turkeys produced	\$	\$9.33	\$9.04	\$9.62
Value of produce per cwt. turkeys pro Eggs and poults Net increases in turkeys TOTAL VALUE PRODUCED	d. \$ \$	\$1.62 <u>18.43</u> \$20.05	\$3.06 <u>19.61</u> \$22.67	\$ .18 <u>17.25</u> \$17.43
RETURNS ABOVE FEED COST PER CWT. TURKEYS PRODUCED	\$	\$10.72	\$13.63	\$7.81
RETURNS FOR \$100 FEED	\$	\$219	\$253	\$185
Price rec'd per 1b. turkey sold (cts.	<b>)</b>	20.6	21.1	20.1
Pounds of turkeys produced		19,819	27,014	12,625
Feed Costs for Horses and Misc. Items	Power and Your farm	Machinery Average of 195 farms		1941 39 least profit- able farms
Feed per horse; lbs.: Grain Hay Fodder and stover Feed costs per horse:		1855 4628 472	1925 5035 372	1761 3707 474
Grain Roughage Pasture TOTAL FEED COSTS	\$ \$	\$17.17 14.54 <u>3.78</u> \$35.49	\$17.52 16.23 <u>3.06</u> \$36.81	\$16.36 12.58 <u>4.55</u> \$33.49
Number of work horses Number of colts Crop acres per farm Fractor and horse exp. per crop acre Crop and general mach. exp. per cropa		4.1 .9 147.4 \$2.83 1.33	4.6 .9 202.6 \$2.79 1.28	3.7 .9 113.4 \$3.12 1.54
		······································	د این بیدارید. این ایمان دارد میکند. ا	n and a more may are say, that a second and and assessed

## - 23 -Feed Costs and Returns for Turkeys, 1941

\*Two colts equal one horse.

T3	Des a dis a s	77	÷	TTabalaa		Unnan	Dor+-1	1011
rarm	Produce	usea.	ln	nouse	anu	nouse	nenoar,	1741

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Your farm	Average 197 farms		39 least profit- able farms	; Your farm	Average 197 farms	39 most profit- able farms	39 least profit able farms
No. of persons (Family	3.1	3.6	2.8				
adult equiv.(Other*	•9	1.0	•8		2000 - 100 -	1	
Wholemilk Skimmilk Cream Farm made butter Eggs Cattle Hogs Sheep Poultry Potatoes Vegetables & fruits Farm fuel Rental vl. of house Misc.(wool,honey, etc)	1230 qts 208 qts 254 pts 1 lb. 205 doz 296 lbs 541 lbs 2 lbs 150 lbs 26 bu. - 7 cds	201 296 2. 297 3. 352 3. 666 3. 4 3. 123 35 -	1203 84 208 - 173 260 393 2 163 19 - 8	\$	\$ 43.94 .82 31.58 .27 42.55 22.19 46.12 .16 19.65 15.63 36.07 34.15 211.84 .10	.77 35.57 .06 51.30 28.47 58.37 .37 18.43 21.47 40.55 33.14	.49 26.86 .08 35.83 17.07 32.31 .17 21.16 12.24 36.06 39.96
Total	• • •				\$505.07	\$604.95	\$454.40

Household and Personal Expenses For.

as, loui

Those Farms Which Kept Complete Accounts o	f these Expenses,	1941
Your farn "	Average 26 most of 131 profit-	26 least profit-
Items	farms able <u>farms</u>	able farms
Number of persons - family	. 4.2 5.1	.3.4
Number of persons, (Family	3.2 3.8 .9 1.2	2.6
Food and meals bought       \$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	31 67
Total household and personal cash expenses	1,465 1,943	1,227
Food furnished by the farm Fuel furnished by the farm House rental Total household and personal expenses	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	241 4g <u>169</u> 1,685

\*Hired help or others boarded.

<u>M</u>	<u>lscellane</u>	eous Info	rmation - A	veraged by	<u>y Counties,</u>	1941				
	Dodge			· ·	Olmsted	Scott Rice		Waseca		
	and -	Free-	Good-	Nicol-	and	and		and	Winner	
Item	Mower	born	hue	let	Wabasha	Dakota	Steele	LeSueur		
Operator's labor earnings		\$ 3,084	\$ 3,036	\$ 2,676	\$ 2,698	\$ 2,643	\$ 3,969	\$ 3,657	\$ 3,493	
Av. farm inventory - Jan.1, 1941	23,734	23,264	22,266	23,769	21,677	21,367	24,793	25,742	24,561	
Total acres in farm	233	227	231	228	223	198	220	225	275	
Total crop acres	159	164	146	159	133	.151	138	147	164	
% of land tillable	85	74	76	75	74	70	71	.71	73	
Animal units of productive livestock	48.3	52.3	39.2	44.9	47.8	40.2	47.6	51.7	53.7	
% of animal units that are:										
Dairy & dual purpose cows	38.4	41.8	45.7	37.0	37.7	43.3	40.4	34.9	42.6	
Other dual purpose and dairy cattle	e 22.5	20.3	21.8	21.4	20.2	20.0	21.1	. 19.4	23.9	
Beef breeding herd	2.0	4.1	2.3	4.0	10.0	4.4	2.9	•7	Ō	
Feeder cattle	4.0	3.8	1.9	5.7	3.4	.5.6	1.5	5.9	4.7	
Farm flock of sheep	4.8	4.2	7.1	1.1	4.3	2.7	4.3	5.4	7.8	
Feeder sheep	4.5	· · O ;	0	Q.	0	, C	• O	.1	0	1
Hogs and the space	18.9	21.0	12.4	25.9	18,4	14.5	23.1	23.2	12.8	ß
Tarkeys	.6	· 0.	1.9	O O	2.8	5.0		5.5	5.2	I
Hens	4.3	4.8	6.9	4.9	3.2	.4.5	.6.2	4.9	3.0	
Crop yields, % of average	104	89	101	89	101	100	112	105	106	
% of till. land in high return crops	36.7	37.9	45.3	38.1	38.7	44.7	41.8	45.0	40.6	
Index of ret. for \$100 feed to prod.live	stock 106	100	106	83	103	109	102	99	102	
Productive livestock units per 100 A,	, 22.8	27.0	20.5	22.8	25.8	23.8	25.2	26.4	25.7	
Work units	686	724	646	640	615	589	675	705	732	
Work units per worker	329	359	272	284	323	260	291	311	294	
Expenses per work unit	\$1.68	\$1.57	\$1.89	\$1.73	\$1.92	\$2,18	\$1,82	\$2.04	\$1,91	
Price received per:							x	ал. С		
Lb. butterfat sold to creameries (ct	s.)38.7	39.1	38.2	38.5	39.0	38.6	39.3	38.1	38.2	
Cwt. hogs sold	\$9.37	\$9.39	\$9.04	\$9.13	\$9.19	\$9.01	\$9.46	\$9.06	\$9.30	
Doz. eggs sold (cts.)	22.0	22,2	22.0	21,1	21.4	21.5		22.9	22.6	
Tield per acre, corn for grain, bu.	57.7	48.9	59.7	56.5	59.4	55.5	60.1	59.5	64.2	
Yield per acre, corn for silage, ton	9.7	8.2	9.2	10.1	9.4	11.4	10.7	9.8	10.3	
Yield per acre, barley, bu.	37.3	31.5	26.8	25.5	27.3	27,1	32.9	33.4	31.6	
Yield per acre, oats, tu.	37.2	27.9	34.8	23.2	32.3	32.2	35.2	34.7	35.1	
Yield per acre, flax, bu.	14.0	5.4	14.3	7.7	13.2	10.1	11.2	11.9		
Yield per acfe, alfalfa, tons	2.3	2.4	2.1	2.7	2.8	2.8	3.1	2.6	2.5	
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Miscallaneous Information - Averaged by Counties 1941

		Sur	mary by Y	ears					
	Average 1928-29	Average 1930-32	A <b>ver</b> age 1933-35	1936	1937	1938	1939	<u>1940</u>	1941
Number of farms	148	157	· · 126	152	166	122	15 <sup>4</sup>	148-	197
Acres in farm	170	194	204	207	213	241	225	225	227
Crop acres in farm	116	134	· 140	138	143	164	147	148	. 147
Farm inventory	\$24,574	\$21,767	\$17,045	\$20,343	\$20,723	\$22,704	\$20,480	\$24,044	\$24,117
Farm Earnings (See page 29)			· · · · · · · · · · · · · · · · · · ·				•		· . · ·
			2.1	• •					
FARM EXPENSES									
Horses bought	* \$ 36	\$ 32	\$ 39	\$ 54	\$ 48	\$ 36	\$ 28	\$_28	\$ 32
Cattle	141	- 79	121	182	181	217	299	607	421
Hogs bought	85	69	49	62	- 77	65	62	60	121
Sheep bought	6	10	65	69	- 39	110	98	82·	45
Poultry bought	37	39		73	. 71	100	95	100	118
Misc. crop expenses	186	177	154	187	215	278	235	182	202
Feed bought	440	324	3,43	534	627	603	475	600	820
Power mach. (new & exp.) (farm share)	- 399	340	342	597	654	578	530	604	821
Custom work hired	·	-	· ·	-				123	115
Machinery and equipment (new)	- 190	132	139	· 276	335	330	261	296-	470
Machinery and equipment (upkeep)	. 72	57	55	- 60	.72	78	65	68*	90
Building, fencing, tiling (new)	130	98	,99	263	246	282	250	352	313
Buildings, fencing, tiling (upkeep)	52	29	41	63	·~ 96	114	69	84	164
Hired labor	272	252	261	374	433	519	340	404.	454
Taxes and insurance	298	338	269	268	274	322	285	276.	280
General farm	30	31	26	-28	41	40	36	) <del>4</del> 2 (	. 43
Miscellaneous livestock expense	66	72	55	83	83	$\frac{130}{7,700}$	$\frac{110}{7.070}$	78	$\frac{101}{4,610}$
(1) Total farm purchases	2,440	2,079	2,107	3,173	3,492	3,802	3,238	3,986-	4,010
(2) Decrease in farm capital		755			-	22	-	141	- 145
(3) Board furnished hired labor	102	- 93	91	153	149	174	128	× •	145 1,206
(4) Interest on farm capital	1,228	1,089	852	1,017	1,036	1,135	1,024 236	1,202. 269	278
(5) Unpaid family labor	358	292	220	247	254	231	0 <u>0</u>	209	c10
				· •	ан сайта. Ал ал	· · ·			
(6) Total farm exp. (Sum of (1) to (5)	4,128	4,308	3,270	4,590	4,931	5,364	4,626	5,598	6,239
	t <sup>te</sup> rres de la composition d					2 E 1			

T D

Summary by Years (Continued) FARM RECEIPTS Horses Cattle Dairy products Hogs Sheep and wool Poultry Eggs Corn Small grain Other crops Misc. Income from work off farm Agric. Adjustment payments (7) Total farm sales (8) Increase in farm capital (9) Farm prod. used in house + house rental (10) Total farm receipts (6) Total farm expenses	30 753 1,662 1,164 52 140 275 37 241 163 134 102 0 4,753 617 325 5,695 4,128	30 467 1,209 950 39 139 232 39 140 170 151 172 0 3,678 248 3,926 4,308	32 457 1,207 635 125 221 305 272 155 135 135 132 204 3,976 470 227 4,673 3,270	55 545 1,669 1,198 231 364 405 177 543 154 226 140 182 5,889 1,316 299 7,504 4,590	75 754 1,598 1,204 147 424 377 166 378 177 292 203 169 5,964 139 290 6,393 4,931	51 838 1,509 1,248 217 520 378 190 244 185 314 219 223 6,136 6,136 252 6,388 5,364	45 813 1,170 926 216 344 301 142 274 157 231 136 336 5,091 891 260 6,242 4,626	48 1,176 1,454 984 162 339 405 128 235 128 295 148 295 148 295 148 324 5,948 1,017 458 1,017 458 7,423 5,598	310 1,215 1,720 1,778 173 5830 523 288 262 287 342 146 331 7,479 1,432 505 9,416 6.239
(11) Operator's labor earnings MISCELLANEOUS ITEMS	1,567	- 382	1,403	2,914	1,462	1,0243	1,616	1,825	3,177
Yield per acre, corn (bu.) Yield per acre, barley (bu.) Yield per acre, oats (bu.) Yield per acre, alfalfa (tons)	44.8 36.0 46.0 3.0	43.5 30.1 48.1 2.6	44-5 23.5 34.8 2.3	34.4 21.5 36.0 1.9	43-8 30:0 48:1 2.1	51.7 28:23 35:9 2.1	59.0 33.5 48.5 2.2	56.3 41.0 58.2 2.3	57.6 29.0 31.5 2.6
% of till. land in high return crop Productive livestock units per 100 A, No, of work units Work units per worker Pow:,mach.,equip.,&bldg.exp.perwork	31.9 19.2 599 310 \$1.76	34.1 20.7 729 339 \$1.34	39.0 19.9 756 328 \$1,18	41.7 20.1 763 341 \$1.31	40.9 19.6 783 339 \$1.44	41.3 19.7 866 360 \$1.44	40.8 18.5 759 349 \$1.41	41.4 23.4 658 292 \$1.66	41.0 24.6 664 301 \$1.87
unit No. of farms with tractors No. of work horses No. of colts No. of dairy and dual purpose cows	<u>8</u> 0 5.4 14.2	101 5.4	90 90 5.2 8 	122 4.8 1.2 18.0	142 -4.5 1.5 17.6	114. 4.4. 1.3 18.6	134 1.1 1.1	134 41 1.0 17.1	188 4.0 •9

102. eggs solu			Summary	by Years	continued	1				
$\begin{array}{llllllllllllllllllllllllllllllllllll$					2 <b></b>		7070	1070	مارمد	דו(סד
Bo, of litters of pigs9.311.78.79.28.711.712.7	Miscellaneous items (continued)			<u>1933-35</u>	. 1936					
Pounds of hogs produced       12,100       10,23       12,20       16,3       16,23       16,23       16,23       16,23       16,23       16,23       16,23       16,23       16,23       16,23       16,23       16,23       16,23       16,23       16,23       12,23       12,71       19,71       14,71       14,21       12,00       14,21       12,00       14,21       14,21       12,01       11,00       14,21       14	No. of litters of pigs				. 9,2					
No. of head of sheep       1.0       1.1.3       1.1.3       1.2.3       1.1.4       1.1.5       1.2.3       1.2.4       1.2.4       2.4.2       2.4.2       1.2.4       1.4.2       1.4.2       1.4.2       1.4.2       1.4.2       1.2.4       1.3.4 </th <th>Pounds of hogs produced</th> <th></th> <th></th> <th></th> <th>12,786</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Pounds of hogs produced				12,786					
No. of hens136156183192187177197260Pounds of B. F. per dual purpose cow244216245232240245232240245260No. of eggs lail por hen94.6111.7122.3131.0130.0135.0136.0131.0142.Price raceived per94.6111.7122.3131.0130.0135.0136.0131.0142.Price raceived per5.52 $5.39$ 9.269.477.696.175.279.7Cwt. hogs sold8.925.825.556.957.386.046.486.698.7Cwt. hogs sold.36.13.21.20.17.16.20.974.645.556.957.386.046.486.698.7Lb. wool sold.36.13.21.20.17.16.20.1918.17.16Dog, eggs sold.28.37 $4.64$ 5.556.957.386.046.486.698.7Dog, eggs sold.28.17.16.20.19.18.17.16.20.19.18.17.16Dog, eggs sold.28.36.32.464.555.6957.38.604.488.69.87Dog, eggs sold.28.28.26.28.27.24.35.17.24.37.16.20Dual Purpose cow.5										
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$										
Pounds of J. P. per dual purpose cow       6.3       6.2       6.1       6.4       6.3       6.7       6.3       6.3       6.7         No. of eggs laid per hen       94.6       111.7       122.3       131.0       130.0       135.0       126.0       131.0       142.         Price received por       \$.52       \$.30       \$.28       \$.37       \$.39       \$.31       \$.28       \$.37       \$.99       \$.61       5.7       9.2         Cwt. hogs sold       8.92       5.82       5.39       9.26       9.47       7.69       6.17       5.27       9.2         Mamb sold       9.78       4.64       5.55       6.95       7.38       6.04       6.48       5.69       8.7         Mamb sold       .36       .13       .21       .29       .32       18       .26       .31       1         Doc eggs sold       .22       .17       .16       .20       .18       .21       .20       .17       .16         Dat purpose cow       \$.76.50       \$28.16       \$32.76       \$62.25       \$52.56       \$447.39       \$445.05       \$58.05       \$11.6         Dat Purpose cow       \$.76.50       \$28.16       \$32.77       \$2.48<		244	241	236	243	232		19 Jan 19		
"0. of pigs per litter6.36.26.16.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.46.36.46.46.36.46.56.47.17.66.175.279.29.29.269.477.696.175.279.29.29.269.477.696.175.279.29.29.269.477.696.175.279.29.21.201.71.223.11.201.171.223.131.21.211.201.171.223.131.21.211.201.171.223.131.211	Pounds of B. F. per dual purpose c	ow -	· · ·							
No. or eggs lain per hen1.94.01.11.11.12.91.94.61.94.61.94.61.94.7Price received perS. F. sold\$.52\$.30\$.28\$.37\$.39\$.31\$.28\$.33\$.1Cwt. hogs sold $8.92$ $5.82$ $5.39$ $9.26$ $9.47$ $7.69$ $6.17$ $5.27$ $9.6$ Lamb sold $9.78$ $4.64$ $5.55$ $6.95$ $7.38$ $6.04$ $6.48$ $6.69$ $8.7$ Lamb sold $9.78$ $4.64$ $5.55$ $6.95$ $7.38$ $6.04$ $6.48$ $6.69$ $8.7$ Lamb sold $3.6$ $1.7$ $1.62$ $1.9$ $3.21$ $2.9$ $3.21$ $8.26$ $3.1$ $1.62$ $8.67$ $9.7$ Lamb sold $3.6$ $1.32$ $1.17$ $1.62$ $1.9$ $3.21$ $2.9$ $3.21$ $8.26$ $8.7$ Lamb sold $3.6$ $1.32$ $1.17$ $1.62$ $1.29$ $3.21$ $8.67$ $9.7$ Lamb sold $3.6$ $1.32$ $1.17$ $1.62$ $1.92$ $1.62$ $1.92$ $1.62$ $1.7$ $1.62$ $1.7$ $1.62$ $1.7$ $1.62$ $1.92$ $1.62$ $1.62$ $1.92$ $1.62$ $1.92$ $1.62$ $1.92$ $1.62$ $1.92$ $1.62$ $1.92$ $1.62$ $1.92$ $1.62$ $1.92$ $1.62$ $1.92$ $1.62$ $1.92$ $1.62$ $1.92$ $1.92$ $1.62$ $1.92$ $1.92$ $1.62$ $1.92$ $1.92$ $1.12$ $1.16$ $1.62$	No. of pigs per litter	. 6.3								
Frice received per Ib. B. F. sold\$.52\$.30\$.28\$.31\$.22\$.33\$.32Cwt. hogs sold $8.92$ $5.82$ $5.39$ $9.26$ $9.47$ $7.69$ $6.17$ $5.27$ $9.26$ Cwt. feeder cattle sold $8.92$ $5.82$ $5.39$ $9.26$ $9.47$ $7.69$ $6.17$ $5.27$ $9.26$ Cwt. feeder cattle sold $3.92$ $5.82$ $5.39$ $9.26$ $9.47$ $7.69$ $6.17$ $5.27$ $9.26$ Lamb sold $3.6$ $1.3$ $21$ $29$ $32$ $18$ $2.66$ $31$ $9.7$ Lob. vool sold $28$ $1.7$ $1.6$ $20$ $19$ $18$ $1.5$ $1.7$ Lob. vool sold $22$ $1.7$ $1.6$ $20$ $1.9$ $18$ $21$ $20$ $1.7$ Lob. varped of sold $-20$ $1.8$ $21$ $20$ $1.7$ $1.6$ $5.6$ Dairy cow $576.50$ $$28.16$ $$32.76$ $$62.25$ $$52.56$ $$447.89$ $$445.05$ $$58.05$ $$71.6$ Dual Purpose cow $1.50$ $30$ $1.82$ $3.17$ $2.48$ $3.47$ $1.82$ $1.50$ $5.6$ Cwt. turkeys prod. $-20$ $1.6$ $3.63$ $1.22$ $9.45$ $$36.7$ $$43.70$ $$51.29$ $$440.55$ $$38.67$ $$43.22$ $$49.1$ Daal purpose cow $-20$ $1.6$ $1.55$ $1.67$ $3.37$ $$5.22$ $$43.37$ $$43.70$ $$51.29$ $$440.55$ $$38.67$ $$43.22$ <t< td=""><td>No. of eggs laid per hen</td><td>_ 94.6</td><td>111.7</td><td>122.3</td><td>131.0</td><td>130.0</td><td>135.0</td><td>150.0</td><td>131.0</td><td>142.0</td></t<>	No. of eggs laid per hen	_ 94.6	111.7	122.3	131.0	130.0	135.0	150.0	131.0	142.0
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		• •		L	4	<b>. . . .</b>	di	ർ റർ	- dr 77	··· · · · · · · · · · · · · · · · · ·
Out. hogs sind $3.52$	Lo. B. F. sold		\$.30		\$.37	\$ . 39				
Out. leader cattle sold $4$ amb sold9.784.645.556.957.386.046.486.698.7 $16$ wool sold.36.13.21.29.32.18.26.11.15 $10_{22}$ eggs sold.28.17.16.20.19.18.15.17.6 $10_{23}$ eggs sold.28.17.16.20.19.18.15.17.6 $10_{11}$ wow.20.18.21.20.17.16.6.6 $10_{11}$ wow.76.50\$28.16\$32.76\$62.25\$52.56\$47.89\$45.05\$58.05\$71.6 $10_{11}$ wow.50.301.823.172.483.471.821.505.1 $10_{12}$ wow.55.07.2243.543.631.283.183.435.1 $10_{12}$ wow.55.07.2243.543.631.283.183.435.1 $10_{12}$ wow.150.301.821.131.051.07.831.12.97.92.16 $10_{12}$ wow.1821.131.051.07.831.283.183.435.1 $10_{12}$ wow.1821.131.051.07.831.29\$10.55\$38.67\$43.22\$49.1 $10_{12}$ wow.1821.33.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1 $10_{12}$ wow.162.1	Cwt. hogs sold	8.92	- 5.82	5.39	9.26	9.47	1.69			
$\mu_{amb}$ sold9.784.645.555.997.386.046.465.699.74Lb, wool sold.36.13.21.29.32.18.26.31Lb, turkey sold.28.7.16.20.19.18.15.17Lb, turkey sold.20.18.21.20.17.16Lb, turkey sold.20.18.21.20.17.16Lb, turkey sold.20.18.21.20.17.16Lb, turkey sold.20.18.21.20.17.16Lb, turkey sold.20.18.21.20.17.16Lb, turkey sold.20.18.21.20.17.16Lary cow.50.50.07.24.54.63.28.16Lead of sheep.550.07.24.54.63.28.18.43.15Hen.82.131.05.107.831.12.97.92.16Cwt, turkeys prodDairy cow\$69.50\$52.27\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cowDairy cow\$69.50\$52.27\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Lal pu	Cwt. feeder cattle sold	·	· · · · ·	5 <b></b>			and the second s			
16. wool sold.90										
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Lb. wool sold			. 21	. 29	.32				
Lb. turkey sold20.18.21.20.17.16Return atove feed cost per:Dairy cow $(w_1, hogs, prod, w_1, hogs, $	Doz. eggs sold	.28	.17-	.16	, 20					,22
Return above feed cost per: Dairy cow\$76.50\$28.16\$32.76\$62.25\$52.56\$47.89\$45.05\$58.05\$71.6Dual Purpose cow Cwt. hogs prod.1.50.301.82 $3.17$ 2.48 $3.47$ 1.821.505.1Head of. sheep5.50 $07$ 2.24 $3.54$ $3.63$ 1.28 $3.18$ $3.43$ 5.1Hen1.821.131.051.07 $.83$ 1.12.97.921.6Cwt. turkeys prod.11.595.6612.5312.388.276.3010.7Feed cost per: Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.32\$6.23Cwt. turkeys prod		-		.20	_18	,21	.20	.1/	.10	. 21
Dairy cow\$76.50\$28.16\$32.76\$62.25\$52.56\$44.89\$40.05\$950.05 $40.65$ \$92.05Cwt. hogs prod.1.50301.823.172.483.471.821.505.4Head of sheep5.50 $-07$ 2.243.543.631.283.183.435.4Hen1.821.131.051.07831.12.97.921.6Cwt. turkeys prod.1.595.6612.5312.388.276.3010.7Feed cost per:1.1595.6612.5312.388.276.3010.7Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dual purpose cow2.822.262.592.462.532.372.332.612.51Head of sheep2.822.262.592.462.532.372.332.612.51Hen1.621.091.361.831.821.301.231.361.51Gwt. turkeys prod7.7010.008.327.757.099.069.1Gwt. turkeys prod7.7010.008.327.757.099.069.1Hen.60.36.53.60.60.39.31.35.445.6Gwt. turkeys prod7.7010.008.327.757.099.069.1				n krai			··· · · · · · · · · · · · · · · · · ·	() () () () () () () () () () () () () (		· @ -=== ( =
Dual Purpose cow $1.50$ $30$ $1.82$ $3.17$ $2.48$ $3.47$ $1.82$ $1.50$ $5.4$ Head of sheep $5.50$ $07$ $2.24$ $3.54$ $3.63$ $1.28$ $3.18$ $3.43$ $5.4$ Hen $1.82$ $1.13$ $1.05$ $1.07$ $83$ $1.12$ $97$ $92$ $-1.6$ Cwt. turkeys prod. $ 11.59$ $5.66$ $12.53$ $12.38$ $8.27$ $6.30$ $10.7$ Feed cost per: $ 11.59$ $5.66$ $12.53$ $12.38$ $8.27$ $6.30$ $10.7$ Dual purpose cow $  7.66$ $4.36$ $6.27$ $6.33$ $3.86$ $3.51$ $4.11$ Head of sheep $2.82$ $2.26$ $2.59$ $2.46$ $2.53$ $2.37$ $2.33$ $2.61$ $2.57$ Hen $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.85$ Hen $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.85$ Uvt. turkeys prod. $  7.70$ $10.00$ $8.32$ $7.75$ $7.09$ $9.06$ $9.5$ Horse $55.09$ $36.13$ $37.52$ $38.60$ $40.95$ $29.94$ $27.61$ $31.33$ $35.4$ Price of feed, barley (per bu.) $6$ $.36$ $.53$ $.60$ $60$ $.39$ $.30$ $.31$ Price of feed, barley (per bu.) $.60$ $.36$ $.53$ $.60$ $.60$		\$76.50	\$28.16	\$32.76	\$62.25	\$52.56	\$47.89	-		
Cwt. hogs prod.1.50.30 $1.82$ $3.17$ $2.48$ $3.47$ $1.82$ $1.97$ $2.43$ Head of sheep $5.50$ $07$ $2.24$ $3.54$ $3.63$ $1.28$ $3.18$ $3.43$ $5.14$ Hen $1.82$ $1.13$ $1.05$ $1.07$ $83$ $1.12$ $97$ $92$ $4.6$ Cwt. turkeys prod. $  11.59$ $5.66$ $12.53$ $12.38$ $8.27$ $6.30$ $10.7$ Feed cost per: $  11.59$ $5.66$ $12.53$ $12.38$ $8.27$ $6.30$ $10.7$ Dual purpose cow $       36.29$ $39.5$ Cwt. hogs produced $7.66$ $4.50$ $4.36$ $6.27$ $6.33$ $3.86$ $3.51$ $4.11$ $5.1$ Head of sheep $2.82$ $2.26$ $2.59$ $2.46$ $2.53$ $2.37$ $2.33$ $2.61$ $2.5$ Head of sheep $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.85$ Head of sheep $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.85$ Head of sheep $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.85$ Head of sheep $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.85$ Head of feed sh. corn (per bu.) $5.70$ $36.13$										52.01
Head of .sheep $5.50$ $07$ $2.24$ $3.54$ $3.63$ $1.28$ $3.18$ $5.45$ $2.4$ Hen $1.82$ $1.13$ $1.05$ $1.07$ $.83$ $1.12$ $.97$ $.92$ $1.62$ Cwt. turkeys prod. $ 11.59$ $5.66$ $12.53$ $12.38$ $8.27$ $6.30$ $10.7$ Feed cost per: $ 11.59$ $5.66$ $12.53$ $12.38$ $8.27$ $6.30$ $10.7$ Dairy cow $$69.50$ $$52.27$ $$$43.37$ $$$43.70$ $$51.29$ $$$40.55$ $$38.67$ $$$43.22$ $$$49.1$ Dual purpose cow $   -$ </td <td></td> <td>1.50</td> <td></td> <td></td> <td></td> <td>2.48</td> <td></td> <td></td> <td></td> <td>5.41</td>		1.50				2.48				5.41
Hen $1.82$ $1.13$ $1.05$ $1.07$ $83$ $1.12$ $97$ $.92$ $1.63$ Cwt. turkeys prod. $11.59$ $5.66$ $12.53$ $12.38$ $8.27$ $6.30$ $10.7$ Feed cost per:Dairy cow $$69.50$ $$52.27$ $$43.37$ $$43.70$ $$51.29$ $$40.55$ $$38.67$ $$43.22$ $$49.1$ Dual purpose cow $7.66$ $4.50$ $4.36$ $6.27$ $6.33$ $3.86$ $3.51$ $4.11$ $5.1$ Head of sheep $2.82$ $2.26$ $2.59$ $2.46$ $2.53$ $2.37$ $2.33$ $2.61$ $2.57$ Hen $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.83$ Hen $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.87$ Horse $55.09$ $36.13$ $37.52$ $38.60$ $40.95$ $29.94$ $27.61$ $31.33$ $35.4$ Price of feed sh. corn (per bu.) $$.70$ $$.49$ $$.48$ $$.72$ $$.78$ $$.43$ $$.36$ $$.46$ $$.76$ Price of feed, barley (per bu.) $.60$ $.36$ $.53$ $.60$ $.60$ $.39$ $.30$ $.31$ $.46$ Price of feed, oats (per bu.) $.48$ $.25$ $.29$ $.30$ $.35$ $.22$ $.23$ $.26$ Price of feed, bran (per cwt.) $1.70$ $1.00$ $1.05$ $1.30$ $1.45$ $1.05$ $1.10$ $1.20$ $1.75$ Price of feed, oil		5.50	07	2,24						
Introduct of Reys prod.Teed cost per:Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.67\$43.22\$49.1Dual purpose cow7.664.504.366.276.333.863.514.11Dual purpose cow7.664.504.366.276.333.863.514.115.1Ual purpose cow7.664.504.366.276.333.863.514.115.1Head of sheep2.822.262.592.462.332.663.514.16Hen1.621.091.361.831.827.7010.008.327.757.099.069.55.0936.1337.5238.60 <th< td=""><td></td><td>1.82</td><td>1.13</td><td>1.05</td><td></td><td></td><td>1 mm 1</td><td></td><td></td><td></td></th<>		1.82	1.13	1.05			1 mm 1			
Feed cost per:Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dual purpose cow7.66 $4.50$ $4.36$ $6.27$ $6.33$ $3.86$ $3.51$ $4.11$ $5.1$ Head of sheep2.82 $2.26$ $2.59$ $2.46$ $2.53$ $2.37$ $2.33$ $2.61$ $2.57$ Hen1.621.09 $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.82$ Cwt. turkeys prod7.70 $10.00$ $8.32$ $7.75$ $7.09$ $9.06$ $9.5$ Horse55.09 $36.13$ $37.52$ $38.60$ $40.95$ $29.94$ $27.61$ $31.33$ $35.4$ Price of feed sh. corn (per bu.)\$.70\$.49\$.48\$.72\$.78\$.43\$.36\$.46\$.57Price of feed, barley (per bu.).60.36.53.60.60.39.30.31.46\$.57Price of feed, oats (per bu.).48.25.29.30.35.22.23.26.26Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.45Price of feed, oilmeal (per cwt.)3.002.001.852.152.152.302.151.752.00	Cwt. turkeys prod.	· · · · · · · · · · · · · · · · · · ·		11.59	5.66	12.53	12,38	8.27	6.30	10.12
Dairy cow\$69.50\$52.27\$ $43.37$ \$ $43.70$ \$ $51.29$ \$ $440.55$ \$ $38.67$ \$ $443.22$ \$ $449.12$ Dual purpose cow7.664.504.366.276.333.863.514.115.1Gwt. hogs produced7.664.504.366.276.333.863.514.115.1Head of sheep2.822.262.592.462.532.372.332.612.55Hen1.621.091.361.831.821.301.231.361.85Cwt. turkeys prod7.7010.008.327.757.099.069.51Horse55.0936.1337.5238.6040.9529.9427.6131.3335.1Price of feed sh. corn (per bu.)\$.70\$.49\$.48\$.72\$.78\$.43\$.36\$.46\$.55Price of feed, barley (per bu.).60.36.53.60.60.39.30.31.31Price of feed, oats (per bu.).48.25.29.30.35.22.23.26.32Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.45Price of feed, oilmeal (per cwt.)3.002.001.852.152.152.302.151.752.05				÷.	.:	5.** 1		+ <i>C</i>	<b>(</b> )	
Dual purpose cow7.664.504.366.276.333.863.514.115.1Head of sheep2.822.262.592.462.532.372.332.612.82Hen1.621.091.361.831.821.301.231.361.88Cwt. turkeys prod7.7010.008.327.757.099.069.56Horse55.0936.1337.5238.6040.9529.9427.6131.3335.4Price of feed sh. corn (per bu.)\$.70\$.49\$.48\$.72\$.78\$.43\$.36\$.46\$.57Price of feed, barley (per bu.).60.36.53.60.60.39.30.31.31Price of feed, oats (per bu.).48.25.29.30.35.22.23.26Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.1Price of feed, oilmeal (per cwt.)3.002.001.852.152.152.302.151.752.00		\$69.50	\$52.27	\$43.37	\$43.70	\$51,29	\$40.55	\$38.67		
Cwt. hogs produced7.664.504.36 $6.27$ $6.33$ $3.86$ $3.51$ $4.11$ $5.1$ Head of sheep $2.82$ $2.26$ $2.59$ $2.46$ $2.53$ $2.37$ $2.33$ $2.61$ $2.51$ Hen $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.82$ Cwt. turkeys prod. $  7.70$ $10.00$ $8.32$ $7.75$ $7.09$ $9.06$ $9.52$ Horse $55.09$ $36.13$ $37.52$ $38.60$ $40.95$ $29.94$ $27.61$ $31.33$ $35.42$ Price of feed sh. corn (per bu.) $\$$ $.70$ $\$$ $49$ $\$$ $\$$ $$.72$ $\$$ $.78$ $\$$ $\$$ $$.46$ $\$$ Price of feed, barley (per bu.).60.36.53.60.60.39.30.31 $.31$ Price of feed, oats (per bu.).48.25.29.30.35.22.23.26Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.1Price of feed, oilmeal (per cwt.) $3.00$ $2.00$ $1.85$ $2.15$ $2.15$ $2.30$ $2.15$ $1.75$ $2.00$			-							39.50
Head of sheep $2.82$ $2.26$ $2.59$ $2.46$ $2.53$ $2.37$ $2.33$ $2.61$ $2.46$ Hen $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.83$ Cwt. turkeys prod. $  7.70$ $10.00$ $8.32$ $7.75$ $7.09$ $9.06$ $9.16$ Horse $55.09$ $36.13$ $37.52$ $38.60$ $40.95$ $29.94$ $27.61$ $31.33$ $35.16$ Price of feed sh. corn (per bu.) $\$$ $.70$ $\$$ $49$ $\$$ $\$$ $8.72$ $$.78$ $\$$ $.43$ $\$$ $.36$ $\$$ Price of feed, barley (per bu.).60.36.53.60.60.39.30.31.446 $\$$ Price of feed, oats (per bu.).48.25.29.30.35.22.23.26.46Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.45Price of feed, oilmeal (per cwt.) $3.00$ $2.00$ $1.85$ $2.15$ $2.15$ $2.30$ $2.15$ $1.75$ $2.00$		7.66	4.50	4.36	6.27					5.17
Hen $1.62$ $1.09$ $1.36$ $1.83$ $1.82$ $1.30$ $1.23$ $1.36$ $1.82$ Cwt. turkeys prod. $ 7.70$ $10.00$ $8.32$ $7.75$ $7.09$ $9.06$ $9.16$ Horse $55.09$ $36.13$ $37.52$ $38.60$ $40.95$ $29.94$ $27.61$ $31.33$ $35.16$ Price of feed sh. corn (per bu.) $\$$ $.70$ $\$$ <				2.59	2.46	2,53				2.57
Cwt. turkeys prod.Horse $55.09$ $36.13$ $37.52$ $38.60$ $40.95$ $29.94$ $27.61$ $31.33$ $35.1$ Price of feed sh. corn (per bu.) $$.70$ $$.49$ $$.48$ $$.72$ $$.78$ $$.43$ $$.36$ $$.46$ $$.9$ Price of feed, barley (per bu.).60.36.53.60.60.39.30.31Price of feed, oats (per bu.).48.25.29.30.35.22.23.26Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.1Price of feed, oilmeal (per cwt.) $3.00$ $2.00$ 1.85 $2.15$ $2.15$ $2.30$ $2.15$ $1.75$ $2.00$					1.83	1.82	1.30			1.80
Horse $55.09$ $36.13$ $37.52$ $38.60$ $40.95$ $29.94$ $27.61$ $31.33$ $35.4$ Price of feed sh. corn (per bu.) $\$$ $70$ $\$$ $49$ $\$$ $48$ $.72$ $\$$ $8.43$ $\$$ $36$ $\$$ $46$ $\$$ Price of feed, barley (per bu.).60.36.53.60.60.39.30.31Price of feed, oats (per bu.).48.25.29.30.35.22.23.26Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.45Price of feed, oilmeal (per cwt.) $3.00$ $2.00$ $1.85$ $2.15$ $2.15$ $2.30$ $2.15$ $1.75$ $2.00$			•							<u> </u>
Price of feed sh. corn (per bu.)       \$ .70       \$ .49       \$ .48       \$ .72       \$ .78       \$ .43       \$ .36       \$ .46       \$ .72         Price of feed, barley (per bu.)       .60       .36       .53       .60       .60       .39       .30       .31         Price of feed, oats (per bu.)       .48       .25       .29       .30       .35       .22       .23       .26         Price of feed, bran (per cwt.)       1.70       1.00       1.05       1.30       1.45       1.05       1.10       1.20       1.1         Price of feed, oilmeal (per cwt.)       3.00       2.00       1.85       2.15       2.30       2.15       1.75       2.00		55,09	36.13				29.94		31.33	35.49
Price of feed, barley (per bu.)       .60       .36       .53       .60       .60       .39       .30       .31         Price of feed, oats (per bu.)       .48       .25       .29       .30       .35       .22       .23       .26         Price of feed, bran (per cwt.)       1.70       1.00       1.05       1.30       1.45       1.05       1.10       1.20       1.4         Price of feed, oilmeal (per cwt.)       3.00       2.00       1.85       2.15       2.30       2.15       1.75       2.00							\$.43			\$.52
Price of feed, oats (per bu.)       .48       .25       .29       .30       .35       .22       .23       .26         Price of feed, bran (per cwt.)       1.70       1.00       1.05       1.30       1.45       1.05       1.10       1.20       1.4         Price of feed, oilmeal (per cwt.)       3.00       2.00       1.85       2.15       2.30       2.15       1.75       2.00										. 38
Price of feed, bran (per cwt.)       1.70       1.00       1.05       1.30       1.45       1.05       1.10       1.20       1.1         Price of feed, oilmeal (per cwt.)       3.00       2.00       1.85       2.15       2.30       2.15       1.75       2.00										. 32
Price of feed, oilmeal (per cwt.) 3.00 2.00 1.85 2.15 2.15 2.30 2.15 1.75 2.0								1.10		1.45
										2.00
TITTER OFFICER GETSTATIONER VOID IT, I) IC.VV IV.OV O.VV II.VV II.VV II.VV II.VV	Price of feed, alfalfa (per ton)	14.75	12.00	10.80	8.00	11,00	7.50	7.00	7.50	8.00

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## Footnote for pages 26, 27 and 28.

The values of farm real estate in 1931 were reduced approximately 25 per cent from 1928-1930 values. The values in 1932 were reduced about 29 per cent from the 1931 values. Only land was affected by the reduction in 1931, but in 1932 buildings and improvements were cut 25 per cent. In 1936 the values of land were adjusted upward 10 per cent. The value of dairy cows was also adjusted downward in 1932 and upward in 1936. These capital losses were not included in the inventory decreases 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 1941.

The financial statements differ also in that the unpaid family labor rate was \$60 per month for the 1928 to 1930 period, \$40 in 1931, \$30 in 1932 to 1934, \$40 in 1935, \$43 in 1936, \$45 in 1937 to 1940 and \$50 in 1941; and the board for hired labor was figured at \$20 per month in the 1938 to 1930 period, \$15 per month in 1931, \$10 per month in 1932, 1933 and 1934, \$15 per month in 1935, \$18 per month in the years 1936 to 1940 and \$20 in 1941.

These adjustments should be considered in comparing 1941 results with previous years.

None of the wheat adjustment payments received under A.A.A. contracts were included in farm receipts for 1933. The wheat payments represent remuneration to the producer for adjustments made in 1934 and 1935 and are, therefore, credited in these years. One-half of the total amount that is due for the full period of the contract was credited as income in 1934 and the remaining one-half in 1935. All of the money received or due under the 1934 corn-heg and sugar-beet contracts was credited as income in 1934 even though final payments for 1934 were not made till 1935. Likewise, all of the money received or due under the 1935, and all the money due as agricultural conservation payments for the years 1936 to 1941 was credited as income in the years 1936 to 1941, respectively.

Several changes appeared in the 1940 and 1941 records. The value of the house which had previously been omitted from the farm business was included and a rental charge equal to 10 per cent 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 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. Cattle were classified into two groups "specialized dairy cattle" and "dual purpose cattle". Statements for beef breeding cattle, feeder cattle and feeder sheep were also included.