FIELD CROPS

COSTS AND RETURNS

FROM

FARM COST ACCOUNTS

27 FARMS-1980 NEW YORK STATE

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REPORTS from FARM COST ACCOUNTS

27 Farms, 1980

Enterprise data from the 1980 New York Farm Cost Account Project have been published in the following reports. Additional copies may be obtained from County Extension offices or directly from the Department of Agricultural Economics, Cornell University, Ithaca, New York 14853-0398.

Overhead Costs	Α.Ε.	Res.	81-22
- · · · · · · · · · · · · · · · · ·	A.E.	Res.	81-23
Livestock Costs and Returns			81-24
Field Crops Costs and Returns	А.Е.	Res.	
Fruit and Vegetable Crops Costs and Returns	A.E.	Res.	81-25

FIELD CROPS COSTS AND RETURNS, A.E. Res. 81-24

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INTRODUCTION

The New York Farm Cost Account Project is a research project which is a part of the Cornell Agricultural Management Information System (CAMIS). Since 1914 data have been published from detailed enterprise records kept by New York farmers in cooperation with the Department of Agricultural Economics at Cornell University. These publications provide College and field staff as well as farmers and others interested in agriculture with a continuous record of economic changes taking place on New York farms.

The farms are located in most of the farming areas of the State. They are generally well-managed, full-time, commercial farm businesses. They are representative of the "better" farms in New York.

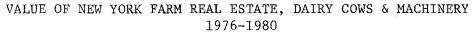
The reports present the results of individual enterprises and the averages of the enterprise costs and returns for all farms. They show not only the averages of cost and returns but also indications of the variations and reasons for them. The factors for individual enterprises are arranged according to size of enterprise. The annual averages of the various factors are not averages of average costs but are weighted by the size of the enterprise.

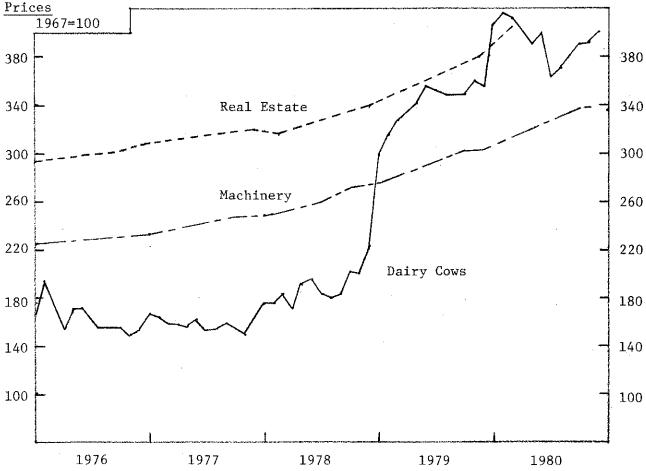
Acknowledgements

The project was under the supervision of Darwin Snyder, who also did the field work necessary to complete the records. Editing and processing the data, closing the books, and the preparation of these reports was done by Barbara Wilcox and Florence Blodgett assisted by Oneta Shipe. Mary Chaffee typed and assembled the reports and assisted in processing the data.

The material on pages 2, 3, and 4 of this report was taken from A.E. Res. 81-10, Dairy Farm Management, Business Summary, New York, 1980, by Stuart F. Smith.

Special acknowledgement is due the group of farmers who are willing to keep the detailed records so essential to such a system of enterprise cost accounting. Without their continuing efforts and willingness to provide this information, this important and accurate source of real farm data would not exist.



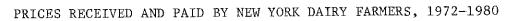


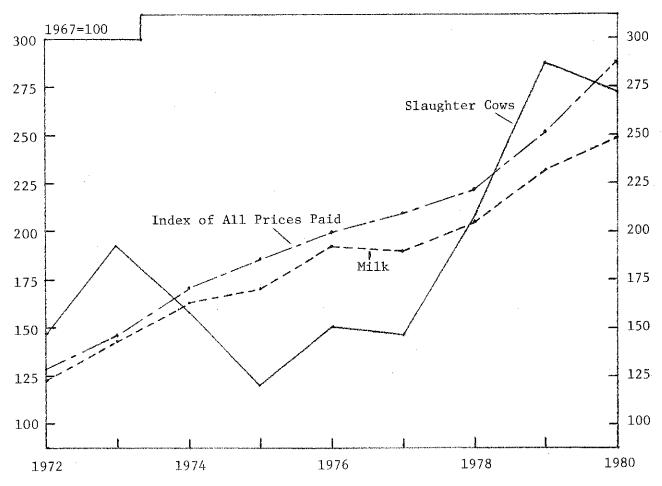
Price changes have a direct affect on the inventory values on New York dairy farms. Real estate and machinery prices have risen steadily during the past five years. Dairy cow prices rose sharply in late 1975, fulctuated throughout 1976, 1977, and most of 1978, and then jumped 130 percent between November 1978 and February 1980. Dairy Cow prices weakened during the first half of 1980 but finished strong at \$1,240 per head in December. From 1967 to 1980, machinery prices have increased 238 percent, dairy cows 400 percent and real estate 306 percent.

Table 1. REPORTED VALUES OF DAIRY FARM INVENTORY ITEMS, 1975-1980

	N.Y. Dairy	Cows	Machinery	N.Y. Farm Rea	ıl Estate
Year*	Value/Head	1967=100	1967=100	Value/Acre	1967=100
1975	(Dec.) \$450	145	(Dec.) 222	(Nov.) \$543	294
1976	(Dec.) 485	156	(Dec.) 233	(Nov.) 562	304
1977	(Dec.) 495	160	(Dec.) 253	(Nov.) 593	320
1978	(Dec.) 800	258	(Dec.) 276	(Nov.) 629	339
1979	(Dec.) 1105	356	(Dec.) 305	(Nov.) 704	381
1980	(Dec.) 1240	400	(Dec.) 338	(Feb.) 752	406
Percent change:	:				
1975 to 1976	+ 8%		+ 5%	+ 3%	·
1976 to 1977	+ 3%		+ 9%	+ 5%	
1977 to 1978	+62%		+ 9%	+ 6%	
1978 to 1979	+38%		+ 9%	+12%	
1979 to 1980	+12%		+11%	+ 6%	

^{*}Latest figure reported for year, i.e., February for real estate.

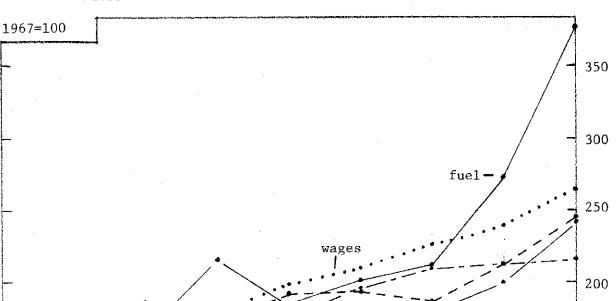




The relationship of prices received to prices paid is a major factor in determining farm income. The graph above shows the trend in prices since 1972 for milk, cull cows, and the index of prices paid by New York dairy farmers. Milk prices have lagged behind all prices paid since 1972 and the gap became greatest in 1980. Slaughter cow prices softened in 1980 after a dramatic rise of nearly 100 percent in two years.

Table 2. PRICES RECEIVED & PAID BY NEW YORK DAIRY FARMERS, 1970-1980

***************************************	Milk	Slaughter	Prices Paid by	Monthly Farm	Price Per
Year	3.5% B.F.	Cows	N.Y. Dairy Farmers	100 Lbs. of I	Milk, 1980
	(cwt.)	(cwt.)	(1967=100)		
1970	\$ 5.89	\$20.70	112	January	\$12.25
1971	6.02	21.20	120	February	12.24
1972	6.25	24.48	126	March	12.08
1973	7.30	32.80	146	April	11.96
1974	8.24	27.40	172	May	11.90
				June	11.92
1975	8.64	20.60	186	July	12.48
1976	9.71	25.57	200	August	13.01
1977	9,61	25.09	210	September	13.31
1978	10.38	35.58	221	October	13.57
1979	11.74	49.27	252	November	13.54
	,			December	13.44
1980	12.64	46.23	288		



fertilizer

PRICES PAID BY FARMERS FOR SELECTED ITEMS, 1972-1980

Prices of major farm inputs have all increased since 1972 but only wages paid by farmers have increased at a fairly constant rate. Feed prices rose 15 percent in 1980. Fertilizer prices increased 20 percent in 1980. Fuel prices jumped 29 percent in 1979 following four years of single digit increases and increased by 39 percent in 1980.

Table 3. PRICES PAID BY FARMERS FOR SELECTED ITEMS, 1972-1980

taxes

		Inde	x 1967=100		
Year	Feed	Fertilizer	Fuel	Wages	Taxes
1972	112	94	108	140	142
1973	157	102	116	150	146
1974	. 185	167	159	160	154
1975	177	217	177	180	166
1976	192	185	187	199	176
1977	194	182	203	212	195
1978	186	180	212	229	210
1979	213	202	273	241	213
1980	245	242	380	264	216
Percent increase: 1972 to 1979	•				
(average per year)	13%	16%	22%	10%	8%
1979 to 1980	15%	20%	39% -	9%	1%

SOURCE: USDA Agricultural Prices

Table 1. TEMPERATURE, PRECIPITATION AND GROWING SEASON Selected Stations, New York, 1941-70 and 1980

	Avera tempera	_	P	recipit	ation		Length growi	ng
	May - S	ept.	May - S	ept.	Total An	nual_	seaso	
Station	1941-70	1980	1941-70	1980	1941-70	1980	1947-67	1980
- <u></u>	degre	es		inc	hes		day	
Albany	65.7	65.7	15.4	$17.\overline{3}$	33.4	32.6		169
Alfred	61.8	62.0	17.2	14.1	36.7	33.2	125	123
Aurora	64.6	64.5	13.8	15.6	40.0	31.7	160	170
Batavia	64.1	65.2	15.3	17.8	32.6	31.5	154	156
Binghamton	63.3	64.8	17.9	13.7	37.4	34.8	154	170
Canton	63.0	61.9	16.5	15.7	34.5	34.0	127	107
Glens Falls		63.4	17.8	11.0	39.3	26.1		136
Ithaca	63.8	63.6	17.2	13.1	34.8	31.4	1.45	136
Lowville	62.5	62.3	16.5	16.9	38.5	42.2	123	136
Utica	63.5	64.1	18.1	15.1	40.6	36.1	157	170

^{*} Days between the last temperature of 32 degrees in the spring and the first in the fall.

Source: Climatological Data, NOAA, Environmental Data Service, Annual Summary, New York, 1980, Vol. 92, No. 13.

Weather is a factor to be considered when studying a farm business for a specific year. The growing conditions have a market effect on the crops for that year. It is for this reason that data are presented on the growing conditions for 1980 and for the period 1941-70.

The 1980 growing season in New York resulted in a good crop year with average season temperatures and somewhat less than average precipitation. Low moisture levels from a short snowfall during the winter were made up by above normal rainfall in March and early April. The most notable variations in weather during the growing season were abnormally warm, dry conditions in May and August. June and October were notably cooler than normal. Good planting conditions in May were followed by cool, wet weather during June. Fall harvest conditions were generally good throughout September and October.

Data in Tables 1 and 2 are presented for ten weather stations located throughout the State.

Table 2. GROWING SEASON RAINFALL Selected Stations, New York, 1941-70 and 1980

	Ma	v	Jun	<u>—</u>	Jul	У	Augus	st	Septeml	oer
Station	1941-70		1941-70	1980	1941-70	1980	1941-70	1980	1941-70	1980
					inch	.es				
Albany	3,26	1.05	3.00	4.90	3.12	2.69	2.87	6.45	3.12	2.24
Alfred	3.76	1.39	3.76	3.44	3.73	1.16	3.00	5.49	2.93	2.65
Aurora	2.98	1.03	2.54	5.63	3.03	3.24	2.81	2.85	2.46	2.87
Batavia	3.17	1.70	2,69	8.01	3.05	2.31	3.50	1.55	2.87	4.23
Binghamton	3.83	1.54	3.59	5.68	3.83	2.09	3.61	1.58	3.02	2.81
Canton	3.37	0.93	2.91	2.22	3.43	4.43	3.47	3.35	3.31	4.78
Glens Falls	3.63	1.10	3.77	2,92	3.68	2.07	3.42	1.94	3.31	2.99
Ithaca	3.55	1.37	3.40	4.13	3.67	3.43	3.49	1.98	3.08	2.21
Lowville	3.42	1.98	2.94	3.89	3.26	6.42	3.58	1.07	3.31	3.49
Utica	3.52	1.37	3.55	4.56	4.17	5.26	3.54	1.47	3.32	2.41

Source: Climatological Data, NOAA, Environmental Data Service, Annual Summary, New York, 1980, Vol. 92, No. 13.

	7	YIELDS	FOR	CROPS	S AND	LIVESTO	CK
New	York	State	and	Farm	Cost	Account	Averages

			New York	State*		Cost Account
Item	Unit	1957-61	1967-71	1979	1980	1980
Hay	tons	1.9	2.2	2.3	2.4	2.8
Corn silage	tons	11	14	13.0	14.5	14.6
Corn grain	bu.	57	85	85	93	99
Oats	bu.	52	60	62	64	
Wheat	bu.	32	39	41	40	50
Milk per cow	lbs.	7,914	10,361	11,746	12,026	15,894

^{*}Source: New York Agricultural Statistics, 1980; Crop Reporting Service, USDA.

FARM COST ACCOUNT SUMMARY, 1980

Crop Enterprises

		•						
		Average	:	Hours				
	Number	acres		of	Retur	n per		Profit
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Crop	prises	price	acre	acre*	labor	cost	acre	prise
				٠	\$	\$	\$	\$
Forage:								
Hay	19	70	2.8 tn	7	0.02	0.81	- 38	-2,632
Hay crop silage	16	157	7.2 tn	4	5.82	1.00	- 1	- 1.52
Corn silage	18	122	14.6 tn	5	5.86	0.99	- 3	- 417
Grain:								
Corn for grain	6	55	- 100 bu	3	23.76	1.28	72	3,907
High moist. cor	n 14	144	3.6 tn	4	22.68	1.23	59	8,578
Oats		·						
Wheat	11.	150	50 bu	2	22.46	1.21	35	5,236
Fruit:			•					
Apples	13	97	595 bu	94	5.52	0.91	-130	-12,544
Red tart cherries	s 8	34	8,171 1b	55	17.29	1.62	659	22,267

^{*} To grow and harvest the crop.

ENTERPRISE RATES OF RETURN

FARM COST ACCOUNT RECORDS, 1977-80

	Retur	n per h	our of	labor	Return	per d	lollar of	cost
Enterprise	1977	1978	1979	1980	1977	1978	1979	1980
	\$	\$	\$	\$	\$	\$	\$	\$
Livestock:	,							
Dairy cows	5.07	9.01	10.77	10.64	1.03	1.13	1.15	1.11
Dairy heifers	-1.43	2.23	3.97	5.94	0.78	0.92	0.96	0.99
Forage:								
Нау	5.15	3.31	0.90	0.02	1.05	0.94	0,84	0.81
Hay crop silage	3.19	-2.52	0.39	5.82	0.96	0.79	0.87	1.00
Corn silage	6.73	4.46	9.05	5.86	1.07	0.98	1.07	0.99
Grain:								
Corn for grain	-0.99	0.00	5.12	23.76	0.87	0.92	1.00	1.28
High moisture corn	7.10	6.98	18.84	22.68	1.07	1.04	1.22	1.23
Oats	-17.76	-3.92	-18.35	NA	0.54	0.77	0.63	NA
Wheat	-2.13	-4.11	22.68	22.46	0.84	0.75	1.26	1.21
Fruits:								
Apples	8.72	7.61	7.39	5.52	1.36	1.19	1.07	0.91
Sweet cherries	7.32	7.45	NA	NA	1.23	1.29	NA.	NA
Red tart cherries	17.71	43.59	33.16	17.29	1.64	3.43	2.80	1.62
Corn for grain High moisture corn Oats Wheat Fruits: Apples Sweet cherries	7.10 -17.76 -2.13 8.72 7.32	6.98 -3.92 -4.11 7.61 7.45	18.84 -18.35 22.68 7.39 NA	22.68 NA 22.46 5.52 NA	1.07 0.54 0.84 1.36 1.23	1.04 0.77 0.75 1.19 1.29	1.22 0.63 1.26 1.07 NA	1.2 NA 1.2

Hay -

Hay enterprises deal only with that portion of the hay crop harvested as dry hay. Efforts are made to separate the costs related to dry hay production and those for hay crop silage. The hay crop is normally harvested more than once and, on most dairy farms, the harvest will include both dry hay and hay crop silage - sometimes on the same field the same day. Estimates are made to determine a reasonable allocation of production and acres to both enterprises.

Growing costs include only those costs related to an established hay crop. Costs to establish new seedings are not included except as seeding costs are amortized over the life of the stand. This year's share of those costs are shown as "seed" costs.

Harvesting costs include costs for the obvious harvesting activities plus costs to place the crop in farm storage or on a truck if sold at harvest time.

Storing and selling costs include costs to store the crop and interest on the value of the crop while stored. Costs incurred by the grower to sell any part of the crop would also be included.

HAY COSTS AND RETURNS PER ACRE 1.331 ACRES ON 19 COST ACCOUNT FARMS, 1980

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YIELD: BY-PRODUCT, OT TOTAL RFTURNS TOTAL COSTS LABOR TOTAL COSTS LABOR	GROWING: LABOR TRACTOR TRUCK, EQUIPM CUSTOM WORK, LAND USE MANURE, LIME, FERT - LBS N- SEED, PLANTS SPRAY, CUST N INTEREST, ALL TOTAL GROW HARVESTING: LABOR TRACTOR TRUCK, EQUIPM CUSTOM WORK, ALL OTHER TOTAL PROD STORING AND SELL LABOR TRACTOR, TRUCK BUILDING USE INTEREST, ALL TOTAL STOR TOTAL COSTS S: CROP - YIELD: BY-PRODUCT, OTHE TOTAL RFTURNS LABOR TOTAL RFTURNS LABOR TOTAL COSTS LABOR TRACTOR STORE TOTAL COSTS LABOR TRACTOR STORE TOTAL COSTS LABOR TRACTOR STORE TOTAL COSTS LABOR RICHARD LABOR RICHARD	GROWING: LABOR TRACTOR TRUCK, EQUIPMEN CUSTOM WORK, EG LAND USE MANURE, LIME, O FERT - LBS N- SEED, PLANTS SPRAY, CUST MAT INTEREST, ALL O TOTAL GROWIN HARVESTING: LABOR TRACTOR TOTAL HARVES TOTAL PRODUCT STORING AND SELLIN LABOR TRACTOR, TRUCK, BUILDING USE - INTEREST, ALL O TOTAL STORIN TOTAL COSTS S: CROP - YIELD: BY-PRODUCT, OTHER TOTAL RFTURNS S: CROP - YIELD: BY-PRODUCT, OTHER TOTAL RFTURNS LABOR RETI	GROWING: LABOR 0 HE TRACTOR 0 HE TRUCK, EQUIPMENT CUSTOM WORK, EQUI LAND USE MANURE, LIME, COV FERT - LBS N- 10 SEED, PLANTS SPRAY, CUST MATEF INTEREST, ALL OTF TOTAL GROWING HARVESTING: LABOR 7 HE TRUCK, EQUIPMENT CUSTOM WORK, EQUI ALL OTHER TOTAL HARVESTI TOTAL PRODUCTI STORING AND SELLING: LABOR CHE TRACTOR, TRUCK, E BUILDING USE INTEREST, ALL OTH TOTAL STORING TOTAL COSTS SICROP - YIELD: 2.8 BY-PRODUCT, OTHER RE TOTAL RETURNS LABOR RETURN TOTAL (OR NI PROFIT PER LABOR RETURN LABOR RETURN	GROWING: LABOR O HR TRACTOR O HR TRUCK, EQUIPMENT - CUSTOM WORK, EQUIP LAND USE MANURE, LIME, COVER FERT - LBS N- 10, SEED, PLANTS SPRAY, CUST MATERIA INTEREST, ALL OTHER TOTAL GROWING CO HARVESTING: LABOR 7 HR TRACTOR 3 HR TRACTOR 3 HR TRUCK, EQUIPMENT - CUSTOM WORK, EQUIP ALL OTHER TOTAL HARVESTING: LABOR CHR TRACTOR, TRUCK, EQUIP BUILDING USE INTEREST, ALL OTHER TOTAL STORING AND TOTAL COSTS S: CROP - YIELD: 2.88 BY-PRODUCT, OTHER RETURN TOTAL COSTS TOTAL (OR NET TOTAL RETURNS LABOR RETURN	GROWING: LABOR 0 HR - TRACTOR 0 HR - TRUCK, EQUIPMENT - CUSTOM WORK, EQUIP RI LAND USE MANURE, LIME, COVER (FERT - LBS N- 10, P- SEED, PLANTS NA SPRAY, CUST MATERIAL: INTEREST, ALL OTHER TOTAL GROWING COST HARVESTING: LABOR 7 HR - TRACTOR 3 HR - TRUCK, EQUIPMENT CUSTOM WORK, EQUIP RI ALL OTHER TOTAL HARVESTING (TOTAL PRODUCTION (STORING AND SELLING: LABOR 0 HR - TRACTOR, TRUCK, EQUIP BUILDING USE INTEREST, ALL OTHER TOTAL STORING AND TOTAL COSTS S: CROP - YIELD: 2.8 TN BY-PRODUCT, OTHER RETURN TOTAL RETURNS TOTAL (OR NET*) PROFIT PER TN LABOR RETURN PE	GROWING: LABOR 0 HR TRACTOR 0 HR TRUCK, EQUIPMENT CUSTOM WORK, EQUIP RENT LAND USE MANURE, LIME, COVER CRO FERT - LBS N- 10, P- SEED, PLANTS NA - SPRAY, CUST MATERIALS INTEREST, ALL OTHER - TOTAL GROWING COSTS HARVESTING: LABOR 7 HR TRUCK, EQUIPMENT CUSTOM WORK, EQUIP RENT ALL OTHER TOTAL HARVESTING COS STORING AND SELLING: LABOR 0 HR TRACTOR, TRUCK, EQUIP BUILDING USE INTEREST, ALL OTHER TOTAL STORING AND SECOND INTEREST, ALL OTHER TOTAL COSTS SECOP - YIELD: 2.8 TN	GROWING: LABOR 0 HR TRACTOR 0 HR TRUCK, EQUIPMENT CUSTOM WORK, EQUIP RENT LAND USE MANURE, LIME, COVER CROP FERT - LBS N- 10, P- 16 SEED, PLANTS NA SPRAY, DUST MATERIALS - INTEREST, ALL OTHER TOTAL GROWING COSTS - HARVESTING: LABOR 7 HR TRUCK, EQUIPMENT CUSTOM WORK, EQUIP RENT ALL OTHER TOTAL PRODUCTION COSTS STORING AND SELLING: LABOR 0 HR TRACTOR, TRUCK, EQUIP - BUILDING USE INTEREST, ALL OTHER TOTAL STORING AND SELL TOTAL COSTS	GROWING: LABOR 0 HR TRACTOR 0 HR TRUCK, EQUIPMENT CUSTOM WORK, EQUIP RENT - LAND USE MANURE, LIME, COVER CROP - FERT - LBS N- 10, P- 16, SEED, PLANTS NA SPRAY, CUST MATERIALS INTEREST, ALL OTHER TOTAL GROWING COSTS HARVESTING: LABOR 7 HR TRACTOR 3 HR TRUCK, EQUIPMENT CUSTOM WORK, EQUIP RENT - ALL OTHER TOTAL HARVESTING COSTS TOTAL PRODUCTION COSTS STORING AND SELLING: LABOR C HR TRACTOR, TRUCK, EQUIP BUILDING USE INTEREST, ALL OTHER TOTAL STORING AND SELLING TOTAL COSTS	GROWING: LABOR 0 HR TRUCK, EQUIPMENT	GROWING: LABOR	GROWING: LABOR	GROWING: LABOR	GROWING: LABOR TRACTOR O HR TRUCK, EQUIPMENT CUSTOM WORK, EQUIP RENT LAND USE MANURE, LIME, COVER CROP FERT - LBS N- 10, P- 16, K- 52 SEED, PLANTS SPRAY, CUST MATERIALS INTEREST, ALL OTHER TOTAL GROWING COSTS TRUCK, EQUIPMENT CUSTOM WORK, EQUIP RENT CUSTOM WORK, EQUIP RENT TOTAL HARVESTING COSTS TOTAL PRODUCTION COSTS STORING AND SELLING: LABOR TRACTOR, TRUCK, EQUIP BUILDING USE TOTAL STORING AND SELLING COSTS TOTAL COSTS TOTAL COSTS TOTAL COSTS LABOR TRACTOR, TRUCK, EQUIP BUILDING USE TOTAL STORING AND SELLING COSTS TOTAL COSTS TOTAL COSTS LABOR TOTAL COSTS TOTAL COSTS LABOR TOTAL COSTS TOTAL COSTS LABOR TOTAL COSTS LABOR TOTAL COSTS TOTAL COSTS LABOR TOTAL COST PER TN TO: GRCW HARVEST STORE AND SELL TOTAL (OR NET*) RETURN ** PER TH TOTAL (OR NET*) RETURN ** PER TH PROFIT PER TN LABOR RETURN PER ACRE	GROWING: LABOR	GROWING: LABOR TRACTOR O HR TRUCK, EQUIPMENT	GROWING: LABOR	GROWING: LABOR	GROWING: LABOR

VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED

FACTORS FROM 19 ENTERPRISES OF HAY 19 COST ACCOUNT FARMS, 1980 (ARRANGED BY ACRES OF CROP)

				PROD	. — — — — — — — —	AVER	AGE	
	ACRES	AVERA	GE	PER		PER		
FARM	PER	PER_A		HR OF	GROW	HARV	TOTAL	TOTAL
_NO	ENTR	YIELD_L		LABOR	COSI	_COST_	COST**	REIUEN
	AC	TN	HR	TN	\$	\$	\$	\$
							•	
843	209.0	2 • 3	3	0.7	76	67	160	147
105	113.5	3.3	8	0.4	66	95	176	161
836	113.4	3.7	9	0.4	9 3	135	254	1 9 5
112	92.7	2.5	8	0.3	49	98	172	12 9
848	80.0	2.6	4	0.7	121	95	267	129
111	77.0	2.4	3	0.9	31	68	117 .	145
835	75.3	4.2	7	0.6	8 9	84	199	234
827	75.0	2 • 8	8	0.4	77	78	171	140
821	75.0	2.2	6	0.4	67	93	172	142
156	70.1	1.9	7	0.3	117	75	219	116
834	64.0	4 . 1	. 8	0.5	86	101	230	248
830	52.6	3.7	13	0.3	77	144	262	224
146	45.5	1.9	6	0.3	106	118	238	135
840	39.0	2 * 1	9	0.2	61	126	194	123
804	35.6	2 • 4	6	0.4	98	101	223	147
127	35.0	2.0	3	0.6	76	88	201	120
824	32.0	5.3	12	0 • 4	118	175	309	319
828	28.2	2.7	10	0.3	49	140	218	160
806	18.5	2.5	6	0 . 4	152	104	264	162
1986	GROUP AVE	RAGES. A	CCORD	ING TO AC	PES:			
THIRD		: TDX FRT T S		<u> </u>	<u> </u>			
	H 114.3	2.8	6	0.6	73	94	191	151
MED	65.4	3.0	8	0.4	8 9	100	213	177
LOW	31.4	2.9	8	0.4	93	123	235	172
		Ali E	NTO	いこてといすこの		-6•		
ANNUA.	<u>L AVERAGE</u>	ST_ALL_E	NI L a	METRUTER-	DITARDE	•≥•		
1980	70.1	2 • 8	7	0.4	80	97	201	163
1979	76.0	2.9	7	0 • 4	72	89	185	155
1978	76.1	2.2	5	0.4	49	66	131	123
1977	69.3	2.3	6	0.4	49	65	136	142
1976	69.2	2.7	7	0.4	49	64	130	136
	- >		•					

^{*} TO GROW AND HARVEST THE CROP

^{**} INCLUDES STORING AND SELLING COSTS

^{***} VALUE OF BY-PRODUCTS. IF ANY. DEDUCTED
(RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED)

FACTORS FROM 19 ENTERPRISES OF HAY
19 COST ACCOUNT FARMS, 1980
(READ ACROSS BOTH PAGES)

ومثما مناة منية منية عبين جري					· ·		
AVER			RAGE	<u>_REIUR</u> .		PROFIT	
<u>PER</u>	<u>ACRE</u>	<u>PER</u>	<u>IN * * *</u>	HOUR	\$	ON	
	LABOR	NET	NET	OF	OF	ENTER-	FARM
PROFIT	<u> REIURN</u>	<u> cost</u>	<u>REIURN</u>	<u>LABOR</u>	<u>cost</u>	<u>PRISE</u>	<u>NO</u>
\$	\$	\$	\$	\$	\$	\$	
13-	3	71	65	1.00	0.92	2,670-	843
15-	27	53	49	3.39	0.92	1,655-	105
59-	16	68	52	1.75	0.77	6,670-	836
43-	11-	69	52	1.39-	0.75	3,974-	112
138=	100-	105	50	24.15-	0.48	11,061-	848
2.8	45	48	60	16.65	1 .24	2,160	111
35	67	48	56	9.48	1.18	2,671	835
31=	30	61	- 50	3.95	0.82	2,286=	827
30-	7	78	65	1.17	0.83	2,204-	821
103-	81-	114	60	12.39~	0.53	7 9 2 2 4 =	156
18	70	56	60	8.67	1.07	1 • 1 0 3	834
38=	15	70	60	1.20	0.85	2,010-	83 0
103-	76-	123	70	12.31-	0.57	4,649-	146
71-	13-	95	60	1.50-	0.63	2,773-	840
76-	42-	91	60	7.19-	0.66	2,731-	804
81-	63-	101	60	19.02-	0.60	2,835-	127
10	72	58	60	5.66	1.03	306	824
58-	10-	82	60	1.13-	0.73	1,635-	828
102-	50=	106	65	10.19-	0.61	1,893-	806
	.						
1980 GR	OUP AVERA	GES. AC	CORDING	TO ACRES:			
****					•		THIRDS
39-	2 =	69	55	0.45-	0.85	3,977~	HIGH
35-	5	79	61	0 - 02-	0.84	2,085-	MED
62-	18-	89	61	5.55-	0.71	1,926-	LOW
0.2	(-						
A N NU AL	AVERAGES-	ALL EN	ITR. WEIG	HTED BY_A	CRES:		
20 <u>02</u> 2							
38=	6	70	57	0.02	0.81	2,632=	1980
30-	6	64	54	0.90	0 .84	2,260-	1979
8=	18	60	57	3.31	0.94	569~	1978
6	32	59	62	5.15	1.05	467	1977
6	34	47	50	4.90	1.05	468	1976
J	.	, ,					

Hay Crop Silage -

Hay crop silage enterprises deal only with that portion of the hay crop handled as hay crop silage. See notes on page 8.

Because hay crop silage is harvested at a wide range of moisture levels, production is converted to a standard equivalent at 55 percent moisture to provide more meaningful data to average and/or compare.

Storing and selling costs include the cost of storing the silage and interest on the value of the crop while stored. Costs to remove the crop from storage are charged to the consuming livestock enterprise.

HAY CROP SILAGE COSTS AND RETURNS PER ACRE 2,503 ACRES ON 16 COST ACCOUNT FARMS, 1980

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^{*} VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED

^{**} RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED

FACTORS FROM 16 ENTERPRISES OF HAY CROP SILAGE 16 COST ACCOUNT FARMS, 1980 (ARRANGED BY ACRES OF CROP)

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	ACRES	AVERA	1 G F	PER		PER		
FARM	PER	PER_/		HR OF	GROW	HARV	TOTAL	TCTAL
NO	ENTR_	YIELD I	al emergence that are care	LABOR			COSI±±	_REIURN
ගත නිස දුනු සෞඥා සං	a C	TN	HR	TN	ss		\$	\$
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834	589.3	8 • 2	3	2.4	76	79	168	212
827	247.0	5.7	4	1.9	76	65	170	201
111	209.0	6.9	4	1.9	67	91	171	188
830	192.5	7.3	4	1 . 8	55	74	164	204
806	184.9	5.8	5	1.1	145	130	304	163
840	178.0	5.1	3	1.7	75	60	165	132
812	166.0	10,3	3	3.7	944	78	242	278
824	128.8	8.6	Š	3 ₀2	115	97	270	233
105	104.0	6.7	5	1.4	76	92	191	174
804	100.9	5.0	4	1.4	100	8.0	186	120
835	97.2	10.6	6	1.7	104	99	231	253
821	79.3	5 . 4	3	1 08	65	74	166	150
112	74 98	7 0 1	7	1.0	57	90	197	214
828	63.4	5.6	5	1 .2	60	79	184	155
127	62.0	3.9	4	1.0	109	76	216	98
146	26.5	7.2	4	1.7	101	136	256	203
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		<u>-</u>						
		ERAGÉS.	ACCORD1	ING IQ A	CRESI			
THIRDS			nece-	v 1 o	~ .	• •	4.0.6	4 - 6
	284.5	7.0	5	1.8	84	88	196	194
MED	129.2	7.7	4	2.2	103	85	215	199
F O M	61.2	5.9	5	1 . 4	79	91	204	165
ANNUAL	AVERAGI	ES= ALL I	ENTR o b	EIGHTED	BY ACRE	ES:		
க்கிய் விகிக்கின் க	. කොක මිකත් හමුය කිරීම ස්කාර ජනාර පණිර ජ	© ∰ 100 p. comp dyn 100 - 6000 bear di	ചെയ്യായായ വേധി വേധി	. All 175 (1960 All 1860) All 1960 A	the still size fine which while still size	2 <u>1</u> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
1980	156.5	7.2	4	1.9	87	84	195	194
1979	139.9	6.6	5	1.4	82	82	189	165
1978	137.1	4 . 9	4	1.2	66	64	148	117
1977	120.0	6.2	5	1.3	63	71	157	151
1976	92.6	7.7	5	1.5	57	68	147	160

^{*} TO GROW AND HARVEST THE CROP

NOTE: Yield adjusted to 55% moisture.

^{**} INCLUDES STORING AND SELLING COSTS

^{***} VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED

⁽RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED)

FACTORS FROM 16 ENTERPRISES OF HAY CROP SILAGE 16 COST ACCOUNT FARMS, 1980 (READ ACROSS BOTH PAGES)

AVER	AGE		RAGE	RETUR	N_PER	PROFIT	
PER_	ACRE	PER		HOUR	\$	ON	
	LABOR	NET	NET	OF	0F	ENTER-	FARM
PROFIT	RETURN	COST	<u>REIURN</u>	LABOR_	_COSI	PRISE	NO
\$	\$	\$	\$	\$	\$	\$	
44	67	21	26	19.44	1.26	26,133	834
31	60	25	3 0	16.73	1.19	7,767	827
17	38	25	27	10.26	1.10	3,510	111
4 0	63	22	28	12.88	1.25	7,747	83 0
141-	102-	52	28	19.80-	0.54	26,097-	806
33=	14-	33	26	5.18-	0.80	5,908-	840
36	60	24	27	21.51	1.15	5,948	812
37-	22-	31	27	8 • 06 =	0.86	4,804=	824
17-	8	29	26	1.72	0.91	1,862-	105
66-	41-	37	24	11.95-	0.65	6,634-	804
22	50	22	24	7.94	1.10	2,149	835
16-	4	31	28	1.20	0.91	1,242=	821
17	43	28	30	6.15	1.09	1.282	112
29-	5-	33	2 8	1.34-	0.85	1,778-	828
118-	95~	55	25	25 - 38 =	0.46	7,261-	127
53 -	35-	35	28	8.49-	0.79	1,395-	146
1980 GR	OUP AVERA	GES. AC	CORDING 1	O ACRES:			
							THIRDS
1 -	25	30	28	7 • 90	1.07	3,812	HIGH
15-	7	30	26	1.00	0.91	1,851-	MED
39-	17-	37	28	5.56-	0.82	2,078-	LOW
<u>ANNUAL</u>	AVERAGES-	ALL EN	IR. WEIGH	HIED BY A	CRES:		
1-	23	27	27	5 • 82	1.00	152-	1980
24-	2	29	25	0.39	0.87	3,417-	1979
31-	9-	30	24	2.52-	0.79	4,290-	1978
6 =	15	25	25	3 ∞ 1 9	0.96	669-	1977
13	34	19	21	6.79	1.09	1,202	1976
				4			

Corn Silage -

Storing and selling costs include the cost of storing the silage and interest on the value of the crop while stored. Costs to remove the crop from storage are charged to the consuming livestock enterprise.

CORN SILAGE COSTS AND RETURNS PER ACRE 2,197 ACRES ON 18 COST ACCOUNT FARMS, 1980

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VALUE OF BY-PPODUCTS, IF ANY, DEDUCTED RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED

FACTORS FROM 18 ENTERPRISES OF CORN SILAGE
18 COST ACCOUNT FARMS, 1980
(ARRANGED BY ACRES OF CROP)

	40 de 60 de 10 de 40 de 70 d			PROD		AVER	7 G E	
	ACRES	AVERA	G.E.	PER		PER		
FARM	PER	PER_A		HR OF	GROW	HARV	TOTAL	TOTAL
NO	ENIR_	YIELD_L		LABOR	COSI	_COSI_	COST**	REIURN
-77	<u>LD</u> AC	<u></u> TN	LYTURE. HR	TN TN	7⊼ 5 1	\$ <u>r_n</u> 3-r	**************************************	* ************************************
	AC	1.14	пк	1 14	₩	Ψ	•	*
834	385.5	12.5	3	3.5	173	73	261	249
812	309.8	17.1	3	5.6	194	65	288	358
827	227.0	14.5	5	2.7	204	85	304	291
806	216.5	13.0	8	1.5	238	118	375	286
840	166.0	17.8	4	4.6	223	58	332	356
821	134.0	14.7	7	2.2	211	115	356	324
804	128.5	15.7	5	3.3	247	60	324	346
111	111.0	13.8	3	4.8	163	58	239	275
112	73.5	14.7	7	2.1	174	73	310	323
824	71.5	15.2	2	5.7	203	61	29 8	320
835	63.5	14.3	5	3.1	199	50	272	272
836	62.6	16.3	6	2.4	165	109	317	358
127	55.0	12.5	4	3.1	268	50	329	25 0
156	49.9	12.0	5	2.6	. 190	87	313	240
830	48.5	12.2	. 8	1.5	193	97	311	244
105	44.0	18.7	6	3.0	206	196	347	376
146	41.0	13.2	7	1.9	210	130	365	277
828	10.0	16.3	8	2.3	193	139	366	326
1980 G	ROUP AV	ERAGES. A	CCORDI	NG TO A	<u>CRES:</u>			
THIRDS								
HIGH	239.8	15.0	6	3 • 4	208	86	320	311
MED	85.1	15.1	5	3.6	192	69	294	316
LOW	41.4	14.2	7	2.5	210	.102	339	286
ANNUAL	AVERAG	<u>ES-ALL E</u>	NIR . L	EIGHIED	<u>BY_ACRE</u>	.S.		
1000	122.1	14.6	5	3.0	202	80	307	304
1980 1979	122.1	14.6	ນ 5	2.8	173	66	263	281
1979	122.0	12.3	5 5	2.0	157	62	236	231
		12.8	5 6	1.9	144	62	225	239
1977 1976	98 .1 106.7	13.1	6	2.1	135	52	207	212
17/0	10001	10.1	U		100	J 2	£ 0 1	6. J. to

^{*} TO GROW AND HARVEST THE CROP

^{**} INCLUDES STORING AND SELLING COSTS

^{***} VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED (RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED)

FACTORS FROM 18 ENTERPRISES OF CORN SILAGE 18 COST ACCOUNT FARMS, 1980 (READ ACROSS BOTH PAGES)

						. Ma an ang ing dan dik 170 (17) (17)	
AVERA	GE	AVE	RAGE	RETUR	N_PER	PROFIT	
PER_A	CRE	PER.	<u> IN***</u>	HOUR	\$	ON	
	LABOR	NET	NET	0F	0F	ENTER -	FARM
FROFII_	RETURN	COSI_	REIURN	LABOR_	_CQSI	PRISE	NQ_
\$	\$	\$	\$	\$	\$	\$	
						•	
12-	11	21	20	3.05	0.95	4,749-	834
70	97	17	21	31.60	1.24	21,807	812
13-	30	21	20	5 • 44	0.96	3,085-	827
85-	26-	2 9	22	3 • 17 =	0.76	19,306-	806
24	47	19	20	12.16	1.07	3,910	84 0
32-	11	24	22	1.60	0.91	4,257-	821
22	54	21	22	11.22	1.07	2,931	804
36	54	17	20	18.72	1.15	4,017	111
13	4 0	21	22	5 • 68	1.04	984	112
22	38	20	21	13.00	1.08	1,610	824
Ð	21	19	19	4.60	1.00	46	835
4 1	9 8	19	22	14.39	1.13	2,557	836
79-	56-	26	20	14.19-	0.76	4,382-	127
73-	57-	26	20	12.25-	0.77	3,621-	156
67-	28-	26	20	3 • 5 6 -	0.78	3,255-	83 0
29	63	19	2 0	10.14	1.08	1,286	105
88-	59-	28	21	8 • 82 =	0.76	3,611-	146
40-	5-	22	20	0 • 84 =	0.89	398-	828
<u>1980 GRO</u>	UP AVERA	GES, AC	CORDING_	<u> IO_ACRES:</u>	•		*****
						0.46	THIRDS
8	2.8	22	21	8.45	0.98	946-	HIGH
22	51	20	22	11.27	1.08	2,024	MED
52 -	23-	25	21	4.91-	0.84	2,329-	LOW
			** UF**	UTER RY	CDEC		
ANNUAL A	VERAGES-	ALL EN	TK - MFTR	HIED_BY_A	CKFDT		
3-	25	21	21	5 +86	0.99	417-	1980
18	48	18	19	9.05	1.07	2,181	1979
18 5=	4 8 25	19	19	4 . 46	0.98	566-	1978
14	∠5 45	18	19	6.73	1.07	1,454	1977
14 5	45 31	. 16	16	5.10	1.03	551	1976
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Corn Grain -

Harvesting costs include costs to place the crop in a truck if the crop is to leave the farm for any reason at harvest time. Otherwise, harvesting costs include costs to deliver the corn to farm drying facilities or storage.

Storing and selling costs include costs to haul the corn from the farm to be dried, stored and/or sold. Also included are drying, storing and handling costs to the point of sale. Fuel for drying and custom drying costs are included under "all other" along with interest on the value of the stored crop. If the crop is used on the farm, costs to remove it from storage are charged to the livestock enterprise. A wide range of practices are followed from farm to farm.

CORN FOR GRAIN COSTS AND RETURNS PER ACRE 328 ACRES ON 6 COST ACCOUNT FARMS • 1980

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^{*} VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED

^{**} RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED

FACTORS FROM 6 ENTERPRISES OF CORN FOR GRAIN
6 COST ACCOUNT FARMS, 1980
(ARRANGED BY ACRES OF CROP)

comp once only more more com-	- CODO FICO FICO FINA SEAS FINA FINA					-	***	
				PROD		AVER	AGE	
	ACRES	AVER	AGE	PER	-	PER	ACRE	
FARM	PER	PER	ACRE	HR OF	GROW	HARV	TOTAL	TOTAL
NQ	<u>ENIR</u>	YIELD	LABOR*	LABOR	<u> </u>	COST	<u> </u>	RETURN
	AC	₿U	HR	BU	\$	\$	\$	\$
836	88.5	98	3	27	166	4.8	226	345
827	87.0	109	3	32	185	29	255	326
112	69.0	106	2	51	174	31	241	370
835	45.0	95	4			_		
				28	207	26	275	295
146	27.0	81	7	12	218	100	401	285
824	12.0	80	2	42	207	3 9	277	270
ANNUAL	_AVERAGE	Sall	ENIR. L	VEIGHIED	EY_ACRE	. <u> </u>		
1980	54.8	1 ū 0	3	29	184	4 0	259	331
1979	97.9	99	3	28	181	43	266	265
1978	153.5	52	3	31	156	30	222	205
1977	149.4	76	4	21	137	21	187	163
1976	127.1	75	3	22	133	26	192	175

^{*} TO GROW AND HARVEST THE CROP

^{**} INCLUDES STORING AND SELLING COSTS

^{***} VALUE OF BY-PRODUCTS, IF ANY, CEDUCTED
(RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED)

FACTORS FROM 6 ENTERPRISES OF CORN FOR GRAIN
6 COST ACCOUNT FARMS, 1980
(READ ACROSS BOTH PAGES)

AVERA	GE	AVE	RAGE	RETUR	N PER	PROFIT	
PER_A		PER.	BU±±±	HOUR	\$	ON	
[F70	LABOR	NET	NET	0F	0F	ENTER-	FARM
		COST	RETURN_	_LABOR_	_cosi	PRISE	NO_
	REIURN	100 cm 100 cm 100 cm .	**************************************	E_EZZA \$	\$	\$	
\$	\$	\$	3	Φ	•	•	
	450	0 00	3.50	41.18	1.53	10,539	836
119	152	2 • 29			1.28	6,202	827
71	102	2 • 3 4	3.00	26.46		8,984	112
130	138	2.27	3.50	66.28	1.54	•	
20	4.0	2.88	3.10	9.17	1.07	925	835
116-	67-	4.92	3.50	5.77-	0.71	3,121-	146
7-	3	3.45	3,36	1.30	0.97	8 9~	824
, –	J	0	0.00				
ANNII A	VERAGES-	ALL EN	TR. WEIG	HTED BY A	CRES:		
EUNDEFT	INTERPLE		ang dia nga ata ata ata ata ata				
7.0	97	2.59	3.30	23 • 76	1.28	3,907	1980
72			2.68	5.12	1.00	112-	1979
1 =	19	2.69		0.00	0.92	2 • 721 -	1978
17-	0	2.41	2.22			•	1977
24-	4	2.38	2.08	0 • 99-	0.87	3,488-	
17-	e	2.57	2.35	0.32-	0.91	2,156-	1976

High Moisture Corn -

These enterprises include both high moisture shelled corn and ground ear corn fed on the farm to dairy cattle. Costs to remove the corn from storage are charged to the livestock enterprise.

HIGH MOISTURE CORN COSTS AND RETURNS PER ACRE 2,020 ACRES ON 12 COST ACCOUNT FARMS, 1989

17E	M: A	VER 4GE	PER	ACRE
COSIS: GROWIN	G:			
LAE	₩11 € 1111	\$ 11		
	CTOR 1 HR	17		
	CK, EGUIPMENT	18		
	TOM WORK, EQUIP RENT	3		
	D USE	42		
	URE, LIME, COVER CROP	14 47		
	D. PLANTS	14		
	AY, CUST MATERIALS	19		
	EREST, ALL OTHER	6		
. 114	TOTAL GROWING COSTS	C	\$	191
HARVES			•	*/*
LAE		9		-
	CTOR 1 HR	5		
	CK, EQUIPMENT	23		
	TOM WORK. EQUIP RENT	2		
	OTHER	3		
,,,,,	TOTAL HARVESTING COSTS			42
	TOTAL PRODUCTION COSTS		\$	233
STORI	G AND SELLING:			
	OR OHR	0		
TR	CTOR, TRUCK, EQUIP	1		
BU	LDING USE	11		
IN	EREST, ALL OTHER	10		
	TOTAL STORING AND SELLING COSTS			22
TOTAL	COSTS * * * * * * * * * * * * * * * * * *		\$	255
RETURNS:				
	YIELD: 3.6 TN \$	314		
	DUCT, OTHER RETURNS **	0		
	RETURNS	Ū	\$	314
TOTAL	RE FORMS		•	
PRCFII:	क्षा क्षा १५ का वर्ष तथे ५० किंद्र क्षा तथ्य ५० का तथ वर्ष का वर्ष		\$	59
one can can are are are are any con can can can can	***************************************			
			RAGE	
	: COST PER IN TO: GROW		53	
OTHER FACIORS	HARVEST	·P	12	
			- 6	
	STORE AND SELL		6 71	
	STORE AND SELL TOTAL (CR NET*) COST PER TN		71	
	STORE AND SELL TOTAL (CR NET*) COST PER TN TOTAL (OR NET*) RETURN ** PER TN		71 87	
	STORE AND SELL TOTAL (CR NET*) COST PER TN	1 	71	лефе е фай а
	STORE AND SELL TOTAL (CR NET*) COST PER TN TOTAL (OR NET*) RETURN ** PER TN PROFIT PER TN	1 00 00. 00 0° % 00	71 87	त को का थेन की
	STORE AND SELL TOTAL (CR NET*) COST PER TN TOTAL (OR NET*) RETURN ** PER TN PROFIT PER TN		71 87 16	TN
	STORE AND SELL TOTAL (CR NET*) COST PER TN TOTAL (OR NET*) RETURN ** PER TN PROFIT PER TN LABOR RETURN PER ACRE	€	71 87 16	TN

[→] VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED

^{**} RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED

FACTORS FROM 14 ENTERPRISES OF HIGH MOISTURE CORN 12 COST ACCOUNT FARMS, 1980 (ARRANGED BY ACRES OF CROP)

	_~~							
				PROD		AVER	–	
	ACRES	AVERA	GE	PER		<u>PER</u>	<u>ACRE</u>	~~~~~
FARM	PER	PER_A	<u>CRE</u>	HR OF	GROW	HARV	TOTAL	TCTAL
NQ	ENIR	YIELD L	ABOR*	LABOR	COSI	_COSI_	_COSI±*_	_REIURN
	AC	ΤN	HR	ΤN	\$	\$	\$	\$
	٠							
834	320.0	4 . 4	2	1.7	193	31	24 8	35 0
83 4+	291.0	3.2	3	1.0	178	32	237	286
824+	269.3	2.7	2	1.4	202	36	248	281
8 27+	217.0	3.3	3	1.0	187	4 0	253	300
105+	182.0	2.8	3	0.8	191	34	234	245
830	128.8	4 . 8	7	0.7	197	62	292	406
105	122.0	4.3	6	0.7	203	82	293	346
828+	116.1	2.8	3	0.9	183	32	231	254
111	108.0	4.8	4	1.3	170	66	259	381
835	83.0	4.2	5	0.9	200	44	264	316
806+	72.6	3.1	5	0.7	239	35	333	339
112+	42.5	3.5	3	1.0	169	45	249	350
821	40.0	3.9	4	1.0	154	50	237	332
146	28.0	4.3	5	0.9	183	82	272	343
1.0		. • -			4,7 4		- / -	
ΔΝΝυΔΙ	AVERAG	ES- ALL E	NTR . L	FIGHTED	BY ACRE	S:		
AND ZAE.			<u> </u>					
1980	144.3	3.6	4	1.0	191	42	255	314
1979	137.5	3.8	3	1.1	159	41	217	264
1978	119.3	3 • 5	4	0.9	154	33	200	208
1977	114.7	3.0	4	0.7	131	34	176	188
1576	95.1	3.3	4	0.7	137	34	183	191
1710	J U # 4	0 # 0	:	~ ·	J 🗸 1	- ;	=.,,	

^{*} TO GROW AND HARVEST THE CROP

^{**} INCLUDES STORING AND SELLING COSTS

^{***} VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED (RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED)

⁺ Harvested as HM shelled corn, otherwise as HM ground ear corn.

FACTORS FROM 14 ENTERPRISES OF HIGH MOISTURE CORN
12 COST ACCOUNT FARMS, 1980
(READ ACROSS BOTH PAGES)

						~~~~~~~~~	
AVER	RAGE	AVE	RAGE	RETUI	RN PER	PROFIT	
PER	ACRE	PER	IN***	HOUR	\$	ON	
	LABOR	NET	NET	OF	OF	ENTER-	FARM
PROFIT	RETURN	COST	RETURN	LABOR	COSI	PRISE	NO
\$	\$	\$	\$	\$	\$	\$	
						*	
102	119	57	8 <b>0</b>	45.17	1.41	32,692	834
49	69	74	90	22 • 83	1.21	14,398	834
33	42	93	105	22.63	1.13	8,811	824
47	73	76	90	21.69	1.18	10,094	827
11	33	84	88	8.52	1.05	2,088	105
114	145	61	85	22 • 46	1.39	14,710	830
53	86	68	- 80	14.27	1.18	6,453	105
23	38	81	89	12.00	1.10	2,715	828
122	144	54	80	39 • 89	1.47	13,185	111
52	74	62	75	15.50	1.20	4,378	835
6	38	108	110	8 • 75	1.02	476	806
101	115	70	99	33.69	1.41	4,321	112
95	119	61	85	30.71	1.40	3,779	821
71	9 <b>1</b>	63	80	18.62	1.26	1,997	146
ENVOET	AVERAGES-	<u></u>	IIRa-ME16	HIFD RI 1	SCRES:		
59	80	71	87	22 • 68	1 .23	8 + 578	1980
47	66	57	69	18.84	1.22	6,560	1979
8	2.8	56	5 <b>9</b>	6.98	1.04	1,005	1978
12	30	57	61	7.10	1.07	1,363	1977
8	26	56	58	5.80	1.04	698	1976
	i i						

#### Small Grains - Oats and Wheat -

Harvesting costs include costs to harvest the grain only and place it in farm storage. Costs and returns for handling the straw have been excluded from the enterprise figures.

Storing and selling costs include mainly the cost of bins to store the crop and interest on the value of the stored crop. Costs incurred by the grower to sell any part of the crop would also be included. If fed on the farm, cost to remove the crop from storage are charged to the consuming livestock enterprise.

### WHEAT COSTS AND RETURNS PER ACRE 1,652 ACRES ON 11 COST ACCOUNT FARMS: 1980

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^{*} VALUE OF BY*PRODUCTS, IF ANY, DEDUCTED

^{**} RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED

FACTORS FROM 11 ENTERPRISES OF WHEAT
11 COST ACCOUNT FARMS, 1980
(ARRANGED BY ACRES OF CROP)

				PROD		AVER	AGE	
	ACRES	AVER	AGE	PER		PER	ACRE	
FARM	PER	PER_/	ACRE	HR OF	GR O₩	HARV	TOTAL	TOTAL
Q	ENIR	YIELD I	ABOR*	LABOR	COSI	_COSI_	COSI**	_REIURN
	AC	BU	HR	BU	\$	\$	\$	\$
827	794.0	49	2	28	114	31	170	187
864	305.3	55	1	29	117	27	172	233
848	159.5	60	2	35	128	25	169	251
834	90.0	28	3	13	96	11	107	104
8 <b>63</b>	84.5	55	2	27	157	23	191	223
835	59.0	44	3	14	158	23	187	171
836	56 <b>.0</b>	67	3	29	129	19	160	291
8.30	54.0	43	2	20	101	19	123	224
828	21.8	27	4	7	152	35	187	98
824	21.0	51	3	17	174	20	194	191
146	7.0	46	7	7	15 <b>9</b>	19	177	164
ANNUAL	_AVERAGE	S- ALL E	ENTR . L	EIGHTED	BY ACRE	S:		
			~~~~~					
1980	150.2	5 0	2	26	120	27	167	202
1979	130.9	47	2	23	110	21	150	189
1978	41.5	30	4	8	116	21	147	111
1977	162.0	44	3	19	98	16	131	109
1976	158.7	43	3	18	96	17	127	112
,.		, ~	_	-0		- -		

^{*} TO GROW AND HARVEST THE CROP

^{**} INCLUDES STORING AND SELLING COSTS

^{***} VALUE OF BY-PRODUCTS. IF ANY. DEDUCTED
(RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED)

FACTORS FROM 11 ENTERPRISES OF WHEAT 11 COST ACCOUNT FARMS, 1980 (READ ACROSS BOTH PAGES)

AVERA	GE	AVE	RAGE	RETUR	N PER	PROFIT	
PER_A	CRE	PER	BU***	HOUR	\$	ON	
	LABOR	NET	NET	0F	0F	ENTER-	FARM
PROFIT	RETURN	COSI_	REIURN_	LABOR	_COSI	PRISE	NO_
\$	\$	\$	\$	\$	\$	\$	
4 7	7 4	7 45	7 00	35 40	1 1 0	17 (01	007
17	34	3.45	3.80	15.49	1.10	13,601	827
61	72	3.13	4.25		1.36	18,789	864
82	97	2.81	4 • 17	57.03	1.48	13,000	848
3-	10	3.85	3.77	4 + 64	0.98	2 0 5 -	834
32	45	3.49	4.08	21.46	1.17	2,711	863
16-	1 -	4.23	3.86	0 - 44-	0.91	983-	835
131	154	2.41	4.38	52.25	1.82	7,331	836
101	112	2.87	5.23	45.95	1.82	5,465	83 0
89-	71-	6.90	3.60	19.16-	0.52	1,951-	828
3 =	11	3.79	3.73	3.52	0.98	68-	824
13-	13	3.87	3.58	1.88	0.93	92-	146
ANNUAL A	VERAGES-	ALL EN	TR. WEIGH	HTED BY A	CRES:		
						i e	
35	5 0	3.32	4.01	22.46	1.21	5,236	1980
39	54	3.19	4.04	22.68	1.26	5 • 171	1979
36-	16-	4.89		4.11-	0.75	1,520-	1978
22-	6 -					-	1977
15-	0	2.93	2.59	0.23-	88.0	2 • 335 -	1976
35 39 36- 22-	50 54 16- 6-	3.32 3.19 4.89 2.99	IR • WEIGH 4 • 01 4 • 04 3 • 67 2 • 50	22.46 22.68 4.11- 2.13-	1.21 1.26 0.75 0.84	5,236 5,171 1,520- 3,462-	19 19 19 19

FACTORS FROM 3 ENTERPRISES OF DATS 3 COST ACCOUNT FARMS + 1980 (ARRANGED BY ACRES OF CRCP)

	ACRES	AVERA	 GE	PROD PER	ے سے بھی سے بہت سے ہ	AVER PER	AGE ACRE	
FARM	PER		CRE	HR OF	GROW	HARV	TOTAL	TOTAL
<u>NO</u>	ENTR_	YIELD_L	ABOR *	LABOR_	_cosi_	_COSI_	COSI**	_REIURN
	ĄC	BU	HR	BU	\$	\$	\$	\$
824	69.5	66	2	42	115	19	142	113
112	49.0	65	1	51	92	19	121	144
836	8.0	75	2	35	99	20	137	150

- * TO GROW AND HARVEST THE CROP
- ** INCLUDES STORING AND SELLING COSTS
- *** VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED

 (RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED)

SUNFLOWERS

FACTORS FROM 1 ENTERPRISES OF OTHER GRAINS 1 COST ACCOUNT FARMS, 1980 (ARRANGED BY ACRES OF CROP)

				PROD		AVER	AGE	
	ACRES	AVER	AGE	PER		_PER/	ACRE	
FARM	PER		ACRE	HR OF	GROW	HARV	TOTAL	TCTAL
_ NO	ENTR		LABOR*	LABOR_	COSI	_COSI_	COSI**	<u> REIURN</u>
- 22	A C	LB	HR	LB	\$	\$	\$	\$
8 64	365.5	1,596	3	637	167	15	200	174

- * TO GROW AND HARVEST THE CROP
- ** INCLUDES STORING AND SELLING COSTS
- *** VALUE OF BY-PRODUCTS, IF ANY, DEDUCTED
 (RECEIPTS FROM GOVERNMENT PROGRAMS NOT INCLUDED)

FACTORS FROM 3 ENTERPRISES OF OATS 3 COST ACCOUNT FARMS, 1980 (READ ACROSS BOTH PAGES)

AVER	AGE	AVE	RAGE	RETUR	N PER	PROFIT	
PER	ACRE	PER	<u> </u>	HOUR	\$	ON	
	LABOR	NET	NET	OF	0F	ENTER-	FARM
PROFIT	RETURN	COST	RETURN	<u>LABOR</u>	<u> COSI</u>	PRISE	NO_
\$	\$	\$	\$	\$	\$. \$	
29-	21-	2.17	1.72	13.84-	0.79	2,058-	824
23	28	1.85	2.20	21 * 81	1.19	1,130	112
13	32	1.83	2.00	14 • 82	1.09	102	836

SUNFLOWERS

FACTORS FROM 1 ENTERPRISES OF OTHER GRAINS 1 COST ACCOUNT FARMS, 1980 (READ ACROSS BOTH PAGES)

AVER	AGE	AVE	RAGE	RETUR	N PER	PROFIT	
PER			<u>LB***</u>	HOUR	\$	ON	
	LABOR	NET	NET	0F	OF COCT	ENTER-	FARM
PROFIT	<u>REIURN</u>	COSI.	<u>REIURN</u> \$	LABOR_	_COSI	<u>PRISE</u>	NO_
	•	Φ	J.	•	Ψ.	*	
26-	7-	0.13	0.11	2.71-	0.87	9,466=	864
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