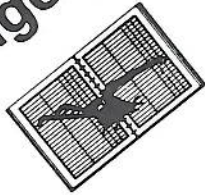


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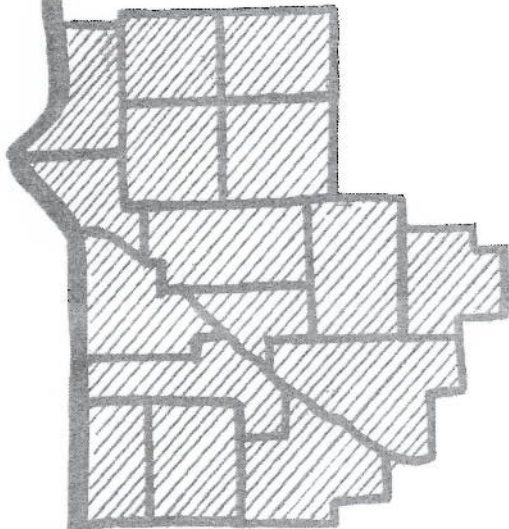
annual report

West Central Minnesota Farm Management Report



COOPERATING AGENCIES

University of Minnesota, Dept. of Agriculture Education
Minnesota Department of Education, Vocational Division
Willmar Area Vocational Technical Institute



An Adult Education Program

APRIL, 1977

YOUR AREA VO-AG COORDINATORS ARE ---

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STAPLES	WILLIAM GUELKER
THIEF RIVER FALLS	ED SISLER
WILLMAR	JOHN THELL
WINONA	DONALD WALKER

Contact any of the area vo-ag coordinators or your local agriculture instructor for information on the adult farm management program offered in Minnesota.



1976 Report of the West Central Farm Management Analysis Program for Cooperating Farmers

John L. Thell

INDEX

Introduction	1
Schools Participating	2
Whole Farm Inventories	3-4
Whole Farm Cash Receipts	5
Whole Farm Cash Expenses	6
Farm Enterprise Statement	7
Household Expenses	8
Operators Net Worth Statement	9-10
Operators Cash Receipts	11
Operators Cash Expenses	12
Work Unit Explanation	13
Prices Farm Growth Feeds-Labor Earnings Correlated	14
Explanation of Farm Organization Measures	15
Measures of Farm Organization	16
Thermometer Chart	17
Crop Production-Acres and Yield	18
Table 10 - Individual Crop Analysis	19
Barley, Spring.	20
Barley, Malting	21
Flax	22
Oats, Feed	23
Rye	24
Wheat, Spring	25
Wheat, Winter	26
Beans, Navy	27
Beans, Pinto	28
Corn, Canning	29
Corn, Grain	30
Soybeans	31
Sugarbeets	32
Sunflowers	33
Canning Peas	34
Alfalfa Hay	35
Other Tillable Grass Hay	36
Grain Silage	37
Corn & Sorghum Silage	38
Tillable Grass Pasture.	39
Corn, Grain - Irrigated	40
Alfalfa Hay - Irrigated	41
Corn & Sorghum Silage - Irrigated	42
Cost & Returns - Hogs, Farrow, Finish, General	43
Cost & Returns - Hogs Finishing Enterprise	44
Cost & Returns - Producing Weaning Pigs	45
Cost & Returns - Dairy Cows, Commercial, General	46
Cost & Returns - Other Dairy, Commercial, Replacements	47
Cost & Returns - All Dairy & Dual Purpose Cattle	48
Cost & Returns - Beef Breeding Cattle.	49
Cost & Returns - Beef Feeders-Feedlot	50
Cost & Returns - Sheep, Farm, Commercial	51
Cost & Returns - Chickens, Laying Flock, Commercial	52
Cost & Returns - Chickens, Laying Flock, Farm	53
Summary of Miscellaneous Items by Years.	54
What Does Your Family Want?.	55

INTRODUCTION

The Willmar Area Vocational-Technical Institute in cooperation with the Minnesota Department of Education, Vocational Division, and the University of Minnesota Agricultural Education Department operate and maintain the Vocational Agricultural Farm Management Program in West Central Minnesota. The program was initiated in 1952 and is available to farmers enrolled in Adult or Young Farmer classes in public schools. The area served by the Willmar analysis center is indicated on the front cover.

The purpose of the Vo-Ag. Farm Management Program is to provide farmers and teachers of agriculture with farm record analysis information which will be helpful to them in studying farming operations and factors of management involved in successful farm operations. Each participating farmer is provided a copy of this report which lists his individual farm record analysis figures along with the averages of all farms, the high and low earnings farms. Each farmer pays an annual fee which covers clerical costs, data processing fees, and cost of publishing the report.

The analysis of the records and the preparation of the reports for the West Central Area are done under the direction of John Thell, Area Vo-Ag. Coordinator for West Central Minnesota. The program is supervised locally by Mr. Lowell Melbye, Superintendent of Schools, and Mr. Mike Cullen, Director of the Willmar Area Vocational-Technical Institute. Cooperating agencies are represented by Mr. Odel Barduson and Mr. Robert Van Tries of the State Department of Education and Dr. R. Paul Marvin of the University of Minnesota Agriculture Education Department. Clerical assistants for this project were Mrs. Joyce Jacobson, Mrs. Celeste Thell, and Mrs. Barb Hartman.

In keeping with the times and to speed the analysis procedure, automatic data processing methods were used again this year. Data is extracted from the individual farm record books at the Willmar analysis center and submitted to the Specialized Data System, Inc. at Madison, Wisconsin for processing. Results of the individual analysis are returned to the farmer as soon as the analysis is completed. Averages and indexes found in this record are computed after all forms have been processed.

Records kept in the Minnesota Farm Account Book by all participating farmers include farm inventories, cash receipts and expenses, feed consumed by livestock, family living secured from the farm, household and personal expenses and receipts and the operator's liabilities and assets other than farm capital.

A special thank you to all the area coordinators, Mr. Mike Cullen, Mr. Robert Jacobson, Dr. Persons, Mr. Odel Barduson and others who helped by giving of their time during this past year.

This report deals with farmers enrolled in the following schools in West Central Minnesota. The following tabulation shows by schools the number of 1976 records submitted at the time of this printing.

CLASS LOCATION	INSTRUCTOR	% TIME ADULT	RECORDS PROCESSED	NO. OF FAMILIES SERVED BY PROC.
Alberta-Chokio	L. Westron	13	1	1
Alexandria	B. Sonstegard	100	44	47
Appleton	R. Nelson	25	1	1
Benson	Leon Carlson	50	10	13
Canby	M. Hughes	100	26	30
Canby AVTI	D. Schalek	0	8	16
Clinton	D. Fredrick	0	1	1
Danube/Olivia	A. Bauman	100	31	34
Dawson	A. Schwandt	50	22	24
Evansville	O. Anderson	100	22	25
Fairfax	R. Schiller	100	19	22
Granite Falls	L. Eastland	100	38	42
Hoffman	K. Schneider	25	4	5
Litchfield	W. Nelson	100	42	50
Madison	R. Butterfield	100	39	44
Montevideo	M. Warner	100	51	55
Parkers Prairie	C. Davis	100	30	34
Renville	M. Wacholz	50	24	26
Tracy	K. Schiller	80	26	28
Wabasso	R. Grochen	67	16	18
Willmar	D. Shodean	100	40	44
Willmar AVTI	C. Stranberg	0	26	45
Willmar	J. Thell	0	1	1

VETERANS FARM TRAINING PROGRAM

Alberta-Chokio	T. Rademacher	100	17	23
Alexandria	T. Kusmak	100	22	25
Bellingham	P. Fransky	100	19	21
Benson	M. Fredrickson	100	17	19
Canby	D. Schoberg	75	20	22
Canby AVTI	C. Bauman	100	8	10
Dawson	A. Schwandt	50	12	12
Danube	R. Rebstock	100	6	27
Evansville	H. Knobloch	100	12	12
Granite Falls	N. Dieter	100	20	20
Herman	D. Wastweet	100	23	24
Hector	E. Koberel	100	28	30
Litchfield	W. Harper	100	24	24
	F. Rose	100	25	25
Marietta	T. Foslein	100	2	3
Montevideo	N. Brakken	50	18	20
Tracy	C. Swenson	100	23	26
Tyler	P. Bartz and Hanson	100	38	45
Willmar	F. Boeder	100	17	20
Willmar	D. Stanghelle	100	7	7
Montevideo	R. Hauge	Region 6-W	5	7
			885	1028

Table 1A -FARM INVENTORIES - 1976

Item	Average 456 Farms	
1 Size of farm-Total Acres	366.2	
2 -Tillable Acres	316.6	
3 Work Units-Crops	153.09	
4 -Livestock	125.69	
5 -Other	69.91	
6 Total Size of Business in Work Units	348.69	
7 Number of Workers	1.58	
8 Farm Capital Investment Per Worker	\$171241	
Item	Average 456 Farms Jan. 1	Dec. 31
9 PRODUCTIVE LIVESTOCK		
10 Dairy Cows	3351	3442
11 Other Dairy Cattle	1680	1857
12 Beef Breeding Cattle	1596	1500
13 Beef Feeder Cattle	3129	3033
14 Hogs	5552	5493
15 Sheep (Inc. Feeders)&Goats	50	33
16 Poultry-All Types	105	76
17 Other Livestock	60	59
18 Total Productive Livestock	\$15523	15493
19 Crop, Seed & Feed	27818	24027
20 Power, Machinery & Equipment		
21 Auto & Truck (Farm Share)	2984	3126
22 Power & Machinery	20043	21465
23 Irrigation Equipment	81	363
24 Custom Work Equipment		
25 Livestock Equipment	2645	3102
26 Total Power, Machinery & Equip	\$25753	28056
27 Land	160086	160520
28 Buildings-Fences-Etc.	18868	20578
29 Total Farm Capital	\$248048	248674
30 Increase or Decrease in Total Farm Capital		626

Tables 1A and 1B show the beginning of the year and end of the year inventory value for each part of the farm business. These tables represent whole-farm capital investment. For only the operators share of capital invested in the farm business, see Table 5, Page 9 , Net Worth Statement, items 1-6.

Livestock, Crops, Seed and Feed reflect a conservative market price at the time the inventory is taken. Machinery, Equipment and Building values reflect cost less depreciation.

(Continued page 4)

Table 1B - Farm Inventories - 1976

Item	91 Most Profitable	91 Low Profitable
1 Size of Farm-Total Acres	404.3	507.8
2 -Tillable Acres	349.8	449.8
3 Work Units-Crops	166.40	235.67
4 -Livestock	197.58	98.39
5 -Other	94.74	45.35
6 Total Size of Business in Work Units	458.72	379.41
7 Number of Workers	1.71	1.67
8 Farm Capital Investment Per Worker	\$160542	\$261899

Item	Jan. 1	Dec. 31	Jan. 1	Dec. 31
9 PRODUCTIVE LIVESTOCK				
10 Dairy Cows	5490	5750	1649	1697
11 Other Dairy Cattle	2717	3474	1144	1055
12 Beef Breeding Cattle	1406	1628	2448	2026
13 Beef Feeder Cattle	2214	3027	6904	6447
14 Hogs	8716	8871	6389	5448
15 Sheep(inc. Feeders) & Goats	15	26	76	28
16 Poultry-All types	8	14	8	11
17 Other Livestock	85	82	140	151
18 Total Productive Livestock	\$20650	22872	18759	16862
19 Crop, Seed & Feed	33714	38060	41462	25554
20 Power, Machinery & Equipment				
21 Auto & Truck (Farm Share)	2841	3354	4711	4485
22 Power & Machinery	20816	22929	33311	34421
23 Irrigation Equipment	405	740		791
24 Custom Work Equipment				
25 Livestock Equipment	4007	4783	2924	3627
26 Total Power, Machinery & Equipment	\$28069	31806	40945	43323
27 Land	132059	133060	277276	278979
28 Buildings-Fences, Etc.	21105	25066	25659	27916
29 Total Farm Capital	235596	250864	404802	392634
30 Increase or Decrease in Total Farm Cap.		15268		-12168

Other measures of farm size in Tables 1A and 1B as shown by items 1 through 7 are Acres, Work Units and Number of Workers.

Work Units ranged from a low of 150 total work units to a high of 1800 total work units.

The Number of Workers shown in item 7 includes the operator(s) hired labor, unpaid family labor and the labor portion of custom work hired.

Table 2A - WHOLE FARM SUMMARY OF CASH RECEIPTS- 1976

Items	Average of 456 Farms	91 Most Profitable Farms	91 Least Profitable Farms
1 <u>Sale of Livestock and Livestock Products</u>			
2 Dairy Cows	\$ 757	\$ 1374	\$ 283
3 Dairy Products	8325	15171	3530
4 Other Dairy Cattle	734	1175	529
5 Beef Breeding Cattle	518	314	650
6 Beef Feeder Cattle	6481	4766	17355
7 Hogs Complete & Mixed	8333	15298	9673
8 Hogs Finishing	5077	8638	3382
9 Hogs Producing Weaning Pigs	1119	1602	570
10 Sheep, Goats & Wool, Farm Flock	53	12	61
11 Sheep & Wool, Feeder Lambs	34		152
12 Chickens (Including Hens & Broilers)	43	3	6
13 Turkeys	3		
14 Eggs	583	41	73
15 Other Productive Livestock & Products	21	26	11
16 Other Miscellaneous Livestock Income	1		
17 Total Sales of Productive Livestock	32083	48418	36275
18 <u>Sale of Crops</u>			
19 Wheat	\$ 5651	\$ 7162	\$ 7928
20 Other Small Grains	1313	984	1822
21 Corn	10516	12963	15815
22 Soybeans	6171	7364	7732
23 Other Row Crops	1872	1232	5231
24 Legumes & Other Forage	640	713	694
25 Grass Seed			
26 Fruits & Nuts			
27 Vegetable Roadside Market & Spec.			
28 Nursery, Timber & Other			
29 Set Aside Acres-Government Payments	2		
30 Total Sales From Crops	26165	30418	39224
31 Capital Assets Sold	5181	10742	1966
32 Gas Tax Refund	131	121	144
33 Income From Work Off the Farm	2077	2722	1541
34 Custom Work Enterprise Income	67		
35 Patronage Refunds	1293	1472	1960
36 Miscellaneous Farm Income	900	641	1747
37 Total Farm Sales	67897	94534	82857
38 Increase in Farm Capital	626	15268	
39 Family Living From the Farm	350	467	315
40 Total Farm Receipts (37)+(38)+(39)	75981	110269	83171

Tables 2A and 2B show the cash receipts and expenses for the whole farm including the landlords share. Table 6A and 6B show the receipts and expenses of the operator of each farm. (Page 11). Operator labor earnings are shown on Table 6B. Tables 2A, and 2B, and 6A and 6B show the average of all farms, the high return farms and low return farms with reference to labor earnings.

Table 2B - WHOLE FARM SUMMARY OF CASH EXPENSES - 1976

	Average of 456 Farms	91 Most Profitable Farms	91 Least Profitable Farms
1 Purchase of Livestock			
2 Dairy Cows	\$ 266	\$ 130	\$ 247
3 Other Dairy Cattle	144	101	111
4 Beef Breeding Cattle	136	166	118
5 Beef Feeder Cattle	2796	2264	8372
6 Hogs complete & Mixed	903	1897	768
7 Hogs Finishing	1798	3278	1366
8 Hogs Producing Weaning Pigs	164	171	151
9 Sheep & Goats	6		
10 Sheep, Feeder Lambs	11		55
11 Chickens(Inc. Hens & Broilers)	70	8	19
12 Turkeys	1		
13 Other Productive Livestock	10	4	2
14 Miscellaneous Livestock Exp.	1083	1596	1104
15 Feed Bought	8215	12293	9789
16 Fertilizer	4545	5177	7616
17 Chemicals	1582	1803	2718
18 Other Crop Expense	2905	3297	4745
19 Irrigation Operation Costs	8	38	
20 Custom Work Ent. Oper. Costs (inc. Labor)	27		
21 Custom Work Hired	1273	1662	1451
22 Repair & Upkeep of Live. Eq.	272	403	259
23 Repair & Upkeep of F. R. Est.	622	688	892
24 Gas, Oil, & Grease Bought (F.S.)	2114	2350	2965
25 Repair & Op. of Mach., T.T. & A	2666	2758	3982
26 Repair & Upkeep of Irr. Eq.	4	12	7
27 Repairs-Custom Work Ent.	9		
28 Wages of Hired Labor	1597	1899	3192
29 Per. Prop. & R.E. Taxes	1600	1804	2305
30 General Farm Expense	956	986	1455
31 Telephone Exp. (F.S.)	154	155	192
32 Electricity Exp. (F.S.)	416	546	430
33 Total Cash Operating Exp.	\$36352	\$45485	\$54311
34 Power, Crop, & G.M. (F.S.)	7047	7702	9874
35 Irrigation Equipment Bought	314	421	836
36 Custom Work Equ. Bought			
37 Livestock Equipment Bought	997	1359	1541
38 New Real Estate & Imp.	8594	15576	8761
39 Total Farm Purc.(33)-(38)	\$53304	\$70544	\$75323
40 Decrease In Farm Capital			12168
41 Interest in Farm Capital	14902	14594	23923
42 Unpaid Family Labor	465	382	382
43 Labor Ch. Partner & Oth Op.	432	533	940
44 Board Furn. Hired Labor	42	34	89
45 Total Farm. Ex.(39)Thru(44)	76254	86087	112825
46 Labor Earnings (W.F.)(2a/40)-(45)	-273	24183	-29653
47 Number of Operators	1	1	1

Table 3 - ENTERPRISE STATEMENT - 1976

Item	Average of 456 Farms	91 Most Profitable Farms	91 Least Profitable Farms
1 <u>RETURNS AND NET INCREASES</u>			
2 Productive Livestock			
3 Dairy Cows	\$ 8228	\$ 15239	\$ 3374
4 Other Dairy Cattle	1742	3701	742
5 Beef Breeding Cattle	525	485	725
6 Feeder Cattle	3407	3214	8019
7 Hogs, Complete & Mixed	7623	13758	7887
8 Hog Finishing Enterprise	2780	5001	1504
9 Producing Weaning Pigs	1280	1704	1077
10 Sheep & Goats	41	24	54
11 Sheep, Feeder Lambs	11		55
12 Chickens (Including Hens & Broilers)	526	43	65
13 Turkeys	14		
14 Other Productive Livestock	12	19	21
15 Total All Productive Livestock	26189	43188	23524
16 Value of Feed Fed to Livestock	19204	27177	22285
17 Return Over Feed From Livestock	6986	16011	1239
18 Crop, Seed & Feed	24231	39235	20693
19 Cooperative Patronage Refunds	1293	1472	1960
20 Miscellaneous Farm Income	900	641	1747
21 Custom Work Enterprise	31		
22 Total Returns & Net Increases	33441	57359	25639
23 <u>EXPENSES AND NET DECREASES</u>			
24 Truck & Auto (Farm Share)	\$ 2071	\$ 2009	\$ 3033
25 Tractors & Crop Machinery	8139	8678	12696
26 Irrigation Equipment	32	75	52
27 Electricity	416	546	430
28 Livestock Equipment	819	998	1063
29 Buildings, Fences & Tiling	2196	1312	4099
30 Bare Land	74	(-604)	784
31 Miscellaneous Livestock Expense	1083	1596	1104
32 Labor	841	495	3216
33 Labor Charge for Other Operator(s)	432	533	940
34 Property Tax	1600	1804	2305
35 General Farm Expense & Telephone	1109	1140	1647
36 Interest on Farm Capital	14902	14594	23923
37 Total Expenses & Net Decreases	33714	33176	55292
38 Labor Earnings	(-273)	24183	(-29653)
39 Number of Farm Operators	8	1	1

Table 4 - HOUSEHOLD EXPENSE - 1976

Item	Average	Most	Least
	Farms	Profitable Farms	Profitable Farms
1 Number of Persons - Family	4	4	4
2 Number of Adult Equivalent-Family	3.0	2.9	3.1
3 Church & Welfare	\$ 371	\$ 452	\$ 349
4 Medical Care & Health Insurance	1060	1080	1100
5 Food & Meals Bought	2089	2258	2338
6 Operating Expense & Supplies	833	1080	759
7 Furnishings & Equipment	768	856	829
8 Clothing & Clothing Materials	633	765	731
9 Personal Care, Personal Spending	387	325	567
10 Education	212	161	252
11 Recreation	398	600	450
12 Gifts & Special Events	299	371	329
13 Personal Share Truck & Auto Exp.	451	591	372
14 Operator Share Upkeep on Dwelling	285	310	334
15 Pers. Share Tel. & Elec. Exp.	273	309	251
16 Total Cash Living Expense	8060	9157	8661
17 Personal Share New Truck & Auto	292	454	138
18 New Dwelling Bought	709	666	251
19 Taxes & Other Deductions	1394	1713	1935
20 Life Insurance & Other Savings & Investments	928	1289	1314
21 Total Household & Personal (16)-(20)	11383	13280	12299
22 Total Family Living From the Farm (33)	310	353	188
23 Total Cash & Non-Cash Exp. (21)+(22)	11693	13632	12487
24 FAMILY LIVING FROM THE FARM (AVERAGES)			
25	Amount	Opr. Share	
26 Milk & Cream (Quarts)	238	61	
27 Beef & Buffalo (Pounds)	491	168	
28 Pork (Pounds)	154	64	
29 Lamb, Mutton, Goat (Pounds)	1		
30 Poultry, All Fowl (Pounds)	19	11	
31 Eggs (Dozen)	27	13	
32 Vegetables, Fruits, Spuds, & Fuel- Also Other Produce		3	
33 Total Family Living From The Farm			350

Table 5A - NET WORTH STATEMENT - OPERATOR - 1976

Item	Average of 450 Farms	
	Jan. 1	Dec. 31
1 Total Productive Livestock	\$ 14523	\$ 14334
2 Crop, Seed & Feed	26371	22506
3 Total Power, Machinery & Equipment	25020	27318
4 Land	63474	67568
5 Buildings, Fences, Etc.	15730	17930
6 Total Farm Capital	145118	149656
7 Non-Farm Assets	14405	16121
8 Dwelling	6762	7784
9 Total Assets	166285	173561
10 Real Estate Mortgages	31044	35668
11 Chattel Mortgages	15621	18449
12 Notes	10487	11046
13 Accounts Payable	1711	2554
14 Total Liabilities	58863	67718
15 Farmers Net Worth	107422	105843
16 Gain (or Loss) In Net Worth		(-1579)
17 Supplementary Management Information		
18 Operators Labor Earnings (6B/47)	(-124)	
19 Return to Capital & Family Labor (6B/48)	5150	
20 Non-Farm Income		
21 Outside Investment Income	486	
22 Other Personal Income & Income Tax Refund	1671	
23 Total Non-Farm Income	2157	
24 Total Family Farm & Non-Farm Income	7307	
25 Total Money Borrowed	35109	
26 Total Paid on Debt (Principle)	26882	
27 Total Household & Pers. Cash/Non-Cash Exp. (4/23)	11693	
28 Ratio: Total Farm Exp. to Ttl. Farm Receipts (O.S.)	.988	
	Jan. 1	Dec. 31
29 Ratio: Total Assets to Total Liabilities	2.824	2.562
30 Ratio: Non-Real Estate Assets-Non-Real Estate Liab.	2.369	2.001
31 Ratio: Real Estate Assets to Real Estate Liab.	2.551	2.397
32 Ratio: Net Worth to Total Liabilities	1.824	1.562
33* Ratio: Cash Opr. Exp. to Adjusted Ttl. Farm Sales (O.S.)		.701
34 Ratio: Ttl. Farm Receipts to Avg. Farm Capt. (W.F.)		.305
35 Ratio: Ttl. Farm Receipts to Avg. Farm Capt. (O.S.)		.420

*Adjusted Total Farm Sales Does NOT Include Sale of Capital Assets

The NET WORTH STATEMENT shows the operators financial progress during the year and from this statement he can study his progress from year to year. Items 1 thru 5 show the distribution of capital invested by the operator in the farm business.

ITEM 27 - The Ratio of Total Farm Expense to Total Farm Receipts

Sometimes called the Gross Ratio, expresses the percentage of each dollars worth of income consumed by expense. It is calculated by dividing item 38, Table 6B by item 28, Table 6A.

ITEM 28 - The Ratio of Total Assets to Total Liabilities

Sometimes called the Net Capital Ratio, measures the degree of financial safety in the farm business. It shows the number of dollars in assets available to cover each dollar of debt.

OPERATOR'S NET WORTH STATEMENT

Table 5 - Net Worth Statement of the Most and Least Profitable Farms

Items	88 Most Profitable Farms		88 Least Profitable Farms	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
1 Total Prod. Lvstk.	\$16821	\$19090	\$20236	\$18068
2 Crop, Seed & Feed	29089	32449	43006	27292
3 Total Power, Mach, & Equip.	23844	27706	44267	46683
4 Land	60329	66809	124858	132135
5 Buildings, Fences, Etc.	16057	19442	27151	31194
6 Total Farm Capital	146141	165495	259518	255371
7 Non-Farm Assets	14012	16648	20794	22723
8 Dwelling	7978	8316	8905	10467
9 Total Assets	\$168131	190459	289217	288561
10 Real Estate Mortgages	33541	37857	50118	60011
11 Chattel Mortgages	15413	19663	26799	32324
12 Notes	8980	10012	23073	24756
13 Accounts Payable	2092	2465	3968	5890
14 Total Liabilities	\$60025	69998	103958	122981
15 Farmers Net Worth	\$108106	120461	185259	165580
16 Gain (or Loss) in Net Worth		12355		-19679
17 Supplementary Management Information				
18 Operators Labor Earn.(6B/47)		19287		-25570
19 Return to Cap. & Fam. Liv.(6b/48)		24743		-17019
20 Non-Farm Income				
21 Outside Investment Income	365		699	
22 Other Pers. Inc.&Inc. Tax Rf	1393		1996	
23 Total Non-Farm Income	1761		2695	
24 Tot. Fam. F. & Non F. Inc.	26504		-14324	
25 Total Money Borrowed	35003		70485	
26 Total Paid on Debt (Principle)	25761		52389	
27 Tot. HH & Pers. Cash/Non Cash Exp. (4/23)	13632		12487	
28 Ra.T. Farm Exp. to F.Rec.(O.S.)	.704		1.355	
29 Ra.T. Assets to T. Liab.	1.555	2.720	2.782	2.346
30 Ra.T. Non-R.E.As.-Non-R.E. L.	2.633	3.242	2.107	1.461
31 Ra.R.E. As. to Real Es. Liab.	2.277	2.278	3.033	2.721
32 Ra. Net Worth to T. Liab.	1.180	1.720	1.782	2.759
33*Ra. Cash Op. Ex. to Ad. F. S.		.617		.820
34 Ra. T. Farm Rec. to Aver F.C. (W.F)		.453		.208
35 Ra. T. Farm Rec. to Aver. F.C.(O.S.)		.531		.332

*ADJUSTED TOTAL FARM SALES DOES NOT INC. SALE OF CAP. ASSETS

Item 29 - THE RATIO OF NON-REAL ESTATE ASSETS TO NON-REAL ESTATE LIABILITIES sometimes called the Intermediate Ratio, is calculated by dividing the sum of items 2,3, & 7 by the Non-Real Estate Liabilities, items as, 12 & 13.

Item 30 - THE RATIO OF REAL ESTATE ASSETS TO REAL ESTATE LIABILITIES IS CALCULATED by dividing the sum of items 4,5, & 8 by item 10. Lending agencies are often interested in the relationship of item 29 to item 30.

Item 32 - THE RATIO OF CASH OPERATING EXPENSE TO ADJUSTED TOTAL FARM SALES is calculated by dividing item 28 in Table 6B by item 29, Table 6A. It differs from item 27 (Ratio of Ttl. Exp. to Ttl. Farm Receipts) in that it does not include the sale or purchase of Capital Assets.

TABLE 6A - OPERATORS SHARE OF CASH RECEIPTS

Item	Average 456 Farms	91 Most Profitable Farms	91 Least Profitable Farms
1 Sale of Livestock & Livestock Products			
2 Dairy Cows	\$ 697	1433	289
3 Dairy Products	8080	15749	5683
4 Other Dairy Cattle	711	1112	675
5 Beef Breeding Cattle	436	176	468
6 Beef Feeder Cattle	6170	4344	15621
7 Hogs Complete & Mixed	7945	8900	12882
8 Hogs Finishing	4044	3599	4508
9 Hogs Producing Weaning Pigs	984	982	915
10 Sheep, Goats & Wool, Farm Flock	53	10	61
11 Sheep, Wool, Feeder Lambs	34	16	152
12 Chickens (Inc. Hens & Broilers)	40		96
13 Turkeys	3		
14 Eggs	577		134
15 Other Prod. Livestock & Prod.	19	26	11
16 Other Miscellaneous Live. Income	1		
17 Total Sales of Prod. Livestock	\$ 29794	36346	41495
18 Sale of Crops			
19 Wheat	4336	4030	6890
20 Other Small Grain	1065	942	1581
21 Corn	8764	9172	15139
22 Soybeans	5486	5385	7850
23 Other Row Crops	1849	927	5452
24 Legumes & Other Roughage	464	446	914
25 Grass Seed			
26 Fruits & Nuts			
27 Veg. Roadside Market & Spec.			
28 Nursery, Timber & Other			
29 Set Aside Acres-Gov. Payments	2		
30 Total Sales From Crops	\$21967	\$20903	\$37826
31 Capital Assets Sold	676	184	438
32 Gas Tax Refund	128	120	131
33 Income From Work off Farm	2328	2970	1707
34 Custom Work Enterprise Income	67	72	
35 Patronage Refunds	1278	1145	2256
36 Miscellaneous Farm Income	828	1238	1534
37 Total Farm Sales	\$57066	\$62978	\$85387
38 Increase in Farm Capital	4538	19354	
39 Family Living From Farm	350	453	336
40 Tot. Farm Rec. (37)-(38)-(39)	61954	82785	85723
41 Adjusted Tot. F. Sales (37)-(31)	56129	61810	84949
42 Total Cash Farm Op. Exp.	40060	38890	70075
43 Net Cash Operating Income	16069	22921	14875

OPERATOR'S NET WORTH STATEMENT

Table 5 - Net Worth Statement of the Most and Least Profitable Farms

Items	88 Most Profitable Farms		88 Least Profitable Farms	
	Jan. 1	Dec. 31	Jan. 1	Dec. 31
1 Total Prod. Lvstk.	\$16821	\$19090	\$20236	\$18068
2 Crop, Seed & Feed	29089	32449	43006	27292
3 Total Power, Mach, & Equip.	23844	27706	44267	46683
4 Land	60329	66809	124858	132135
5 Buildings, Fences, Etc.	16057	19442	27151	31194
6 Total Farm Capital	146141	165495	259518	255371
7 Non-Farm Assets	14012	16648	20794	22723
8 Dwelling	7978	8316	8905	10467
9 Total Assets	\$168131	190459	289217	288561
10 Real Estate Mortgages	33541	37857	50118	60011
11 Chattel Mortgages	15413	19663	26799	32324
12 Notes	8980	10012	23073	24756
13 Accounts Payable	2092	2465	3968	5890
14 Total Liabilities	\$60025	69998	103958	122981
15 Farmers Net Worth	\$108106	120461	185259	165580
16 Gain (or Loss) in Net Worth		12355		-19679
17 Supplementary Management Information				
18 Operators Labor Earn.(6B/47)		19287		-25570
19 Return to Cap. & Fam. Liv.(6b/48)		24743		-17019
20 Non-Farm Income				
21 Outside Investment Income	365		699	
22 Other Pers. Inc.&Inc. Tax Rf	1393		1996	
23 Total Non-Farm Income	1761		2695	
24 Tot. Fam. F. & Non F. Inc.	26504		-14324	
25 Total Money Borrowed	35003		70485	
26 Total Paid on Debt (Principle)	25761		52389	
27 Tot. HH & Pers. Cash/Non Cash Exp. (4/23)	13632		12487	
28 Ra.T. Farm Exp. to F.Rc.(O.S.)	.704		1.355	
29 Ra.T. Assets to T. Liab.	1.555	2.720	2.782	2.346
30 Ra.T. Non-R.E.As.-Non-R.E. L.	2.633	3.242	2.107	1.461
31 Ra.R.E. As. to Real Es. Liab.	2.277	2.278	3.033	2.721
32 Ra. Net Worth to T. Liab.	1.180	1.720	1.782	2.759
33*Ra. Cash Op. Ex. to Ad. F. S.		.617		.820
34 Ra. T. Farm Rec. to Aver F.C. (W.F)		.453		.208
35 Ra. T. Farm Rec. to Aver. F.C.(O.S.)		.531		.332

*ADJUSTED TOTAL FARM SALES DOES NOT INC. SALE OF CAP. ASSETS

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7 Hogs Complete & Mixed	7945	8900	12882
8 Hogs Finishing	4044	3599	4508
9 Hogs Producing Weaning Pigs	984	982	915
10 Sheep, Goats & Wool, Farm Flock	53	10	61
11 Sheep, Wool, Feeder Lambs	34	16	152
12 Chickens (Inc. Hens & Broilers)	40		96
13 Turkeys	3		
14 Eggs	577		134
15 Other Prod. Livestock & Prod.	19	26	11
16 Other Miscellaneous Live. Income	1		
17 Total Sales of Prod. Livestock	\$ 29794	36346	41495
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22 Soybeans	5486	5385	7850
23 Other Row Crops	1849	927	5452
24 Legumes & Other Roughage	464	446	914
25 Grass Seed			
26 Fruits & Nuts			
27 Veg. Roadside Market & Spec.			
28 Nursery, Timber & Other			
29 Sed Aside Acres-Gov. Payments	2		
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31 Capital Assets Sold	676	184	438
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39 Family Living From Farm	350	453	336
40 Tot. Farm Rec. (37)-(38)-(39)	61954	82785	85723
41 Adjusted Tot. F. Sales (37)-(31)	56129	61810	84949
42 Total Cash Farm Op. Exp.	40060	38890	70075
43 Net Cash Operating Income	16069	22921	14875

Table 6B - OPERATORS SHARE OF CASH EXPENSES

Item	Average of 456 Farms	91 Most Profitable Farms	91 Least Profitable Farms
1 <u>Purchase of Livestock</u>			
2 Dairy Cows	\$ 265	\$ 322	\$ 276
3 Other Dairy Cattle	144	233	159
4 Beef Breeding Cattle	121	101	120
5 Beef Feeder Cattle	2639	1766	7978
6 Hogs Complete	723	719	1496
7 Hogs Finishing	1420	1261	1876
8 Hogs Producing Weaning Pigs	142	88	191
9 Sheep, Farm Flock	6		
10 Sheep, Feeder Lambs	11		55
11 Chickens	69	4	1
12 Turkeys	1		
13 Other Productive Livestock	9	4	2
14 Miscellaneous Livestock Expense	1022	1278	1381
15 Feed Bought	7487	7663	11331
16 Fertilizer	4061	4142	7895
17 Chemicals	1461	1507	2606
18 Other Crop Expense	2770	2711	4850
19 Irrigation Operation Cost	8	31	
20 Custom Work Operator Costs, Includ. Labor	27	30	
21 Custom Work Hired	1231	1418	1658
22 Repair & Upkeep of Livestock Equip.	270	344	294
23 Repair & Upkeep of Farm Real Estate	604	560	937
24 Gas, Oil, Grease Bought (Farm Share)	2063	2088	2978
25 Repair & Opr. of Mach., Tractor, Truck & Auto (F. S.)	2609	2276	4214
26 Repair & Upkeep of Irrig. Equip.	4	10	7
27 Repairs, Custom Work Enterprise	9		
28 Wages of Hired Labor	1590	1515	3648
29 Personal Property & Real Estate Taxes	729	822	1190
30 Cash Rent	3037	2237	5319
31 General Farm Expenses	929	918	1491
32 Telephone Expense (Farm Share)	149	150	202
33 Electricity Expense (Farm Share)	401	502	490
34 Interest Expense	4051	4190	7429
35 Total Cash Operating Expense	40060	38890	70075
36 Power, Crop & Gen. Mach. Bought (F.S.)	6938	7101	10288
37 Irrigation Equipment Bought	314	408	647
38 Custom Work Enterprise Equip. Bought			
39 Livestock Equipment Bought	938	1043	1637
40 New Real Estate & Improvements	8512	10554	15794
41 Total Farm Purchases (35) thru (40)	56762	57995	98441
42 Decrease in Farm Capital			4180
43 Interest on Farm Capital (Equity)	4809	5045	8082
44 Unpaid Family Labor	465	411	469
45 Board Furnished Hired Labor	42	47	122
46 Total Farm Expense (41) thru (45)	62078	63498	111294
47 Labor Earnings (Oprs. Share)-(6A/40)-(46)	(-124)	19287	(-25570)
48 Return to Capital & Family Labor (47)+(44)	5150	24743	(-17019)
	+(43)		

Table 6B lists the operators share of exp. items. Cash rent and cash interest paid by the operator are included as part of cash operating exp. The sum of item 27, Interest Expense; and item 34, Interest on Farm Capital equals 6% of the operators average capital. Return to Capital and Family Labor represents the amt. available for debt service,

EXPLANATION FO WORK UNITS

The TOTAL WORK UNITS on any one farm is one measure of the size of that farm business. A Work Unit, as used in this report, is the average accomplishment of a farm worker in a ten hour day. Total number of Work Units is not a measure of how hard a farmer works or how much machinery and equipment is used in getting the work done but it does measure how much is being accomplished on the farm. The Work Unit values in Table 7 below were changed in 1973 to make this a more realistic measure.

Table 7 - WORK UNITS FOR CROPS, LIVESTOCK AND WORK OFF THE FARM

Item	No. of Work Units	Item	No. of Work Units/acre
Dairy Cows	7.0/cow	Bly., Wheat, Oats,	.30/acre
Other Dairy Cattle	1.2/head	Rye	
Beef Breeding Cows	1.5/head	Canning Peas	.40/acre
Beef Feeder	.12/cwt.	Oat Silage	.40/acre
Hogs-Complete	.12/cwt.	Canning Corn	.50/acre
Hogs-Finishing	.06/cwt.	Corn for Grain	.55/acre
Hogs-Weaning Pigs	1.4/litter	Soybeans	.45/acre
Sheep, Farm Flock	.60/head	Corn & Cane Silage	.60/acre
Lambs, Feeder	.30/head	Alfalfa Hay	.60/acre
Chickens, Laying Flock	5.0/100	O. Leg. & Mixed Hay	.40/acre
Broilers	.20/cwt.	Tame Grass Hay	.20/acre
Turkey, Laying Flock	25.0/100	Annual Hay	.30/acre
Turkey Pullets	.12/cwt.	Leg. & Grass Silage	.40/acre
Labor Off Farm	1.0/\$20	Summer Fallow Tilled	.20/acre
Diverated Acres-Idle	.05/acre	Wild Hay	.20/acre
		Sugar Beets	2.00/acre
		Pinto Beans	.50/acre

ANIMAL UNITS

One animal unit represents; one dairy cow or bull, two other dairy cattle, 1½ beef cows or bulls, 1 feeder steer or heifer, 3 1/3 other beef cattle, 7 sheep, 14 lambs, 2½ hogs, 5 pigs, 50 hens, or 1,100 lbs. of turkeys produced.

AVERAGE PRICES FOR FARM GROWN FEEDS

GRAIN:

Corn	\$ 2.45 Per Bushel
Oats	1.41 Per Bushel
Barley	2.30 Per Bushel

HAY:

Alfalfa	\$ 60.00 Per Ton
Other Legume Hay	50.00 Per Ton
Wild Hay	40.00 Per Ton

OTHER ROUGHAGES:

Corn Silage	\$ 18.00 Per Ton
Grass Silage	20.00 Per Ton

PASTURE:

Cows	\$ 6.00 Per Head Per Month
Young Cattle	3.00 Per Head Per Month
Sheep	1.00 Per Head Per Month
Hogs	.50 Per Head Per Month

AGE OF THE FARM COOPERATOR ON A PERCENTAGE BASIS FOR 1976 ANALYSIS:

<u>Age Group</u>	<u>Percent of Total</u>
20-24	13%
25-29	23%
30-34	20%
35-39	17%
40-44	15%
45-49	6%
50 and Over	6%

MEASURES OF FARM ORGANIZATION AND MANAGEMENT EFFICIENCY

The following explanation and definitions are for use in interpreting Table 8 and the Thermometer Chart on page 17.

1. Labor Earnings - A measure of the relative financial return for the operator's labor, taking into account all income and expense, cash and non-cash, including a charge for the use of farm capital. This is based on the whole farm business and is found also in Table 2 and Table 3.
2. Crop Yield Index - A measure of the crop yield level for all crops produced expressed as percentage of the average; the average being 100%.
3. Percent of Tillable Land in High Return Crops - A measure of crop selection based on a rating of individual crops. Crop ratings take into account such things as dollar return, effect on the soil, TDN yield, labor required, etc. Rating can be found on Table 3.
4. Gross Return Per Acre - An additional measure of crop selection based on total production times an average price for the crops.
5. Return per \$100 Feed Fed to Productive Livestock - Measure the general level of efficiency for all livestock. It is expressed as a percentage of the average and combines the individual livestock indexes into one figure.
6. Livestock Units per 100 Acres - A measure of livestock density or population. Unit values are assigned to the various classes of livestock.
7. Size of Business - Work Units - A measure of the total work load. A Work Unit represents the average accomplishment of a worker in a one-hour day. Work units values are assigned to each class of livestock each crop, and to other tasks utilizing farm labor.
8. Work Units per Worker - Measures labor efficiency. It is the total work units divided by the number of workers including the operator, hired labor and family labor.
9. Power, Machinery, Equipment and Building Expense Per Work Unit - A measure of expense control. It is the total cost of items 24 through 28 in Table 3 divided by the number of Work Units.
10. Farm Capital Investment Per Worker - Indicates size of business. Useful in comparing a farm business to other industries or businesses.

Other items listed on Table 8 are related to the above measures and serve to further define and describe the efficiency level of the farm business. Note should be taken that items listed on Table 8 and the Thermometer Charts are to be considered in light of the individual farm and farm operator. Although in general, an above-average level for each factor listed would indicate above-average earnings, this may not be true when individual farms are considered. The inter-relationship of factors varies from farm to farm.

TABLE 8 -MEASURES OF FARM ORGANIZATION - 1976

Item	Average of 456 Farms	91 Most Profitable Farms	91 Least Profitable Farms
1 Labor Earnings	\$ -124	\$19287	-25570
2 Crop Yield Index	100	127.5	98.9
3 % Till. Land In High Ret. Crops	75.7	76.8	76.7
4 Gr.Ret./Till Acre (Exc. Pasture)\$	108.27	131.56	100.70
5 Ret.\$100 Prod. Lvstk, Index	100.0	105.5	87.3
6 *Live Units per 100 Acres	16.56	20.60	14.34
7 Size of Bus.-Work Units	348.69	458.72	379.41
8 Work Units Per Worker	220.69	268.26	227.19
9 Pow.Mach.Eq/Work Units	39.44	29.69	57.20
10 Farm Cap. Invest. Worker	\$ 171241	160542	261899
11 Index of Return Per \$100 Feed Fed			
12 6010A Bf Bred. R/C/G/ Cow Herd	100.0	102.3	81.9
13 6020A Bf Bred. F/C/G/ Cow Herd	100.0	100.0	94.5
14 6060A BfBred. Repl/F/C/Gen.	100.0	73.8	101.9
15 6100A Bf Bred. F/Whole H/ Com.	100.0	136.0	91.4
16 6130A Bf Feeders Grass Fed	100.0	58.4	73.3
17 6140A Bf Feeders Feed lot	100.0	110.8	88.2
18 6240A Chick.,L. Flock/comm.	100.0	124.2	57.2
19 6250A Chick., L. Flock/Farm	100.0	100.0	131.6
20 Dairy Cows, Comm. Gen	100.0	108.3	100.0
21 6310A O. D. Comm/ Replace.	100.0	119.2	90.2
22 6420A Geese	100.0	102.5	
23 6470A Hogs, F/ F/ G	100.0	117.9	
24 6490A Hogs, Finishing	100.0	230.5	
25 6510A Hogs, Weaning Pig Prod	100.0		
26 6530A Hogs, Mixed systems	100.0		
27 6570A Lambs, Feeders	100.0		
28 6660A Sheep, Range, Comm.	100.0		
29 6670A Sheep, Farm, Comm.	100.0		
29 6690A Turkey, L. F. H. Breeds	100.0		
30 Number of Animal Units	52.59	72.37	64.66
31 Work Units			
32 Crops	153.09	166.40	235.67
33 Productive Livestock	125.69	197.58	98.39
34 Other Productive Work Units	69.91	94.74	45.35
35 Expenses Per Work Units			
36 Tractor & Mach. Exp.	23.57	19.08	34.11
37 F.S. Of Auto & Tr. Exp.	5.97	4.38	8.12
38 F.S. of Electric Exp.	1.20	1.19	1.15
39 Livestock Eq. Exp.	2.36	2.18	2.84
40 Building, F. & Tiling Exp.	6.33	2.86	10.97
41** T. & Crop Mach Exp. P/Crop Acre	25.66	24.76	28.16
42 F.P. & Mach Cost All to Lvst.	948.79	1380.53	875.80
43 Build,F& Til Cost All. to Crps	991.28	625.00	2851.60

44 *Acres include all tillable land, non-tillable hay & Pasture

45**Acres include all tillable land plus acres in non-tillable hay

THERMOMETER CHART

Using your figures from Table 8, locate your standing with respect to the various measures of farm organization and management efficiency. The averages for the farms included in this summary are located between the solid line across the center of this page.

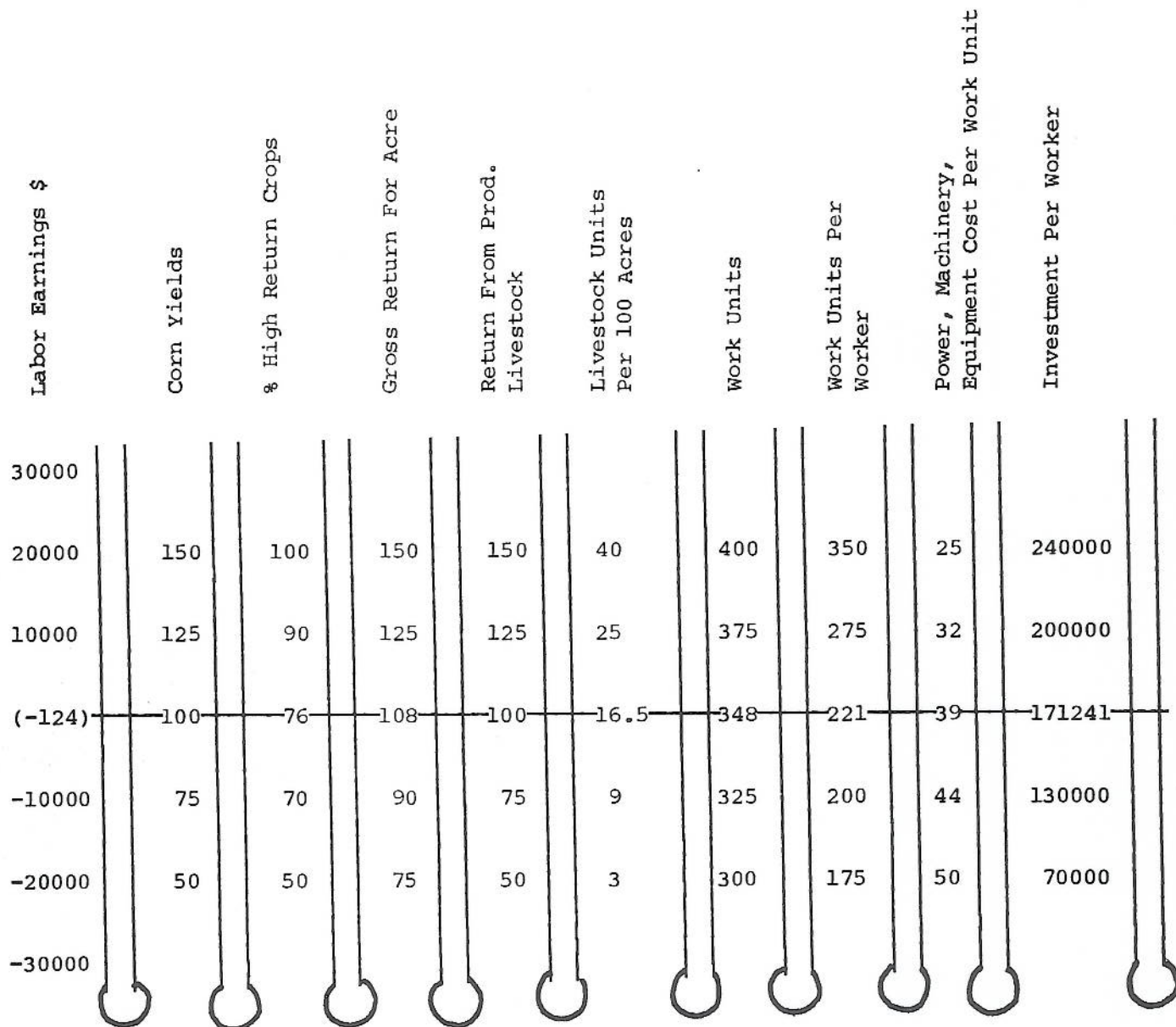


TABLE 9 - CROP PRODUCTION -1976

Item	455 Average Earnings Acres	91 High Earnings Acres	91 Low Earnings Acres
A. Total Small Grain & Can. Peas	109.3*	111.9*	159.1*
B. Total Row Crop	163.8*	184.2*	242.8*
C. Total Legumes, Inc. Seed	18.6*	23.8*	16.8*
D. Total Other Hay	.9*	.7*	1.4*
E. Total Silage & Sodder	22.6*	27.0*	29.0*
F. Total Tillable Pasture	1.2*	2.2*	.6*
K. Total Fallow & Idle Land	.1*	.	.
L. Total Tillable Land	316.5*	349.8	449.7
M. Total Non-Till. Hay/Pasture	1.0*	1.5*	1.1
9985 W.Hay Not Har.(Non Tillable)	3.4	3.2	2.3
9986 Pasture Not Harvested	17.5	17.4	21.5
9987 Timber Not Harvested	3.1	2.9	4.5
9988 Road & Waste	15.1	18.9	15.9
9989 Farmstead	9.5	10.5	12.7
O. Total Land Not Harvested	48.6*	52.9*	56.9*
P. Total Non Tillable Land	49.6*	54.4*	58.0*
Q. Total Land in Farm Or Ranch	366.1*	404.2*	507.7*
9992 SUPPLEMENTARY MANAGEMENT INFORMATION			
9993 Percent Land Tillable	86.5	86.5	88.6
9994 Percent Land in High Ret. Crp.	75.7	75.6	76.7
9995 *Fertilizer Cost Per Acre	17.61	18.08	22.15
9996 *Crop Chemicals Per Acre	5.04	5.01	5.94
9997 * Seed & Other Costs Per Acre	9.67	10.13	10.12
9998 *Gas,Oil & Grease Bou Per Acre	5.12	5.24	5.34
9999 * Till. L-Till. Past Fallow, & Idle			

* Number of Farms not indicated on crop data form means 10 or less farms were included in this crop data analysis

TABLE 10 - CROP ANALYSIS

The Crop Analysis Tables for each individual crop shows the yield, value per unit, and gross return per acre.

Costs such as fertilizers, chemicals, seed and others, hired labor and custom work are costs that are assigned to each individual crop in the account book. These costs are shown in Table 10, under supplemental costs.

Other costs, called allocated costs, are not actual costs incurred but a calculated cost. The power and crop machinery expense is divided into ownership costs and operation costs for each crop. The power and crop machinery expense per crop work unit is calculated from the expense and net decrease on Table 3. Work units for each crop are used as a factor to calculate the per acre cost for power and crop machinery. Line 22 on each crop table shows the calculated interest on investment for equipment or land. It does not include interest on irrigation equipment or land.

Land cost used is considered the going rental value for land of similar type in the local area. Land rental value reflects a charge for taxes and interest on investment in land. The only cost not included is storage cost and the operators labor.

TABLE 10 - CROP DATA FOR BARLEY, SPRING - 1976

Item	Average Yield of 26 Farms	13 Farms High In Yield	13 Farms Low In Yield
1 Acres	62.0	61.2	62.8
2 Yield	29.7	38.6	21.0
3 Value Per Production Unit	2.29	2.32	2.26
4 Crop Product Return	68.00	89.54	47.50
5 Other Crop Income	1.47		2.90
6 Total Crop Return	69.47	89.54	50.40
7 Supplemental Costs			
8 Fertilizer	7.95	8.46	7.45
9 Chemicals	1.10	.96	1.23
10 Seed & Other	6.27	5.16	7.36
11 Special Hired Labor			
12 Custom Work Hired	3.76	3.37	4.14
13 Irrigation Operation			
14 Total Supplemental Costs	19.08	17.95	20.18
15 Return Over Supplemental Costs	50.39	71.59	30.22
16 Allocated Costs			
17 Farm Power & Mach.-Ownership	11.35	9.94	12.73
18 Farm Power & Mach.-Operation	6.74	7.64	5.86
19 Irrigation Equip.-Ownership			
20 Land Costs	39.04	34.23	43.85
21 Miscellaneous Costs	.06		.11
22 * Interest on Mach.&Equip Inv.	2.45	2.63	2.27
23 Total Allocated Costs	59.64	54.44	64.82
24 Return Over All Listed Costs	-9.25	17.15	-34.60
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.30	.30	.30
27 Power Costs Allocation Factor	1.00	1.00	1.00
28 Total Listed Cost Per Unit of Prod.	2.65	1.88	4.04
29 Return Over Listed Costs per Unit	-.31	.44	-1.65
30 Breakeven Yield	34.38	31.20	37.61
31 Total Listed Costs Per Acre	78.72	72.39	85.00
32 Other Possible Costs Not Listed			
33 Utilities & Other Gen F. Exp.	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

* Does not include interest on investment in irrigation equipment or land.

TABLE 10-0050 - CROP DATA FOR BARLEY, MALTING - 1976

Item	Average Yield of Farms
1 Acres	79.0
2 Yield	30.6
3 Value Per Production Unit	2.79
4 Crop Product Return	85.35
5 Other Crop Income	
6 Total Crop Return	85.35
7 Supplemental Costs	
8 Fertilizer	8.96
9 Chemicals	.70
10 Seed & Other	7.14
11 Special Hired Labor	.14
12 Custom Work Hired	1.16
13 Irrigation Operation	
14 Total Supplemental Costs	18.10
15 Return Over Supplemental Costs	67.25
16 Allocated Costs	
17 Farm Power & Mach.-Ownership	13.75
18 Farm Power & Mach.-Operation	7.08
19 Irrigation Equip.-Ownership	
20 Land Costs	37.78
21 Miscellaneous Costs	
22 * Interest Mach.&Equip. Inv.	2.85
23 Total Allocated Costs	61.46
24 Return Over All Listed Costs	5.79
25 Supplementary Management Information	
26 Work Units Assigned Per Acre	.30
27 Power Costs Allocation Factor	1.00
28 Total Listed Cost Per Unit Prod.	2.60
29 Ret. Over Listed Costs Per Unit	.19
30 Breakeven Yield	28.52
31 Total Listed Costs Per Acre	79.56
32 Other Possible Costs Not Lited	-----
33 Utilities & Other G. F. Exp.	-----
34 Interest Allocation	-----
35 Other Costs Not Listed	-----
36 Total costs	-----

* Does not include interest on investment in irrigation equipment or land.

Table 10 .- 0085 CROP DATA FOR FLAX - 1976

Item	Average Yield of 25 Farms	12 Farms High In Yield	12 Farms Low In Yield
1 Acres	28.9	34.0	24.1
2 Yield	5.5	8.1	2.0
3 Value Per Production Unit	6.66	7.18	6.10
4 Crop Product Return	36.64	58.29	11.91
5 Other Crop Income	1.00	.74	1.45
6 Total Crop Return	37.64	59.03	13.36
7 Supplemental Costs			
8 Fertilizer	.52	.09	1.21
9 Chemicals	1.11	1.18	.96
10 Seed & Other	9.13	9.62	8.37
11 Special Hired Labor	.03		.13
12 Custom Work Hired	2.74	1.68	3.56
13 Irrigation Operation			
14 Total Supplemental Costs	13.53	12.57	14.23
15 Return Over Supplemental Costs	24.11	46.46	(-.87)
16 Allocated Costs			
17 Farm Power & Machinery - Ownership	7.01	6.36	9.18
18 Farm Power & Machinery - Operation	9.30	9.44	8.29
19 Irrigation Equipment - Ownership			
20 Land Costs	26.08	25.50	24.67
21 Miscellaneous Costs	.49	.32	.79
22 *Interest on Mach. & Equip. Investment	2.09	1.62	2.82
23 Total Allocated Costs	44.97	43.24	45.75
24 Return Over All Listed Costs	(-20.86)	3.22	(-46.62)
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.28	.30	.25
27 Power Costs Allocation Factor	.92	1.00	.83
28 Total Listed Cost Per Unit of Prod.	10.60	6.87	30.49
29 Return Over Listed Costs Per Unit	(-3.75)	.40	(-23.64)
30 Breakeven Yield	8.84	7.77	10.00
31 Total Listed Costs Per Acre	58.50	55.81	59.98
32 Other Possible Costs Not Listed			
33 Utilities & Other Gen. Farm Exp.	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

* Does Not Include Interest on Investment In Irrigation Equipment or Land

Table 10.- 0105 CROP DATA FOR OATS, FEED - 1976

Item	Average Yield of 324 Farms	162 Farms High In Yield	162 Farms Low In Yield
1 Acres	37.4	33.3	41.5
2 Yield	39.9	57.2	26.1
3 Value Per Production Unit	1.48	1.43	1.53
4 Crop Product Return	59.12	81.86	39.88
5 Other Crop Income	4.84	6.10	3.83
6 Total Crop Return	63.96	87.96	43.71
7 Supplemental Costs			
8 Fertilizer	7.83	7.66	7.98
9 Chemicals	1.04	.69	1.35
10 Seed & Other	5.64	5.86	5.47
11 Special Hired Labor	.03		.02
12 Custom Work Hired	2.49	2.76	2.29
13 Irrigation Operation			
14 Total Supplemental Costs	17.03	16.97	17.11
15 Return Over Supplemental Costs	46.93	70.99	26.60
16 Allocated Costs			
17 Farm Power & Machinery-Ownership	8.49	8.87	8.19
18 Farm Power & Machinery-Operation	8.76	9.15	8.44
19 Irrigation Equipment-Ownership			
20 Land Costs	40.72	42.62	38.81
21 Miscellaneous Costs	.05	.06	.05
22 *Interest on Mach. & Equip. Investment	2.41	2.75	2.13
23 Total Allocated Costs	60.43	63.45	57.62
24 Return Over All Listed Costs	(-13.50)	7.54	(-31.02)
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.30	.30	.30
27 Power Costs Allocation Factor	.99	.98	.99
28 Total Listed Cost Per Unit of Production	1.94	1.41	2.87
29 Return Over Listed Costs Per Unit	(-.34)	.13	(-1.19)
30 Breakeven Yield	52.34	56.24	48.84
31 Total Listed Costs Per Acre	77.46	80.42	74.73
32 Other Possible Costs Not Listed			
33 Utilities & Other General Farm Exp.	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

*Does Not include interest on investment in irrigation equipment or land

TABLE 10-0120 - CROP DATA FOR RYE -1976

Item	Average Yield of Farms
1 Acres	32.3
2 Yield	21.7
3 Value Per Production Unit	2.75
4 Crop Product Return	59.69
5 Other Crop Income	4.18
6 Total Crop Return	63.87
7 Supplemental Costs	
8 Fertilizer	5.11
9 Chemicals	
10 Seed & Other	3.03
11 Special Hired Labor	
12 Custom Work Hired	
13 Irrigation Operation	
14 Total Supplemental Costs	8.14
15 Return Over Supplemental Costs	55.73
16 Allocated Costs	
17 Farm Power & Mach.-Ownership	9.31
18 Farm Power & Mach.-Operation	9.47
19 Irrigation	
20 Land Costs	30.00
21 Miscellaneous Costs	
22 * Interest on Mach.&Equip. Inv.	2.59
23 Total Allocated Costs	51.37
24 Return Over All Listed Costs	4.36
25 Supplementary Management Information	
26 Work Units Assigned Per Acre	.30
27 Power Costs Allocation Factor	1.00
28 Total Listed Cost Per Unit of Prod.	2.74
29 Return Over Listed Costs Per Unit	.20
30 Breakeven Yield	21.64
31 Total Listed Costs Per Acre	59.51
32 Other Possible Costs Not Listed	
33 Utilities & Other G. F. Exp.	-----
34 Interest Allocation	-----
35 Other Costs Not Listed	-----
36 Total Costs	-----

* Does Not include interest on investment in irrigation equipment or land.

Table 10 - 0195 CROP DATA FOR WHEAT, SPRING -1976

Item	Average Yield of 309 Farms	154 Farms High In Yield	154 Farms Low In Yield
1 Acres	82.2	71.5	93.2
2 Yield	29.8	40.8	21.4
3 Value Per Production Unit	3.49	3.53	3.46
4 Crop Product Return	104.10	143.96	74.14
5 Other Crop Income	2.02	3.33	.99
6 Total Crop Return	106.12	147.29	75.13
7 Supplemental Costs			
8 Fertilizer	15.60	17.33	14.25
9 Chemcials	1.14	1.36	.99
10 Seed & Other	9.62	10.84	8.67
11 Special Hired Labor	.18	.24	.13
12 Custom Work Hired	1.73	2.15	1.41
13 Irrigation Operation			
14 Total Supplemental Costs	28.27	31.92	25.45
15 Return Over Supplemental Costs	77.85	115.37	49.68
16 Allocated Costs			
17 Farm Power & Machinery - Ownership	8.98	10.26	8.01
18 Farm Power & Machinery - Operation	8.05	8.18	7.95
19 Irrigation Equipment - Ownership			
20 Land Costs	45.12	49.87	40.38
21 Miscellaneous Costs	.21	.11	.29
22 *Interest on Mach. & Equip. Invest.	2.51	2.88	2.23
23 Total Allocated Costs	64.87	71.30	58.86
24 Return Over All Listed Costs	12.98	44.07	(-9.18)
25 Supplementary Managment Information			
26 Work Units Assigned Per Acre	.30	.30	.30
27 Power Costs Allocation Factor	.99	.99	1.00
28 Total Listed Cost Per Unit of Prod.	3.12	2.53	3.93
29 Return Over Listed Costs Per Unit	.44	1.08	(-.43)
30 Breakeven Yield	26.69	29.24	24.37
31 Total Listed Costs Per Acre	93.14	103.22	84.31
32 Other Possible Costs Not Listed			
33 Utilities & Other General Farm Exp.	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

*Does Not Include Interest on Investment in Irrigation Equipment or Land.

Table 10 - 0200 CROP DATA FOR WINTER WHEAT -1976

Item	Average Yield of 63 Farms	31 Farms High In Yield	31 Farms Low In Yield
1 Acres	33.4	36.5	30.4
2 Yield	20.2	27.8	11.1
3 Value Per Production Unit	3.44	3.45	3.42
4 Crop Product Return	96.43	96.03	38.03
5 Other Crop Income	2.16	2.82	1.32
6 Total Crop Return	71.59	98.85	39.35
7 Supplemental Costs			
8 Fertilizer	12.90	14.85	10.95
9 Chemicals	.33	.38	.26
10 Seed & Other	7.04	6.79	7.53
11 Special Hired Labor			
12 Custom Work Hired	1.53	1.23	1.91
13 Irrigation Operation			
14 Total Supplemental Costs	21.80	23.25	20.65
15 Return Over Supplemental Costs	49.79	75.60	18.70
16 Allocated Costs			
17 Farm Power & Machinery - Ownership	8.74	8.11	9.63
18 Farm Power & Machinery - Operation	8.15	8.69	7.62
19 Irrigation Equipment - Ownership			
20 Land Costs	37.22	42.23	32.45
21 Miscellaneous Costs	.12	.19	.07
22 *Interest on Mach. & Equip. Invest.	2.47	2.10	2.92
23 Total Allocated Costs	56.70	61.32	52.69
24 Return Over All Listed Costs	(-6.91)	14.28	(-33.99)
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.30	.30	.30
27 Power Costs Allocation Factor	.99	.99	1.00
28 Total Listed Cost Per Unit of Prod.	3.89	3.04	6.60
29 Return Over Listed Costs Per Unit	(-.34)	.51	(-3.06)
30 Breakeven Yield	22.82	24.51	21.44
31 Total Listed Costs Per Acre	78.50	84.57	73.34
32 Other Possible Costs Not Listed			
33 Utilities & Other General Farm Exp.	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

*Does Not Include Interest on Investment in Irrigation Equipment or Land.

TABLE 10-0235 - CROP DATA FOR BEANS, NAVY

Item	Average Yield of Farms	Farms High In Yield	Farms Low In Yield
1 Acres	26.4	10.1	42.6
2 Yield	9.1	26.9	4.9
3 Value Per Production Unit	11.92	12.55	11.29
4 Crop Product Return	107.92	338.02	54.86
5 Other Crop Income			
6 Total Crop Return	107.92	338.02	54.86
7 Supplemental Costs			
8 Fertilizer	8.26	5.05	9.06
9 Chemicals	5.72	5.94	5.68
10 Seed & Other	20.38	11.09	22.61
11 Special Hired Labor	.76		.94
12 Custom Work Hired	2.99	15.25	.07
13 Irrigation Operation	.53	2.77	
14 Total Supplemental Costs	38.64	40.10	38.36
15 Return Over Supplemental Costs	69.28	297.92	16.50
16 Allocated Costs			
17 Farm Power & Mach.-Ownership	17.83	27.85	15.50
18 Farm Power & Mach.-Operation	12.58	15.77	11.85
19 Irrigation Equip-Ownership	.80	4.26	
20 Land Costs	45.63	38.75	52.50
21 Miscellaneous Costs			
22 * Interest on Mach.&Equip. Inv.	5.32	7.51	4.82
23 Total Allocated Costs	82.16	94.14	84.67
24 Return Over All Listed Costs	-12.88	203.78	-68.17
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.50	.50	.50
27 Power Costs Allocation Factor	1.00	1.00	1.00
28 Total Listed Cost Per Unit Prod.	13.35	4.98	25.32
29 Return Over Listed Costs Per Unit	-1.43	7.57	-14.03
30 Breakeven Yield	10.13	10.70	10.90
31 Total Listed Costs Per Acre	120.80	134.24	123.03
32 Other Possible Costs Not Listed			
33 Utilities & Other G. F. Exp.	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

* Does Not include interest on investment in irrigation equipment or land.

Table 10 - 0240 CROP DATA FOR BEANS, PINTO -1976

Item	Average	High Yield	Low Yield
1 Acres	32.8	47.0	19.5
2 Yield	10.8	46.7	4.1
3 Value Per Production Unit	11.71	6.00	9.33
4 Crop Product Return	126.46	280.34	38.26
5 Other Crop Income			
6 Total Crop Return	126.46	280.34	38.26
7 Supplemental Costs			
8 Fertilizer	3.93	4.26	
9 Chemcials	9.05	8.94	9.69
10 Seed & Other	13.90	12.77	12.10
11 Special Hired Labor			
12 Custom Work Hired	3.41	5.51	
13 Irrigation Operation			
14 Total Supplemental Costs	30.29	31.48	21.79
15 Return Over Supplemental Costs	96.17	248.86	16.47
16 Allocated Costs			
17 Farm Power & Machinery-Ownership	16.39	19.29	10.08
18 Farm Power & Machinery-Operation	13.30	14.58	11.25
19 Irrigation Equipment-Ownership			
20 Land Costs	54.29	58.33	55.00
21 Miscellaneous Costs			
22 *Interest on Mach. & Equip. Investment	5.01	4.97	4.51
23 Total Allocated Costs	88.99	97.17	80.84
24 Return Over All Listed Costs	7.18	151.69	(-64.37)
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.50	.50	.50
27 Power Costs Allocation Factor	1.00	1.00	1.00
28 Total Listed Cost Per Unit of Prod.	3.88	2.75	25.03
29 Return Over Listed Costs Per Unit	2.83	3.25	(-15.70)
30 Breakeven Yield	10.18	21.44	11.00
31 Total Listed Costs Per Acre	119.28	128.65	102.63
32 Other Possible Costs Not Listed			
33 Utilities & Other Gen. Farm Expense	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

*Does Not Include Interest on Investment in Irrigation Equipment or Land.

TABLE 10-0260 - CROP DATA FOR CANNING CORN - 1976

Item	Average Yield of 17 Farms	8 Farms High In Yield	8 Farms Low In Yield
1 Acres	40.9	34.6	46.6
2 Yield	68.53	71.45	67.17
3 Value Per Production Unit	1.00	1.00	1.00
4 Crop Product Return	68.53	71.45	67.17
5 Other Crop Income			
6 Total Crop Return	68.53	71.45	67.17
7 Supplemental Costs			
8 Fertilizer	23.42	21.21	27.94
9 Chemicals	4.06	3.73	4.81
10 Seed & Other	1.15	1.42	1.07
11 Special Hired Labor			
12 Custom Work Hired	1.52	1.73	1.52
13 Irrigation Operation			
14 Total Supplemental Costs	30.15	28.09	35.34
15 Return Over Supplemental Costs	39.90	43.36	31.83
16 Allocated Costs			
17 Farm Power & Mach.-Ownership	16.56	18.53	16.76
18 Farm Power & Machinery-Opera.	15.13	18.32	12.82
19 Irrigation Equ.-Ownership			
20 Land Costs	55.71	62.75	50.00
21 Miscellaneous Costs			
22 * Interest on Mach. & Equip. Inv.	4.81	5.12	5.07
23 Total Allocated Costs	92.21	104.72	84.65
24 Return Over All Listed Costs	-52.31	-61.36	-52.82
25 Supplementary Management information			
26 Work Units Assigned Per Acre	.50	.50	.50
27 Power Costs Allocation Factor	1.00	1.00	1.00
28 Total Listed Cost Per Unit Prod.	1.79	1.86	1.79
29 Return Over Listed Costs Per Unit	-.76	-.86	-.78
30 Breakeven Yield	122.36	132.81	119.99
31 Total Listed Costs Per Acre	122.36	132.81	119.99
32 Other Possibel Costs Not Listed	-----	-----	-----
33 Utilities & Other F. F. Exp	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs			

* Does not include interest on investment in irrigation equipment or land.

Table 10. - 0275 CROP DATA FOR CORN FOR GRAIN -1976

Item	Average Yield of 519 Farms	259 Farms High In Yield	259 Farms Low In Yield
1 Acres	102.3	117.1	87.6
2 Yield	44.4	60.1	23.4
3 Value Per Production Unit	2.42	2.42	2.43
4 Crop Product Return	107.42	145.39	56.95
5 Other Crop Income	11.13	3.17	21.82
6 Total Crop Return	118.55	148.56	78.77
7 Supplemental Costs			
8 Fertilizer	28.46	31.49	24.38
9 Chemicals	8.44	9.40	7.15
10 Seed & Other	12.34	13.78	10.41
11 Special Hired Labor	.07	.05	.09
12 Custom Work Hired	2.11	2.54	1.55
13 Irrigation Operation	.01		.02
14 Total Supplemental Costs	51.43	57.26	43.60
15 Return Over Supplemental Costs	67.12	91.30	35.17
16 Allocated Costs			
17 Farm Power & Machinery-Ownership	16.60	17.23	15.72
18 Farm Power & Machinery-Operation	15.04	15.73	14.11
19 Irrigation Equipment-Ownership			
20 Land Costs	44.03	47.31	40.71
21 Miscellaneous Costs	.50	.36	.67
22 *Interest on Mach. & Equip. Investment	4.98	5.39	4.43
23 Total Allocated Costs	81.15	86.02	75.64
24 Return Over All Listed Costs	(-14.03)	5.28	(-40.47)
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.55	.55	.55
27 Power Costs Allocation Factor	1.00	.99	1.00
28 Total Listed Cost Per Unit of Prod.	2.99	2.38	5.09
29 Return Over Listed Costs Per Unit	(-.32)	.09	(-1.73)
30 Breakeven Yield	54.79	59.21	49.07
31 Total Listed Costs Per Acre	132.58	143.28	119.24
32 Other Possible Costs Not Listed			
33 Utilities & Other General Farm Expenses	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

*Does Not Include Interest on Investment in Irrigation Equipment or Land.

TABLE 10-0335 - CROP DATA FOR SOYBEANS - 1976

Item	Average Yield of 346 Farms	173 Farms High In Yield	173 Farms Low In Yield
1 Acres	72.6	75.0	70.3
2 Yield	16.0	22.4	9.2
3 Value Per Production Unit	5.66	5.61	5.72
4 Crop Product Return	90.74	125.59	52.80
5 Other Crop Income	2.92	.59	5.41
6 Total Crop Return	93.66	126.18	58.21
7 Supplemental Costs			
8 Fertilizer	1.68	1.55	1.81
9 Chemicals	6.72	7.43	5.96
10 Seed & Other	7.37	7.77	6.91
11 Special Hired Labor	.32	.44	.18
12 Custom Work Hired	1.18	1.28	1.08
13 Irrigation Operation			
14 Total Supplemental Costs	17.27	18.47	15.94
15 Return Over Supplemental Costs	76.39	107.71	42.27
16 Allocated Costs			
17 Farm Power & Mach.-Ownership	13.77	14.28	13.21
18 Farm Power & Mach.-Operation	12.05	12.99	11.04
19 Irrigation Equip.-Ownership			
20 Land Cost	46.13	50.07	42.19
21 Miscellaneous Costs	.58	.60	.54
22 * Interest on Mach&Eq. Inv.	3.90	4.38	3.38
23 Total Allocated Costs	76.43	82.32	70.36
24 Return Over All Listed Costs	-.04	25.39	-28.09
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.45	.45	.45
27 Power Costs Allocation Factor	1.00	1.00	.99
28 Total Listed Cost Per Unit Prod	5.84	4.50	9.35
29 Return Over Listed Costs Per U.		1.13	-3.04
30 Breakeven Yield	16.55	17.97	15.11
31 Total Listed Costs Per Acre	93.70	100.79	86.30
32 Other Possible Costs Not Listed			
33 Utilities & Other G. F. Exp.	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

* Does Not include interest on investment in irrigation equipment or land.

Table 10 - 0340 CROP DATA FOR SUGARBEETS -1976

Item	Average Yield of 24 Farms	12 Farms High In Yield	12 Farms Low In Yield
1 Acres	148.6	148.6	148.6
2 Yield	9.5	12.7	6.3
3 Value Per Production Unit	17.23	18.45	16.01
4 Crop Product Return	163.72	233.54	101.49
5 Other Crop Income			
6 Total Crop Return	163.72	233.54	101.49
7 Supplemental Costs			
8 Fertilizer	46.42	41.02	51.83
9 Chemicals	13.95	12.93	14.96
10 Seed & Other	13.92	11.78	16.06
11 Special Hired Labor	37.66	43.55	31.76
12 Custom Work Hired	6.19	9.33	3.05
13 Irrigation Operation			
14 Total Supplemental Costs	118.14	118.61	117.66
15 Return Over Supplemental Costs	45.58	114.93	(-16.17)
16 Allocated Costs			
17 Farm Power & Machinery-Ownership	49.22	36.41	62.03
18 Farm Power & Machinery-Operation	37.91	42.70	33.12
19 Irrigation Equipment-Ownership			
20 Land Costs	56.88	56.67	57.08
21 Miscellaneous Costs	.18	.36	
22 *Interest on Mach. & Equip. Investment	14.82	13.02	16.61
23 Total Allocated Costs	159.01	149.16	168.84
24 Return Over All Listed Costs	(-113.43)	(-34.23)	(-185.01)
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	2.00	2.00	2.00
27 Power Costs Allocation Factor	1.01	.98	1.04
28 Total Listed Cost Per Unit of Prod.	29.17	21.15	45.19
29 Return Over Listed Costs Per Unit	(-11.94)	(-2.70)	(-29.18)
30 Breakeven Yield	16.09	14.51	17.90
31 Total Listed Costs Per Acre	277.15	267.77	286.50
32 Other Possible Costs Not Listed			
33 Utilities & Other General Farm Expenses	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

*Does Not Include Interest on Investment in Irrigation Equipment or Land.

Table 10 - 0350 CROP DATA FOR SUNFLOWERS -1976

Item	Average Yield of 15 Farms	7 Farms High In Yield	7 Farms Low In Yield
1 Acres	98.6	82.4	117.6
2 Yield	10.6	15.5	7.0
3 Value Per Production Unit	10.64	11.97	9.25
4 Crop Product Return	113.09	185.80	65.05
5 Other Crop Income	3.27		5.87
6 Total Crop Return	116.36	185.80	70.92
7 Supplemental Costs			
8 Fertilizer	11.16	10.52	12.66
9 Chemicals	5.65	6.52	4.92
10 Seed & Other	8.16	7.86	8.44
11 Special Hired Labor			
12 Custom Work Hired	1.20		2.14
13 Irrigation Operation			
14 Total Supplemental Costs	26.17	24.90	28.16
15 Return Over Supplemental Costs	90.19	160.90	42.76
16 Allocated Costs			
17 Farm Power & Machinery - Ownership	16.47	18.81	14.22
18 Farm Power & Machinery - Operation	11.86	11.75	11.68
19 Irrigation Equipment - Ownership			
20 Land Costs	43.47	45.71	41.00
21 Miscellaneous Costs	.66	1.69	
22 *Interest on Mach. & Equip. Investment	4.12	4.39	3.62
23 Total Allocated Costs	76.58	82.35	70.52
24 Return Over All Listed Costs	13.61	78.55	(-27.76)
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.55	.55	.55
27 Power Costs Allocation Factor	1.00	1.00	1.00
28 Total Listed Cost Per Unit of Prod.	9.67	6.91	14.04
29 Return Over Listed Costs Per Unit	1.28	5.06	(-3.95)
30 Breakeven Yield	9.66	8.96	10.67
31 Total Listed Costs Per Acre	102.75	107.25	98.68
32 Other Possible Costs Not Listed			
33 Utilities & Other General Farm Exp.	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

*Does Not Include Interest on Investment in Irrigation Equipment or Land

TABLE 10-0365 - CROP DATA FOR CANNING PEAS -1976

Item	Average Yield of 15 Farms	7 Farms High In Yield	7 Farms Low In Yield
1 Acres	25.2	24.0	25.6
2 Yield	81.71	87.00	84.02
3 Value Per Production Unit	1.00	1.00	1.00
4 Crop Product Return	81.71	87.00	84.02
5 Other Crop Income	5.91	4.38	8.36
6 Total Crop Return	87.62	91.38	92.38
7 Supplemental Costs			
8 Fertilizer	7.94	6.21	10.90
9 Chemicals	.95	.71	1.33
10 Seed & Other	1.23	1.46	
11 Special Hired Labor			
12 Custom Work Hired	.04		.04
13 Irrigation Operation			
14 Total Supplemental Costs	10.16	8.38	12.27
15 Return Over Supplemental Costs	77.46	83.00	80.11
16 Allocated Costs			
17 Farm Power & Mach.-Ownership	10.68	12.00	9.94
18 Farm Power & Mach-Operation	12.04	10.91	12.87
19 Irrigation Equip.-Ownership			
20 Land Costs	51.47	47.86	52.29
21 Miscellaneous Costs			
22 * Interest on Mach. & Equ. Inv.	3.36	3.55	3.10
23 Total Allocated Costs	77.55	74.32	78.20
24 Return Over All Listed Costs	-.09	8.68	1.91
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.40	.40	.40
27 Power Costs Allocated Factor	.97	.93	1.00
28 Total Listed Cost Per Unit Prod.	1.07	.95	1.08
29 Return Over Listed Costs Per U.		.10	.02
30 Breakeven Yield	87.71	82.70	90.47
31 Total Listed Costs Per Acre	87.71	82.70	90.47
32 Other Possible Costs Not Listed			
33 Utilities & Other General F. E.-----	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

* Does not include interest on investment in irrigation equipment or land.

Table 10 - 0400 CROP DATA FOR ALFALFA HAY -1976

Item	Average Yield of 297 Farms	148 Farms High In Yield	148 Farms Low In Yield
1 Acres	34.5	33.2	36.0
2 Yield	1.9	2.9	1.0
3 Value Per Production Unit	59.85	60.01	59.69
4 Crop Product Return	116.23	175.33	61.36
5 Other Crop Income	.78	.36	1.17
6 Total Crop Return	117.01	175.69	62.53
7 Supplemental Costs			
8 Fertilizer	7.86	9.67	6.24
9 Chemicals	.09	.21	
10 Seed & Other	5.91	7.23	4.68
11 Special Hired Labor	.17	.24	.11
12 Custom Work Hired	1.94	2.56	1.39
13 Irrigation Operation	.03		.03
14 Total Supplemental Costs	16.00	19.91	12.45
15 Return Over Supplemental Costs	101.01	155.78	50.08
16 Allocated Costs			
17 Farm Power & Machinery - Ownership	14.57	16.44	12.79
18 Farm Power & Machinery - Operation	17.84	16.79	18.73
19 Irrigation Equipment - Ownership			
20 Land Costs	38.79	42.45	35.24
21 Miscellaneous Costs	.12	.09	.14
22 *Interest on Mach. & Equip. Investment	4.64	5.25	4.09
23 Total Allocated Costs	75.96	81.02	70.99
24 Return Over All Listed Costs	25.05	74.76	(-20.91)
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.59	.60	.59
27 Power Costs Allocation Factor	.96	.95	.96
28 Total Listed Cost Per Unit of Prod.	47.34	34.54	80.95
29 Return Over Listed Costs Per Unit	12.91	25.60	(-20.11)
30 Breakeven Yield	1.55	1.68	1.43
31 Total Listed Costs Per Acre	91.96	100.93	83.44
32 Other Possible Costs Not Listed			
33 Utilities & Other General Farm Expenses	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

*Does Not Include Interest on Investment in Irrigation Equipment or Land.

TABLE 10-0515 - CROP DATA FOR OTHER TILLABLE GRASS HAY - 1976

Item	Average Yield of 17 Farms	8 Farms High In Yield	8 Farms Low In Yield
1 Acres	18.6	12.8	26.3
2 Yield	1.0	2.0	.4
3 Value Per Production Unit	37.12	42.50	31.38
4 Crop Product Return	35.91	86.33	13.12
5 Other Crop Income	.27		.38
6 Total Crop Return	36.18	86.33	13.50
7 Supplemental Costs			
8 Fertilizer	.59		.88
9 Chemicals	.05	.16	
10 Seed & Other	1.83	2.89	1.34
11 Special Hired Labor			
12 Custom Work Hired			
13 Irrigation Operation			
14 Total Supplemental Cost	2.47	3.05	2.22
15 Return Over Supplemental Costs	33.71	83.28	11.28
16 Allocated Costs			
17 Farm Power & Mach.-Ownership	7.19	5.72	8.00
18 Farm Power U Mach.-Operation	10.18	11.52	9.54
19 Irrigation Equip-Ownership			
20 Land Costs	24.65	34.50	16.88
21 Miscellaneous Costs	.11		.04
22 * Interest on Mach.Equip. Inv.	2.05	2.05	2.08
23 Total Allocated Costs	44.18	53.79	36.54
24 Return Over All Listed Costs	-10.47	29.49	-25.26
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.28	.30	.26
27 Power Costs Allocation Factor	.88	1.00	.75
28 Total Listed Costs Per Unit Prod	48.17	27.96	92.36
29 Return Over Listed Costs Per Unit	-10.78	14.54	-60.09
30 Breakeven Yield	1.26	1.34	1.24
31 Total Listed Costs Per Acre	46.65	56.84	38.76
32 Other Possible Costs Not Listed	-----	-----	-----
33 Utilities & Other G. F. Exp	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

* Does not include interest on investment in irrigation equipment or land.

TABLE 10-0545 - CROP DATA FOR GRAIN SILAGE - 1976

Item	Average Yield of 37 Farms	18 Farms High In Yield	18 Farms Low In Yield
1 Acres	25.1	21.6	29.1
2 Yield	2.5	4.4	1.2
3 Value Per Production Unit	19.30	18.50	20.06
4 Crop Product Return	49.20	80.51	24.81
5 Other Crop Income	1.31		2.34
6 Total Crop Return	50.51	80.51	27.15
7 Supplemental Costs			
8 Fertilizer	7.13	9.03	5.95
9 Chemicals	.72	1.30	.34
10 Seed & Other	6.29	5.51	6.56
11 Special Hired Labor	.16		.31
12 Custom Work Hired	2.35	2.78	1.89
13 Irrigation Operation			
14 Total Supplemental Costs	16.65	18.62	15.05
15 Return Over Supplemental Cost	33.86	61.89	12.10
16 Allocated Costs			
17 Farm Power & Mach.-Ownership	13.06	11.91	14.01
18 Farm Power & Mach.-Operation	11.47	13.18	10.22
19 Irrigation Equip-Ownership			
20 Land Costs	37.84	44.00	31.56
21 Miscellaneous Costs			
22 * Interest on Mach. & Eq. Inv.	3.18	3.39	3.00
23 Total Allocated Costs	65.55	72.48	58.79
24 Return Over All Listed Costs	-31.69	-10.59	-46.69
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.40	.40	.40
27 Power Costs Allocation Factor	.99	.99	.99
28 Totl Listed Cost Per Unit Prod.	32.25	20.93	59.67
29 Return Over Listed Costs Per Un.	-12.44	-2.43	-37.72
30 Breakeven Yield	4.26	4.92	3.68
31 Total Listed Costs Per Acre	82.20	91.10	73.84
32 Other Possible Costs Not Listed			
33 Utilities & Other G. F. Exp.	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

* Does not include interest on investment in irrigation equipment or land.

Table 10 - 0550 CROP DATA FOR CORN & SORGHUM SILAGE -1976

Item	Average Yield of 241 Farms	120 Farms High In Yield	120 Farms Low In Yield
1 Acres	47.4	37.0	58.1
2 Yield	7.2	11.9	4.2
3 Value Per Production Unit	17.91	17.71	18.12
4 Crop Product Return	128.84	210.14	76.09
5 Other Crop Income	6.31	.22	10.21
6 Total Crop Return	135.15	210.36	86.30
7 Supplemental Costs			
8 Fertilizer	20.42	25.14	17.47
9 Chemicals	7.30	8.68	6.42
10 Seed & Other	9.58	10.14	9.23
11 Special Hired Labor	.19	.22	.17
12 Custom Work Hired	2.68	4.14	1.76
13 Irrigation Operation			
14 Total Supplemental Costs	40.17	48.32	35.05
15 Return Over Supplemental Costs	94.98	162.04	51.25
16 Allocated Costs			
17 Farm Power & Machinery - Ownership	15.44	19.14	13.10
18 Farm Power & Machinery - Operation	16.76	17.15	16.51
19 Irrigation Equipment - Ownership			
20 Land Costs	39.30	42.45	36.14
21 Miscellaneous Costs	.27	.16	.36
22 *Interest on Mach. & Equip. Investment	4.66	5.56	4.08
23 Total Allocated Costs	76.43	84.46	70.19
24 Return Over All Listed Costs	18.55	77.58	(-18.94)
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.60	.60	.60
27 Power Costs Allocation Factor	.98	.97	1.00
28 Total Listed Cost Per Unit of Prod.	16.21	11.19	25.06
29 Return Over Listed Costs Per Unit	2.58	6.54	(-4.51)
30 Breakeven Yield	6.51	7.50	5.81
31 Total Listed Costs Per Acre	116.60	132.78	105.24
32 Other Possible Costs Not Listed			
33 Utilities & Other General Farm Expense	_____	_____	_____
34 Interest Allocation	_____	_____	_____
35 Other Costs Not Listed	_____	_____	_____
36 Total Costs	_____	_____	_____

*Does Not Include Interest on Investment in Irrigation Equipment or Land.

Table 10 - 0575 CROP DATA FOR TILLABLE GRASS PASTURE -1976

Item	Average Yield of 24 Farms	12 Farms High In Yield	12 Farms Low In Yield
1 Acres	21.9	24.9	18.9
2 Yield	25.43	31.73	17.20
3 Value Per Production Unit	1.00	1.00	1.00
4 Crop Product Return	25.43	31.73	17.20
5 Other Crop Income			
6 Total Crop Return	25.43	31.73	17.20
7 Supplemental Costs			
8 Fertilizer	.95	1.71	
9 Chemicals			
10 Seed & Other	.50	.14	..93
11 Special Hired Labor			
12 Custom Work Hired		.05	
13 Irrigation Operation			
14 Total Supplemental Costs	1.45	1.90	.93
15 Return Over Supplemental Costs	23.98	29.83	16.27
16 Allocated Costs			
17 Farm Power & Machinery - Ownership	.60	.01	1.29
18 Farm Power & Machinery - Operation	1.43	1.49	1.36
19 Irrigation Equipment - Ownership			
20 Land Costs	29.54	29.50	29.58
21 Miscellaneous Costs			
22 *Interest on Mach. & Equip. Investment	.38	.42	.32
23 Total Allocated Costs	31.95	31.42	32.55
24 Return Over All Listed Costs	(-7.97)	(-1.59)	(-16.28)
25 Supplementary Management Information			
26 Work Units Assigned Per Acre	.04	.04	.04
27 Power Costs Allocation Factor	.92	.92	.92
28 Total Listed Cost Per Unit of Prod.	1.34	1.05	1.98
29 Return Over Listed Costs Per Unit	(-.22)	.10	(-.93)
30 Breakeven Yield	36.30	36.22	36.39
31 Total Listed Costs Per Acre	33.40	33.32	33.48
32 Other Possible Costs Not Listed			
33 Utilities & Other General Farm Expenses	-----	-----	-----
34 Interest Allocation	-----	-----	-----
35 Other Costs Not Listed	-----	-----	-----
36 Total Costs	-----	-----	-----

*Does Not Include Interest on Investment in Irrigation Equipment or Land.

TABLE 10-3275 - CROP DATA FOR CORN FOR GRAIN - IRRIGATED

Item	Average Yield of Farms
1 Acres	44.8
2 Yield	100.8
3 Value Per Production Unit	2.45
4 Crop Product Return	246.92
5 Other Crop Income	1.67
6 Total Crop Return	248.59
7 Supplemental Costs	
8 Fertilizer	34.87
9 Chemicals	9.64
10 Seed & Other	14.08
11 Special Hired Labor	
12 Custom Work Hired	17.57
13 Irrigation Operation	11.16
14 Total Supplemental Costs	87.32
15 Return Over Supplemental Costs	161.27
16 Allocated Costs	
17 Farm Power & Mach.-Ownership	66.03
18 Farm Power & Mach.-Operation	21.12
19 Irrigation Equipment-Ownership	29.62
20 Land Costs	31.75
21 Miscellaneous Costs	
22 * Interest on Mach. & Equip. Investment	7.64
23 Total Allocated Costs	156.16
24 Return Over All Listed Costs	5.11
25 Supplementary Management Information	
26 Work Units Assigned per Acre	.65
27 Power Costs Allocation Factor	1.00
28 Total Listed Cost Per Unit of Production	2.42
29 Return Over Listed Costs Per Unit	.05
30 Breakeven Yield	99.38
31 Total Listed Costs Per Acre	243.48
32 Other Possible Costs Not Listed	
33 Utilities & Other General Farm Expenses	-----
34 Interest Allocation	-----
35 Other Costs Not Listed	-----
36 Total Costs	-----

* Does Not include interest on investment in irrigation equipment or land.

Table 10 - 3400 CROP DATA FOR ALFALFA HAY--IRRIGATED -1976

Item	Average
1 Acres	35.1
2 Yield	2.9
3 Value Per Production Unit	60.00
4 Crop Product Return	174.36
5 Other Crop Income	1.57
6 Total Crop Return	175.93
7 Supplemental Costs	
8 Fertilizer	18.35
9 Chemicals	
10 Seed & Other	7.75
11 Special Hired Labor	
12 Custom Work Hired	3.02
13 Irrigation Operation	7.64
14 Total Supplemental Costs	36.76
15 Return Over Supplemental Costs	139.17
16 Allocated Costs	
17 Farm Power & Machinery - Ownership	46.63
18 Farm Power & Machinery - Operation	20.27
19 Irrigation Equipment - Ownership	33.70
20 Land Costs	29.00
21 Miscellaneous Costs	
22 *Interest on Mach. & Equipment Investment	5.71
23 Total Allocated Costs	134.31
24 Return Over All Listed Costs	4.86
25 Supplementary Management Information	
26 Work Units Assigned Per Acre	.80
27 Power Costs Allocation Factor	.88
28 Total Listed Cost Per Unit of Production	58.87
29 Return Over Listed Costs Per Unit	1.67
30 Breakeven Yield	2.85
31 Total Listed Costs Per Acre	171.07
32 Other Possible Costs Not Listed	
33 Utilities & Other General Farm Expenses	-----
34 Interest Allocation	-----
35 Other Costs Not Listed	-----
36 Total Costs	-----

*Does Not Include Interest on Investment in Irrigation Equipment or Land.

Table 10 - 3550 CROP DATA FOR CORN & SORGHUM SILAGE--IRRIGATED -1976

Item	Average
1 Acres	28.3
2 Yield	11.1
3 Value Per Production Unit	18.00
4 Crop Product Return	200.35
5 Other Crop Income	
6 Total Crop Return	200.35
7 Supplemental Costs	
8 Fertilizer	18.48
9 Chemicals	5.34
10 Seed & Other	7.42
11 Special Hired Labor	
12 Custom Work Hired	4.06
13 Irrigation Operation	3.67
14 Total Supplemental Costs	38.97
15 Return Over Supplemental Costs	161.38
16 Allocated Costs	
17 Farm Power & Machinery - Ownership	11.36
18 Farm Power & Machinery - Operation	25.10
19 Irrigation Equipment - Ownership	18.48
20 Land Costs	12.50
21 Miscellaneous Costs	.11
22 *Interest on Machinery & Equipment Investment	3.84
23 Total Allocated Costs	71.39
24 Return Over All Listed Costs	89.99
25 Supplementary Management Information	
26 Work Units Assigned Per Acre	.80
27 Power Costs Allocation Factor	1.00
28 Total Listed Cost Per Unit of Production	9.92
29 Return Over Listed Costs Per Unit	8.08
30 Breakeven Yield	6.13
31 Total Listed Costs Per Acre	110.36
32 Other Possible Costs Not Listed	
33 Utilities & Other General Farm Expenses	-----
34 Interest Allocation	-----
35 Other Costs Not Listed	-----
36 Total Costs	-----

*Does Not Include Interest on Investment in Irrigation Equipment or Land.

TABLE 11A - 6470 - COSTS AND RETURNS FROM HOGS, FARROW, FINISH, GENERAL - 1976

Item	Average of 129 Farms	26 Farms	26 Farms
		High In Return Above Feed	Low In Return Above Feed
1 Pounds of Hogs Prod. -Total	72730	53055	33942
		Per Hundred Weight	
2 Net Inc. in Value of Hogs	37.28	47.55	29.19
3 Other Miscellaneous Hog Income			
4 Total Value Produced	37.28	47.55	29.19
5 Pounds of Feed Fed			
6 Corn	265.2	190.1	332.7
7 Small Grain	24.2	33.8	46.3
8 Complete Ration	69.2	59.9	176.6
9 Protein, Salt & Min. & Milk	64.5	48.6	63.4
10 Total Concentrates	423.5	332.4	619.0
11 Forages	2.8	.4	9.3
12 Feed Cost			
13 Grain	12.67	9.67	16.92
14 Complete Ration	4.90	5.55	9.37
15 Protein, Salt & Min. & Milk	8.04	5.84	10.96
16 Forages	.08	.01	.29
17 Pasture			
18 Total Feed Costs	25.69	21.07	37.54
19 Return Over Feed Costs	11.59	26.48	-8.35
20 Supplemental Costs			
21 Miscellaneous Livestock Exp.	1.15	.98	1.05
22 Veterinary Expense	.49	.55	.32
23 Custom Work	.56	.90	.60
24 Special Hired Labor	.02		
25 Total Supplemental Costs	2.22	2.43	1.97
26 Return Over Feed & Supp. Costs	9.37	24.05	-10.32
27 Allocated Costs			
28 Power & Mach. Costs	.93	1.23	1.40
29 Livestock Equipment Costs (PCAF .99)	1.11	1.17	2.08
30 Building & Fences (ECAAF 1)	1.05	1.86	1.92
31 Total Allocated Costs (BCAF 1)	3.09	4.26	5.40
32 Return Over All Listed Costs	6.28	19.79	-15.72
33 Supplementary Management Information			
34 Return Over \$100 Feed Fed	145.11	225.66	77.76
35 Price Rec. Per CWT. all An.	43.21	47.13	40.53
36 Price Rec. Per Cwt. sold Mkt. on	43.20	43.82	38.77
37 Number of Litters Farrowed	45	43	19
38 Number of Pigs Born Per Litter	9.7	10.0	9.3
39 Number of Pigs Weaned Per Litter	7.7	8.7	7.6
40 Percent Death Loss	14.3	10.2	10.4
41 Ave. Wt. of all Hogs Sold	206.0	161.6	202.1
42 Ave. Wt. of Mkt Hogs Sold	217.7	205.1	234.0
43 Price Per Cwt. Conc. Fed	6.05	6.34	6.02
44 Pr. Per CWT. P,S. & Mineral	12.47	12.02	17.30
45 Pounds of Pork Purchased	4813	1401	6562
46 Total Listed Cost Per Cwt. P.P	\$31.00	27.76	44.91
47 Util. & Other G.F. Exp.	-----	-----	-----
48 Interest allocated	-----	-----	-----
49 Other Costs Not Listed	-----	-----	-----
50 Total Cost	-----	-----	-----

A COMPLETE HOG ENTERPRISE is one where the pigs are farrowed and fed out on the farm. Feed fed includes the feed for the breeding herd as well as those marketed. Farms producing less than 5000 lbs. were not included.

Table 11B - 6490 COSTS AND RETURNS FROM HOGS FINISHING ENTERPRISE -1976

Item	Average of 77 Farms	15 Farms High In Return Above Feed	15 Farms Low In Return Above Feed
1 Average Number of Pigs on Hand	152.5	204.5	118.2
2 Pounds of Hogs Produced	67916	90054	42562
		<u>Per Hundred Weight</u>	
3 Net Increase in Value of Hogs	27.34	32.17	24.51
4 Other Miscellaneous Hog Income			
5 Total Value Produced	27.34	32.17	24.51
6 Pounds of Feed Fed			
7 Corn	259.1	273.6	228.0
8 Small Grain	15.9	12.9	35.1
9 Complete Ration	47.1	38.8	130.0
10 Protein, Salt & Mineral & Milk	74.8	25.2	10.5
11 Total Concentrates	396.9	350.5	430.6
12 Forages	.3		2.5
13 Feed Cost			
14 Grains	11.84	12.49	9.91
15 Complete Ration	3.59	2.74	10.41
16 Protein, Salt & Mineral & Milk	7.18	3.15	2.43
17 Forages			.01
18 Pasture			.03
19 Total Feed Costs	22.61	18.38	22.79
20 Return Over Feed Costs	4.73	13.79	1.72
21 Supplemental Costs			
22 Miscellaneous Livestock Expense	.38	.25	.88
23 Veterinary Expense	.43	.48	.54
24 Custom Work	.47	.27	.44
25 Special Hired Labor			
26 Total Supplemental Costs	1.28	1.00	1.86
27 Return Over Feed & Supplemental Costs	3.45	12.79	(-.14)
28 Allocated Costs			
29 Power & Machinery Costs (PCAF 1.00)	.52	.33	.79
30 Livestock Equipment Costs (ECAAF 2)	1.01	.57	2.25
31 Building & Fences (BCAF 2)	1.19	1.39	1.35
32 Total Allocated Costs	2.72	2.29	4.39
33 Return Over All Listed Costs	.73	10.50	(-8.92)
34 Supplementary Management Information			
35 Return for \$100 Feed Fed	120.90	175.05	107.54
36 Price Received Per CWT.	42.62	45.70	38.55
37 Average Weight of Pigs Sold	215.6	217.7	185.8
38 Average Price Paid Per Pig Bought	37.75	37.19	37.27
39 Average Weight Per Pig Bought	42.9	43.5	41.1
40 Number of Pigs Purchased	325	491	211
41 No. Pigs Transferred In	90	44	138
42 Average Weight of Pigs Transferred In	38.9	34.9	36.6
43 Pounds of Pork Purchased	13958	21349	8670
44 Percent Death Loss	2.4	1.7	3.5
45 Price Per CWT. Concentrate Fed	5.70	5.24	6.50
46 Price Per CWT. Prot., Salt & Min. Fed	9.60	12.48	11.24
47 Effective Daily Gain-Lbs. Per Day Per Pig	1.22	1.21	.99
48 Total Listed Cost Per CWT. Pork Prod.	26.61	21.67	29.04
49 Utilities & Other Gen. Farm Expense	-----	-----	-----
50 Interest Allocation	-----	-----	-----
51 Other Costs Not Listed	-----	-----	-----
52 Total Costs	-----	-----	-----

A HOG FINISHING ENTERPRISE is one where all hogs were purchased as feeders and fed out. Farms producing less than 5000 lbs. were not included in the averages.

Table 11C - COSTS AND RETURNS FROM PRODUCING WEANING PIGS - 1976

Item	Average of 52 Farms	10 Farms High In Return Above Feed	10 Farms Low In Return Above Feed
1 Number of Litters Farrowed	61	63	42
		<u>Per Litter</u>	
2 Net Increase in Value of Hogs	243.34	311.21	202.52
3 Other Miscellaneous Weaning Pigs Inc.	.18		
4 Total Value Produced	243.52	311.21	202.52
5 Pounds of Feed Fed			
6 Corn	983.8	1639.7	1674.4
7 Small Grain	534.3	158.9	263.5
8 Complete Ration	641.1	447.3	369.0
9 Protein, Salt & Mineral, & Milk	347.9	169.5	352.7
10 Total Concentrates	2507.1	2415.4	2559.6
11 Forages	76.2	3.2	31.4
12 Feed Cost			
13 Grains	57.15	35.49	84.79
14 Complete Ration	33.49	45.16	27.07
15 Protein, Salt & Mineral & Milk	40.64	21.46	48.76
16 Forages	1.54	.08	.43
17 Pasture	.07		
18 Total Feed Costs	132.89	102.19	161.05
19 Return Over Feed Costs	110.63	209.02	41.47
20 Supplemental Costs			
21 Misc. Livestock Expense	10.57	8.81	14.00
22 Veterinary Expense	5.38	3.30	9.02
23 Custom Work	2.36	1.90	3.33
24 Special Hired Labor	.05		
25 Total Supplemental Costs	18.36	14.01	26.35
26 Return Over Feed & Supplemental Costs	92.27	195.01	15.12
27 Allocated Costs			
28 Power & Mach. Costs (PCAF .96)	8.80	8.31	8.11
29 Livestock Equipment Costs (ECAF 3)	15.70	25.63	9.29
30 Building & Fences (BCAF 3)	21.46	34.22	21.05
31 Total Allocated Cost	45.96	68.16	38.45
32 Return Over All Listed Costs	46.31	126.85	(-23.33)
33 Supplementary Management Information			
34 Return for \$100 Feed Fed	183.26	304.54	125.74
35 Average Price Recd. Per Animal Sold	43.40	46.92	44.97
36 Average Price Per Pig Sold or Trans.	35.69	38.58	35.45
37 Avg. Weight Per Pig Sold or Trans.	46.1	48.0	47.7
38 Number of Pigs Produced	446	505	312
39 Number of Pigs Born Per Litter	9.5	10.0	9.6
40 Number of Pigs Weaned Per Litter	7.3	8.1	7.4
41 Percent Death Loss	19.6	18.0	18.4
42 Price Per CWT. Concentrate Fed	6.91	7.21	6.32
43 Feed & Suppl. Costs Per Pig Produced	20.69	14.50	27.92
44 Price Per CWT. Protein, Salt & Min. Fed	11.68	12.66	12.44
45 Total Listed Costs Per Litter	197.21	184.36	225.85
46 Utilities & Other General Farm Exp.	-----	-----	-----
47 Interest Allocation	-----	-----	-----
48 Other Costs Not Listed	-----	-----	-----
49 Total Costs	-----	-----	-----

TABLE 12 - 6290 - DAIRY COWS, COMMERCIAL, GENERAL - 1976

Item	Average of 123 Farms	27 Farms	27 Farms
		High In Return Above Feed	Low In Return Above Feed
1 Average Number of Cows	33.5	39.8	28.5
		Per Cow	
2 Pounds of Milk	12452	14937	10284
3 Pounds of Butterfat	435.8	527.7	370.2
4 Per Cent Butterfat in Milk	3.5	3.5	3.6
5 Value Of Produce			
6 Dairy Products Sold	1069.52	1300.20	861.16
7 Dairy Products Used in Home	7.01	7.19	6.81
8 Milk Fed to Livestock	10.75	10.53	12.81
9 Net Increases in Value of Cows	-26.93	4.65	-47.65
10 Other Miscellaneous Dairy Income			
11 Total Value Produced	1060.35	1322.57	833.13
12 Pounds of Feed Fed			
13 Corn	3482.1	4443.1	3731.6
14 Small Grain	913.1	485.4	929.3
15 Complete Ration	417.8	385.1	414.3
16 Protein, Salt & Mineral	742.0	629.1	633.4
17 Total Concentrates	5555.0	5942.7	5708.6
18 Legume Hay	5208.4	5673.6	6014.3
19 Other Hay & Dry Roughage	817.1	2405.8	670.3
20 Silage	13159.2	12663.7	12462.9
21 Feed Costs			
22 Grains	189.61	209.92	206.18
23 Complete Ration	29.04	27.46	33.51
24 Protein, Salt & Mineral	80.87	73.39	64.77
25 All Hay & Dry Roughage	160.99	170.75	214.67
26 Silage	117.13	111.78	114.21
27 Pasture	4.15	1.88	6.74
28 Total Feed Costs	581.79	595.18	640.08
29 Return Over Feed Cost	478.56	727.39	193.05
30 Supplemental Costs			
31 Miscellaneous Livestock Exp.	46.51	58.52	41.44
32 Veterinary Expense	11.97	12.26	9.68
33 Custom Work Hired	31.85	34.57	27.16
34 Special Hired Labor	1.58	6.28	27.16
35 Total Supplemental Costs	91.91	111.63	78.28
36 Ret. Over Feed & Supp. Costs	386.65	615.76	114.77
37 Allocated Costs			
38 P. & Mach. Costs (PCAF .98)	37.59	41.97	34.99
39 Lives. Eq. Costs (ECAAF 2)	32.55	43.81	28.97
40 Build. & Fences (BCAF 2)	47.72	44.75	54.13
41 Total Allocated Costs	117.86	130.53	118.09
42 Ret. Over All Listed Costs	268.79	485.23	-3.32
43 Supplementary Management Inf.			
44 Ret. for \$100 Feed Fed	182.26	222.21	130.16
45 Feed Cost Per CWT. Milk	4.67	3.98	6.22
46 Feed Cost Per Pd. Butterfat	1.33	1.13	1.74
47 Pd. of Milk per Pd of Conc.	2.24	2.51	1.80
48 Ave. Price Per CWT. Milk Sold	8.70	8.80	8.52
49 Ave. Price Per Pd. of Butterfat	2.49	2.49	2.38
50 To. Listed Costs Per CWT. Mk Pr.	6.36	5.61	8.13
51 Dairy Cow Turnover %	32.8	32.7	38.6
52 Total Listed Costs Per Cow	791.56	837.34	836.45
53 Utilities & Other G.F. Exp.	-----	-----	-----
54 Interest Allocation	-----	-----	-----
55 Other Costs Not Listed	-----	-----	-----
56 Total Costs	-----	-----	-----

Table 13 - 6310 OTHER DAIRY, COMMERCIAL, REPLACEMENTS - 1976

Item	Average of 123 Farms	27 Farms High In Return Above Feed	27 Farms Low In Return Above Feed
1 Number of Head	44.5	41.1	42.8
		<u>Per Head</u>	
2 Net Increase in Value	164.61	238.93	109.88
3 Other Miscellaneous Income			
4 Total Income	164.61	238.93	109.88
5 Pounds of Feed Fed			
6 Corn	732.9	743.5	864.5
7 Small Grain	201.5	277.5	185.9
8 Complete Ration	42.0	42.7	27.0
9 Protein, Salt & Minerals	118.6	86.6	190.0
10 Hay & Dry Roughage	2032.5	3092.0	2652.3
11 Silage	6571.8	3419.0	9057.6
12 Milk	71.7	51.6	106.4
13 Feed Cost			
14 Grains	39.80	43.43	45.44
15 Complete Ration	3.01	1.53	2.01
16 Protein, Salt, & Minerals	14.85	11.36	21.85
17 Hay & Dry Roughage	45.82	33.50	73.06
18 Silage	58.18	29.90	81.17
19 Milk	7.53	5.99	10.19
20 Pasture	3.80	2.87	5.21
21 Total Feed Costs	172.99	128.58	238.93
22 Return Over Feed Costs	(-8.38)	110.35	(-129.05)
23 Supplemental Costs			
24 Miscellaneous Expense	4.92	3.94	4.70
25 Veterinary Expense	.92	.83	.93
26 Custom Work Hired	1.98	1.27	3.43
27 Special Hired Labor	.02		
28 Total Supplemental Costs	7.84	6.04	9.06
29 Return Over Feed & Supplemental Costs	(-16.22)	104.31	(-138.11)
30 Allocated Costs			
31 Power & Machinery Costs (PCAF .98)	7.17	8.51	8.72
32 Livestock Equipment Costs (ECAF 2)	5.51	6.46	3.30
33 Building & Fences (BCAF 2)	8.33	6.98	6.64
34 Total Allocated Costs	21.01	21.95	18.66
35 Return Over All Listed Costs	(-37.23)	82.36	(-156.77)
36 Supplementary Management Information			
37 Return For \$100 Feed Fed	95.15	185.81	45.99
38 Percent Death Loss - Total	8.5	7.8	11.3
39 Percent Calf Death Loss	17.6	15.2	26.7
40 Total Listed Costs Per Head	201.84	156.57	266.65
41 Utilities & Other General Farm Expense	-----	-----	-----
42 Interest Allocation	-----	-----	-----
43 Other Costs Not Listed	-----	-----	-----
44 Total Costs	-----	-----	-----

OTHER DAIRY CATTLE includes all young dairy animals that are not in the milking herd. On some farms where only a few dairy steers are fed out with young stock, they are also included in Other Dairy Cattle.

Dairy herds with less than 10 cows were not included in the averages.

TABLE 14 - ALL DAIRY & DUAL PURPOSE CATTLE - 1976

Item	Average of 125 Farms	27 Farms High In Return Above Feed	27 Farms Low In Return Above Feed
1 Average Number of Cows	33.6	37.2	30.1
		Per Cow	
2 Value of Dairy Products	\$1080.30	1301.42	868.04
3 Net Increase in Value	191.34	317.31	121.59
4 Miscellaneous Dairy Income			
5 Total Value Produced	1271.64	1618.73	989.63
6 Pounds of Feed Fed			
7 Grains	5621.0	6144.6	5073.2
8 Complete Rations	547.1	489.5	964.7
9 P.,S.,&Min., Inc. Milk Equiv.	895.1	824.9	959.0
10 Hay & Dry Roughage	8526.8	11986.6	8743.2
11 Silage	13457.1	13821.8	13760.6
12 Feed Cost			
13 Grains	243.04	267.82	227.71
14 Complete Rations	38.63	35.48	70.43
15 P.,S.,&Min., Inc. Milk	109.17	108.60	106.08
16 Hay & Dry Roughage	217.32	216.16	256.54
17 Silage	196.49	195.22	197.24
18 Pasture Costs	8.90	7.66	9.00
19 Total Feed Costs	813.55	830.94	867.00
20 Return Over Feed Costs	458.09	787.79	122.63
21 Supplemental Costs			
22 Miscellaneous Lvstk. Exp.	52.11	58.68	37.74
23 Veterinary Expense	13.13	15.46	10.93
24 Custom Work	34.08	35.81	31.06
25 Special Hired Labor	1.90		.47
26 Total Supplemental Costs	101.22	109.95	80.20
27 Return Over Feed & Suppl. Costs	356.87	677.84	42.43
28 Allocated Costs			
29 Power & Machinery Costs	47.66	53.85	42.61
30 Livestock Equip. Costs	38.36	56.02	30.14
31 Building & Fences	57.46	45.43	39.59
32 Total Allocated Costs	143.48	155.30	112.34
33 Return Over All Listed Costs	213.39	522.54	-69.91
34 Supplementary Management Information			
35 Return for \$100 Feed Fed	156.31	194.81	114.14
36 Total Listed Costs Per Cow	1058.25	1096.19	1059.54
37 Utilities & Other F. Exp.	-----	-----	-----
38 Interest Allocation	-----	-----	-----
39 Other Costs Not Listed	-----	-----	-----
40 Total Costs	-----	-----	-----

TABLE 15A - BEEF BREEDING - 6020 - FARM/COMM/GENERAL, COW HERD - 1976

Item	Average of 56 Farms	11 Farms	11 Farms
		High In Return Above Feed	Low In Return Above Feed
1 Average Number of Beef Cows	30.9	30.8	27.6
2 Ave. No. of Other Beef An. & Bulls	23.1	18.0	24.9
3 Pounds of Beef Produced	12258	15490	9570
4 Net Increase in Value	135.28	171.72	79.13
5 Other Miscellaneous Beef Income			
6 Total Value Produced	135.28	171.72	79.13
7 Pounds of Feed Fed			
8 Grain	269.3	25.5	274.7
9 Protein, Salt, & Mineral	120.9	124.3	115.3
10 Legume Hay	2914.7	1076.8	4497.4
11 Other Hay & Dry Roughage	1727.9	737.9	2760.2
12 Silage	5114.8	3196.6	8428.8
13 Feed Cost			
14 Grain	12.62	1.14	11.96
15 Protein, Salt & Mineral	12.39	8.44	13.62
16 Legume Hay	84.11	27.31	139.82
17 Other Hay & Dry Roughage	18.03	7.27	43.48
18 Silage	44.53	28.73	76.01
19 Pasture	22.23	30.78	21.05
20 Total Feed Costs	193.91	103.67	305.94
21 Return Over Feed Cost	-58.63	68.05	-226.81
22 Supplemental Costs			
23 Miscellaneous Livestock Exp.	9.90	6.43	5.29
24 Veterinary Expense	1.88	1.10	1.09
25 Custom Work	6.12	6.49	5.83
26 Special Hired Labor			
27 Total Supplemental Costs	17.90	14.02	12.21
28 Return Over Feed & Supplemental Costs	-76.53	54.03	-239.02
29 Allocated Costs			
30 Power & Machinery Costs (PCAF . 97)	8.47	13.73	6.94
31 Livestock Eq. Costs (ECAAF 1)	6.28	7.32	6.03
32 Building & Fences (BCAF 1)	17.60	18.58	8.76
33 Total Allocated Costs	32.35	39.63	21.73
34 Return Over All Listed Costs	-108.88	14.40	-206.75
35 Supplementary Management Inf.			
36 Return for \$100 Feed Fed	69.76	165.64	25.86
37 Price Per CWT. Sold	29.75	27.36	28.48
38 Pr. P. CWT Calves Sold or Trans.	29.95	27.15	30.57
39 Aver. Weight Per Head Sold	529.7	770.9	674.2
40 Ave. Wt. Per Calf Sold or Trans.	106.6	805.4	458.3
41 Percent Death Loss	4.7	2.7	5.7
42 Percent Calf Crop	99	104	97
43 Total Listed Costs Per Cow	244.16	157.32	339.88
44 Utilities & Other G.F. Exp.	-----	-----	-----
45 Interest & Other G.F. Exp.	-----	-----	-----
46 Other Costs Not Listed	-----	-----	-----
47 Total Costs	-----	-----	-----

Farms with less than 10 beef cows were not included in the averages.

Table 15B - 6140 BEEF FEEDERS-FEEDLOT -1976

Item	Average of 109 Farms	22 Farms High In Return Above Feed	22 Farms Low In Return Above Feed
1 Average Number of Beef Feeders	58.0	37.1	57.1
2 Pounds of Beef Produced	39640	32109	36715
		<u>Per Hundred Weight</u>	
3 Net Increase in Value of Animals	37.53	37.24	27.93
4 Other Miscellaneous Beef Income			
5 Total Value Produced	37.53	37.24	27.93
6 Pounds of Feed Fed			
7 Grain	522.1	520.5	674.9
8 Protein, Salt & Mineral	61.2	17.4	39.9
9 Legume Hay	126.8	162.9	279.2
10 Other Hay & Dry Roughage	29.2	15.9	30.6
11 Silage	996.6	903.6	919.5
12 Feed Costs			
13 Grain	21.93	17.16	29.24
14 Protein, Salt & Mineral	3.84	1.85	3.37
15 Legume Hay	3.85	4.86	8.35
16 Other Hay & Dry Roughage	.34	.16	.51
17 Silage	8.70	8.20	8.81
18 Pasture	.27	.48	.13
19 Total Feed Cost	38.93	32.71	50.41
20 Return Over Feed Cost	(-1.40)	4.53	(-22.48)
21 Supplemental Costs			
22 Miscellaneous Livestock Expense	.58	.78	.42
23 Veterinary Expense	.31	.21	.31
24 Custom Work Hired	1.20	1.16	1.35
25 Special Hired Labor			
26 Total Supplemental Costs	2.09	2.15	2.08
27 Return Over Feed & Supplemental Costs	(-3.49)	2.38	(-24.56)
28 Allocated Costs			
29 Power & Machinery Costs (PCAF .96)	.84	1.15	.86
30 Livestock Equipment Costs (ECAF 2)	.78	1.35	.41
31 Buildings & Fences (BCAF 2)	1.49	2.25	1.60
32 Total Allocated Costs	3.11	4.75	2.87
33 Return Over All Listed Costs	(-6.60)	(-2.37)	(-27.43)
34 Supplementary Management Information			
35 Return For \$100 Feed Fed	96.40	113.84	55.41
36 Price Per CWT. Sold	37.48	37.87	37.59
37 Average Weight Per Head Sold	1040.1	969.7	1004.0
38 Price Per CWT. Bought	36.26	39.88	41.27
39 Average Weight Per Head Bought	541.0	384.6	566.5
40 Number of Head Bought	62	48	42
41 Percent Death Loss	1.5	2.0	1.5
42 Effective Daily Gain - Lbs. Per Head	1.87	2.37	1.76
		Per Day	
43 Total Listed Cost Per CWT. Produced	44.13	39.61	55.36
44 Utilities & Other General Farm Expense	-----	-----	-----
45 Interest Allocation	-----	-----	-----
46 Other Costs Not Listed	-----	-----	-----
47 Total Costs	-----	-----	-----

Farms Producing less than 5000 lbs. of beef were not included in the averages.

Table 16A - 6670 SHEEP, FARM, COMMERCIAL -1976

Item	Average
1 Average Number of Ewes	45.8
2 Pounds of Lamb & Mutton Produced	6927
3 Pounds of Wool Produced	537
4 Value of Produce	<u>Per Ewe</u>
5 Wool	6.77
6 Net Increase in Value of Animals	47.12
7 Other Miscellaneous Sheep Income	
8 Total Value Produced	53.89
9 Pounds of Feed Fed	
10 Grain	353.1
11 Protein, Salt & Mineral	121.8
12 Legume Hay	623.5
13 Other Hay & Dry Roughage	149.1
14 Silage	138.5
15 Feed Cost	
16 Grain	17.23
17 Protein, Salt & Mineral	12.25
18 Legume Hay	19.04
19 Other Hay & Dry Roughage	1.48
20 Silage	1.29
21 Pasture	2.14
22 Total Feed Costs	53.43
23 Return Over Feed Costs	.46
24 Supplemental Costs	
25 Miscellaneous Livestock Expense	3.25
26 Veterinary Expense	.85
27 Custom Work	3.45
28 Special Hired Labor	
29 Total Supplemental Costs	7.55
30 Return Over Feed & Supplemental Costs	(-7.09)
31 Allocated Costs	
32 Power & Machinery Costs (PCAF .87)	5.64
33 Livestock Equipment Costs (ECAF 1)	4.13
34 Building & Fences (BCAF 1)	2.72
35 Total Allocated Costs	12.49
36 Return Over All Listed Costs	(-19.58)
37 Supplementary Management Information	
38 Return For \$100 Feed Fed	100.86
39 Price Per CWT. Lamb & Mutton Sold	27.24
40 Price Per CWT. Lamb Sold or Transferred	42.03
41 Average Weight of Lambs Sold or Transferred	104.0
42 Pounds of Wool Per Sheep Sheared	6.5
43 Number of Ewes Kep for Lambing	50
44 Percent Lamb Crop	160.0
45 Percent Death Loss	14.2
46 Total Listed Costs Per Ewe	73.47
47 Utilities & Other General Farm Expense	-----
48 Interest Allocation	-----
49 Other Costs Not Listed	-----
50 Total Costs	-----

Table 17A - 6240 CHICKENS, LAYING FLOCK, COMMERCIAL -1976

Item	Average
1 Average Number of Hens	23844.0
	<u>Per Hen</u>
2 Value of Produce	
3 Eggs Sold & Used	9.41
4 Increase in Value of Flock	(-1.35)
5 Other Miscellaneous Flock Income	
6 Total Value Produced	8.06
7 Pounds of Feed Fed	
8 Grain	60.0
9 Complete Commercial Feed	
10 Protein, Salt & Mineral	35.4
11 Total Pounds of Feed	95.4
12 Total Feed Cost	5.67
13 Return Over Feed Cost	2.39
14 Supplemental Costs	.05
15 Return Over Feed & Supplemental Costs	2.34
16 Allocated Costs	
17 Power & Machinery Costs (PCAF 1.00)	.21
18 Livestock Equipment Costs (ECAF 1)	.20
19 Building & Fences (BCAF 1)	.21
20 Total Allocated Cost	.62
21 Return Over All Listed Costs	1.72
22 Supplementary Management Information	
23 Return For \$100 Feed Fed	142.05
24 Eggs Laid Per Hen	228.3
25 Price Per Dozen Eggs Sold	.49
26 Feed Cost Per Dozen Eggs	.30
27 Return Over Feed Costs Per Dozen Eggs	.12
28 Percent Death Loss	10.5
29 Total Listed Costs Per Hen	6.34
30 Utilities & Other General Farm Expense	-----
31 Interest Allocation	-----
32 Other Costs Not Listed	-----
33 Total Costs	-----

TABLE 17A, 6250 - CHICKENS, LAYING FLOCK, FARM - 1976

ITEM	AVERAGE
1 Average Number of Hens	381.8
2 Value of Produce	<u>Per Hen</u>
3 Eggs Sold & Used	6.94
4 Increase in Value of Flock	-.26
5 Other Miscellaneous Flock Income	
6 Total Value Produced	6.68
7 Pounds of Feed Fed	
8 Grain	52.6
9 Complete Commercial Feed	26.1
10 Protein, Salt & Mineral	11.4
11 Total Pounds of Feed	90.1
12 Total Feed Cost	5.51
13 Return over Feed Costs	1.17
14 Supplemental Costs	.31
15 Return Over Feed & Supplemental Costs	.86
16 Allocated Costs	
17 Power & Machinery Costs (PCAF 1.00)	1.02
18 Livestock Equipment Costs (ECAAF 1)	-.02
19 Building & Fences (BCAF 1)	2.12
20 Total Allocated Cost	2.94
21 Return Over All listed Costs	-2.08
22 Supplementary Management Information	
23 Return for \$100 Feed Fed	121.29
24 Eggs Laid Per Hen	192.7
25 Price Per Dozen Eggs Sold	.43
26 Feed Costs Per Dozen Eggs	.34
27 Return Over Feed Costs Per Dozen Eggs	.08
28 Percent Death Loss	13.0
29 Total Listed Costs Per Hen	8.76
30 Utilities & Other General Farm Expense	-----
31 Interest Allocation	-----
32 Other Costs Not Listed	-----
33 Total Costs	-----

SUMMARY OF MISCELLANEOUS ITEMS BY YEARS

ITEM	1972	1973	1974	1975	1976	Your Farm
Number of records	535	704	774	750	785	
Ave. Labor Earnings	12,341	43,361	21,161	6708	-273	
Total Farm Sales	53,867	96,821	79,562	78,402	67897	
Total Cash Oper. Exp.	31,180	35,206	38,564	44,966	36,352	
<u>Return Over \$100 Feed Fed</u>						
Dairy Cows	224	204	160	155	182	
Feeder Cattle	155	150	80	133	96	
Hogs, Finishing	201	214	128	186	120	
Laying Hens	124	170		129	142	
<u>Miscellaneous Livestock Information</u>						
Number of dairy cows herd	31.4	31.5	34.8	37.2	33.5	
Pounds of Feeder Cattle Prod.	60,585	60,407	51,165	51,003	39,640	
Pounds Pork Produced	65,237	60,028	59,229	59,191	67,916	
Pounds Butterfat/Cow	442.3	444.3	492.2	412.4	435.8	
Eggs Per Hen	265	229		228	228	
<u>Prices Received Per:</u>						
Cst. milk sold	5.12	6.36	7.55	7.53	8.70	
Cwt. Fat Cattle	34.41	42.69	40.24	40.93	37.48	
Cwt. Hogs (Complete)	26.61	40.94	34.54	48.88	42.62	
Dozen Eggs Sold	.22	.46	.36	.38	.43	
<u>Price of Feed:</u>						
Corn, Bushel	1.13	1.70	3.20	2.39	2.45	
Oats, Bushel	.65	.90	1.30	1.48	1.41	
Alfalfa hay/ton	22.00	30.00	55.00	50.00	60.00	
Corn Silage/ton	7.00	12.00	18.00	16.00	18.00	
<u>Yields Per Acre:</u>						
Oats Bushels	49.8	67.5	56.1	61.1	39.9	
Corn grain, bushels	90.4	97.0	63.2	52.6	44.4	
Canning Corn	67.79	73.62	163.36	128.95	68.53	
Soybeans, bushels	27.3	31.9	22.7	27.1	16.0	
Corn Silage, Tons	11.4	13.2	9.6	9.7	7.2	
Alfalfa hay, tons	3.6	3.6	3.6	3.1	1.9	
Wheat, Bushels	25.3	42.3	37.5	34.0	26.0	
Barley, Bushels	35.3	50.2	42.0	46.1	29.7	

WHAT DOES YOUR FAMILY WANT?

Name _____ Date _____

Address _____

One of the steps for improving the farm and home business is to clarify what is wanted. You may know of things you've wanted as a family, but it takes considerable thought and discussion among family members to agree upon what is most important and which things come first. As a family, write down your goals for this year and for the future, then number them in order of priority.

	This Year	Later
FOR A PROFITABLE FARM BUSINESS:		
FOR SATISFYING LIVING:		
FOR DEVELOPMENT OF FAMILY MEMBERS:		
FOR LONG-TERM FINANCIAL SECURITY:		