

Individual Factors and
Annual Averages
— *from* —
FARM COST ACCOUNTS
40 Farms -- 1956

Department of Agricultural Economics
Cornell University Agricultural Experiment Station
New York State College of Agriculture
A Unit of the State University of New York
Cornell University, Ithaca, New York

September 1957

CONTENTS

	Page
Introduction	1
Summary of Cost Account enterprises	4
Returns per hour of labor in other years	5
Overhead costs:	
Real estate	6
Labor	8
Equipment	10
Tractors	12
Trucks	14
Livestock:	
Dairy cows	16
Heifers	18
Chicks	19
Hens	20
Cash crops:	
Potatoes	22
Cabbage for processing	22
Canning factory beans	22
Canning factory tomatoes	23
Fruit:	
Apples	24
Pears	24
Peaches	25
Grapes	25
Sweet cherries	26
Sour cherries	26
Pasture, hay, and silage:	
Pasture	27
Hay	28
Grass silage	29
Corn silage	30
Grain:	
Corn	31
Oats	32
Wheat	33
Winter barley	34

INDIVIDUAL FACTORS AND ANNUAL AVERAGES FOR FARM COST ACCOUNTS, 1956

For the Cost Account year 1956 there were 40 New York State farmers who completed detailed records on their businesses in co-operation with the Department of Agricultural Economics, Cornell University.

This is a report on these farm businesses which shows the results for individual enterprises. Each enterprise is tabulated separately according to size of enterprise. Enterprises with 15 or more farms have been divided into three approximately equal groups. Averages for these groups and for all farms are shown.

The project was under the supervision of C.D. Kearl. The field work on the accounts was done by Frank Osterhoudt and C.D. Kearl. The closing of the books and the preparation of this report on results of the operation of the farms was done by Marjorie Evans, Oneta Shipe, Edith Slights, Wanda Triplehorn, Edna Wheeler, Ruth Baker, and Christina Morrison.

THE ECONOMIC SITUATION IN 1956

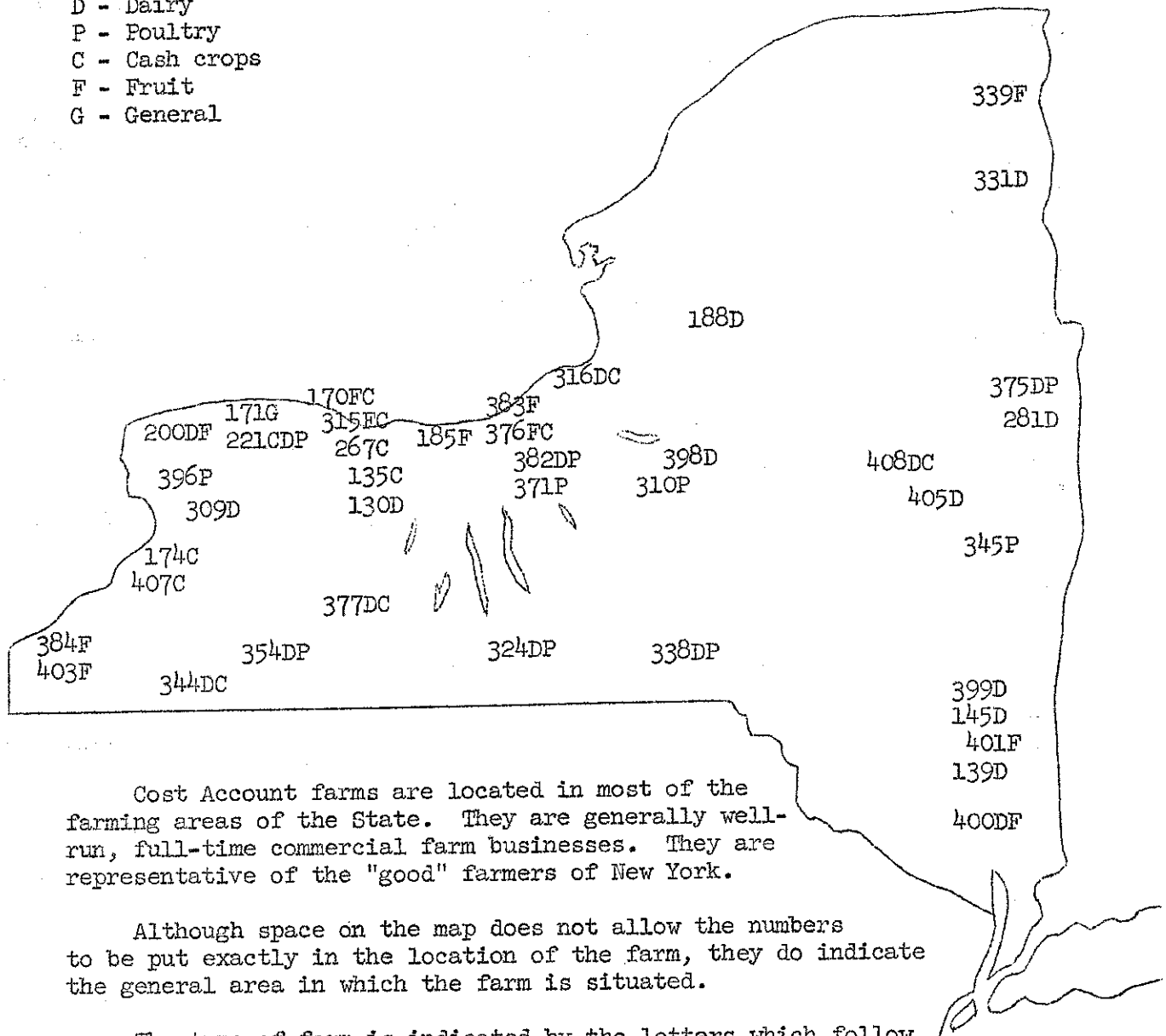
Year	New York farm prices	Prices of articles farmers buy	Earnings of factory workers	
1935-39	109	125	210	Farm prices during 1956 were higher than in either of the two previous years but below 1952 and 1953 levels. Prices of articles farmers buy were up about the same amount as farm prices. Wages and farm machinery prices continued upward. Fertilizer costs were about the same as in recent years. Feed prices declined, following the pattern of the three previous years.
1952-56	242	283	628	
1952	281	287	584	
1953	243	279	613	
1954	227	281	616	
1955	226	281	648	
1956	231	286	680	
Jan.	221	281	664	
Feb.	220	280	667	
March	219	282	666	Under these conditions, great differences in farm profits can be made if farmers will put emphasis on efficiency (i.e., output relative to input) and on the selection of low-cost substitutes.
April	221	284	670	
May	234	286	667	
June	239	286	671	
July	246	287	680	
August	232	288	684	
Sept.	233	287	689	
Oct.	228	287	696	
Nov.	234	289	700	
Dec.	238	290	708	Earnings of factory workers continued to increase. The 1956 level was about 7 per cent above that of 1955 and 15 per cent above 1952. Industrial production in 1956 reached a record high. Home building was off somewhat, and the number of motor cars produced was 25 per cent below 1955, but these declines were more than offset in other sectors of the economy.
1957				
Jan.	243	292	697	
Feb.	240	294	701	
March	245	295	704	
April	246	296	693	

Source: Farm Economics, No. 208, February, 1957; and No. 210, July, 1957

LOCATION OF FARMS

Legend

D - Dairy
P - Poultry
C - Cash crops
F - Fruit
G - General



Cost Account farms are located in most of the farming areas of the State. They are generally well-run, full-time commercial farm businesses. They are representative of the "good" farmers of New York.

Although space on the map does not allow the numbers to be put exactly in the location of the farm, they do indicate the general area in which the farm is situated.

The type of farm is indicated by the letters which follow the farm number. The combinations of letters indicate that there was more than one type of major enterprise on the farm. General type farms include those with a number of different types of enterprises, none of which is important enough to warrant classifying the farm by a type of enterprise.

YIELDS FOR CROPS AND LIVESTOCK

Item	Unit	New York State*			Cost
		1936-40	1946-55	1956	Account 1956
Hay	tons	1.3	1.7	1.7	2.1
Corn silage	tons	8.9	9.7	9.8	10.0
Corn grain	bu.	34	44	53	57
Wheat	bu.	24	31	31	36
Oats	bu.	30	38	44	49
Barley	bu.	25	31	37	38
C.F. Tomatoes	tons	7.6	8.8	6.5	7.1
Cows	lbs.	5,628	6,588	7,280	10,329
Hens	eggs	154	188	202	214

* AMS Reports and unpublished tabulations

The weather was favorable for grain and forage crops but not for tomatoes. Yields, reflecting the weather conditions, were good for most New York crops. Cost Account farmers had somewhat higher yields of all crops than did New York State farmers in general. Livestock too produced higher on the Cost Account farms. Grain yields were four to five bushels better. Milk yields were about a third higher, and hens produced seven per cent more eggs.

WEATHER CONDITIONS AT FIVE NEW YORK STATIONS, 1956*

Station	Length of growing season** days	May 1 - Sept. 30		Annual total	
		Temperature degrees	Precipitation inches	Precipitation inches	Departure from normal inches
Albion	140	63.5	18.8	34.2	+3.3
Ithaca	118	60.8	18.0	37.9	+2.7
Canton	125	61.0	14.4	31.5	-4.3
Poughkeepsie	138	66.9	18.5	36.3	-4.5
Schenectady	156	64.5	14.6	34.0	-1.3

* Weather Bureau, U.S. Department of Commerce, Annual Summary, 1956

** Number of days between last and first frost

Although the 1956 annual precipitation in many parts of the State was below normal, much of the rain that came fell during the growing season. Temperatures from May to September were generally below normal. This damp, cool weather was good for forage crops and grain. The growing season was one of the shortest in recent years. Cool damp weather and a short growing season seriously hampered tomato harvest. The fruit was there but just never ripened.

Summary, 1956
Crop Enterprises

Crop	Number of accounts	Average acres per enterprise	Average yield per acre	Returns per hour of labor	Hours of labor per acre	Profit on enterprise	Profit per acre
<u>Vegetables:</u>							
Tomatoes, C.F.	6	34.3	7.1 tons	\$0.50	86	\$ -2,777	\$ -81
Beans, C.F.	5	65.2	5,580 lbs.	1.38	135	2,855	44
<u>Fruit:</u>							
Apples	10	60.7	343 bu.	2.90	120	9,809	162
Sweet cherries	5	4.0	531 lbs.	-0.19	28	-204	-51
Sour cherries	6	16.4	2,126 lbs.	1.04	88	-448	-27
Peaches	8	6.4	154 bu.	1.35	158	-157	-25
Grapes	5	13.3	4.7 tons	2.69	141	2,339	175
<u>Grain:</u>							
Wheat	20	22.4	36 bu.	4.12	7	465	21
Corn for grain	16	34.0	57 bu.	0.64	9	-208	-6
Oats	17	19.7	49 bu.	-1.12	8	-376	-19
Barley	9	24.9	38 bu.	0.08	6	-181	-7
<u>Hay and Silage:</u>							
Hay	29	45.0	2.1 tons	1.33	7	58	1
Corn silage	17	21.3	10 tons	-0.17	14	-391	-18
Grass silage	12	24.1	7 tons	1.62	8	94	4

Livestock Enterprises

Enterprise	Number of accounts	Average num- ber of head per farm	Production per head	Returns per hour of labor	Hours of labor per head	Profit on enterprise
Dairy cows	22	41	10,329 lbs.	\$ 1.46	91	\$ 1,352
Hens	13	3,400	214 eggs	0.63	0.9	-1,951
Raising chicks	17	2,135*	--	1.60	13**	101

* Number of chicks started

** Per 100

Summary of Returns per Hour of Labor

	1914 to 1918	1919 to 1923	1924 to 1928	1929 to 1933	1934 to 1938	1939 to 1943	1944 to 1948	1949 to 1953	1955	1956
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>Farm enterprise</u>										
<u>Livestock:</u>										
Dairy cows	0.30	0.25	0.40	0.14	0.25	0.55	1.49	1.41	1.36	1.46
Hens	0.28*	0.84	0.47	0.31	0.29	0.77	1.34	1.38	1.78	0.63
Raising chicks	--	--	--	0.46	0.33	0.48	0.48	0.83	2.02	1.60
<u>Fruit:</u>										
Apples	--	0.70*	0.79	0.45	0.45	0.85	1.60	2.01	1.41	2.90
Sweet cherries	--	--	--	--	--	--	--	--	2.25	-0.19
Sour cherries	--	--	--	--	--	--	--	--	0.70	1.04
Peaches	--	--	--	0.42*	0.54	0.56	1.57	1.11	1.09	1.35
Grapes	--	--	--	--	--	--	--	--	2.51	2.69
<u>Grain:</u>										
Corn	0.13	-0.01	-0.13	0.03	0.22	0.58	1.79	2.25	0.87	0.64
Oats	0.11	-0.31	0.03	-0.34	-0.02	0.14	0.76	0.37	-1.72	-1.12
Wheat	0.58	-0.03	0.20	-0.03	0.47	1.17	3.15	3.47	3.86	4.12
Barley	--	--	--	--	--	--	--	--	1.73	0.08
<u>Hay and Silage:</u>										
Hay other than alfalfa	0.73	0.66	0.08	-0.01	0.18	0.51	1.09	--	--	--
All hay	--	--	--	--	--	--	--	1.37	0.89	1.33
Corn silage	--	--	--	--	--	--	--	--	--	-0.17
Grass silage	--	--	--	--	--	--	--	--	--	1.62
<u>Vegetables:</u>										
Tomatoes, C.F.	--	--	--	0.24*	0.41	0.67	1.56	1.39	1.35	0.50
Beans, C.F.	--	--	--	--	--	--	--	--	--	1.38

* Less than five years

Factors from REAL ESTATE Accounts, 1956

40 Farms

(Arranged by farm number)

Farm number	Acres cropland	Total acres	Value land and buildings	Cost of cropland per acre	Building cost in per cent of value
	<u>acres</u>	<u>acres</u>	<u>\$</u>	<u>\$</u>	<u>%</u>
130	185.6	225.9	24,984	4.27	10.5
135	91.9	153.0	16,930	5.53	12.4
139	73.5	106.7	24,650	8.72	9.4
145	99.5	124.2	24,605	3.45	17.9
170	132.6	403.4	71,550	11.13	15.8
171	177.9	222.1	25,392	4.15	14.3
174	152.6	178.0	104,590	20.70	29.6
185	--	118.6	67,950	--	24.4
188	183.0	506.6	45,988	4.80	19.6
200	171.5	271.6	40,814	5.59	36.0
221	560.4	586.5	84,295	7.56	28.1
267	235.9	385.6	58,245	7.34	8.1
281	118.8	160.3	23,583	4.12	14.4
309	97.0	168.8	17,604	3.29	22.1
310	51.6	68.0	27,018	4.09	24.1
315	285.2	571.0	113,963	7.82	18.9
316	173.1	274.6	54,864	9.69	25.8
324	89.0	216.2	31,261	4.94	14.8
331	230.1	514.0	20,834	4.30	30.6
338	24.7	83.0	7,950	2.19	12.1
339	--	143.2	43,378	--	16.0
344	148.5	376.0	45,092	4.69	12.3
345	85.0	210.8	64,172	2.15	6.1
354	51.1	141.1	20,702	4.93	22.5
371	128.0	175.8	19,492	2.92	14.7
375	169.5	608.0	99,430	5.50	13.7
376	23.0	182.2	59,716	7.26	10.0
377	196.4	281.9	46,216	7.66	12.2
382	131.7	230.1	26,526	6.44	22.3
383	16.6	141.3	34,762	14.10	23.0
384	32.7	85.7	49,782	19.33	11.3
396	27.2	28.6	31,742	6.32	9.6
398	151.3	303.3	43,515	4.34	18.6
399	91.0	206.0	43,762	19.34	12.9
400	63.1	146.9	23,390	10.89	14.5

- continued -

Factors from REAL ESTATE Accounts, 1956
 40 Farms
 - continued -

Farm number	Acres cropland <u>acres</u>	Total acres <u>acres</u>	Value land and buildings <u>\$</u>	Cost of cropland per acre <u>\$</u>	Building cost in per cent of value <u>%</u>
401	12.5	83.0	20,325	5.44	13.7
403	45.1	161.5	42,186	9.36	16.1
405	140.0	188.0	26,480	4.50	10.2
407	132.0	160.0	48,946	14.55	22.1
408	175.0	293.5	34,206	8.75	22.2
Annual averages, all farms:					
1956	123.8	237.1	42,772	7.18	16.8
1955	114.2	221.0	40,641	6.22	13.8
1954	121.7	225.6	40,839	6.55	13.6
1953	120.7	226.0	37,384	6.57	15.0
1952	118.5	224.6	35,151	5.97	14.9

Factors from 40 LABOR Accounts, 1956
(Arranged by man equivalent)

Farm number	No. of men	Total hours per farm	Hours per man	Farm operator		Average cost per month for regular hired men			Cost per hour for help	Average cost	
				Wage per mo.	Privi- leges per mo.	Wage and privileges \$	Wage and board \$	Wage only \$		per hour for all labor	Average cost per man
		hours	hours	\$	\$	\$	\$	\$	\$	\$	\$
174	19.7	49,869	2,531	477	7	299	--	351	0.92	1.37	3,467
315	16.0	44,895	2,806	427	116	348	--	293	1.30	1.40	3,932
407	15.9	41,183	2,590	444	107	406	--	232	0.92	1.16	2,995
221	14.9	42,092	2,825	385	94	298	225	233	1.00	1.22	3,434
170	11.2	29,652	2,648	316	60	306	--	332	1.37	1.47	3,895
339	10.1	26,195	2,594	368	--	--	--	294	1.40	1.53	3,963
376	8.3	19,598	2,361	300	56	294	--	--	1.00	1.33	3,138
185	8.2	20,429	2,491	510	77	384	--	280	1.25	1.67	4,168
316	7.0	19,511	2,787	250	87	291	207	--	0.87	1.13	3,160
375	6.2	17,355	2,799	302	95	297	--	235	1.14	1.22	3,417
399	4.8	12,548	2,614	304	108	341	--	238	0.73	1.34	3,511
383	4.5	11,212	2,492	427	49	394	--	--	1.16	1.84	4,592
403	4.2	9,292	2,212	344	56	280	--	--	1.02	1.70	3,759
267	3.7	8,835	2,388	227	45	264	--	--	1.81	1.57	3,751
331	3.6	11,085	3,079	303	53	246	280	132	2.06	0.95	2,938
377	3.6	10,747	2,985	259	91	--	201	109	1.09	0.95	2,836
188	3.5	13,428	3,837	427	61	288	--	--	1.05	1.16	4,449
200	3.4	11,327	3,331	258	93	391	--	--	1.16	1.17	3,911
384	3.4	8,874	2,610	213	52	244	--	--	1.16	1.17	3,059
345	3.3	8,286	2,511	330	140	--	--	240	1.13	1.55	3,899
398	3.3	11,909	3,609	420	59	--	181	203	1.14	0.98	3,540
281	3.1	8,904	2,872	256	50	--	248	--	1.11	0.97	2,788
344	2.9	8,785	3,029	302	50	281	--	--	0.71	1.18	3,574
310	2.8	7,740	2,764	302	170	--	186	204	0.98	1.32	3,637
324	2.5	7,405	2,962	254	51	287	232	--	--	1.15	3,392
309	2.4	6,128	2,553	210	97	--	149	226	0.50	1.06	2,715
401	2.4	5,355	2,231	339	52	--	--	243	1.43	1.75	3,902
371	2.3	6,406	2,785	203	40	--	--	--	0.55	1.05	2,924
382	2.3	6,932	3,014	336	60	--	--	--	0.93	1.20	3,625
405	2.2	7,284	3,311	250	39	--	--	438	1.02	0.96	3,177
354	2.1	6,848	3,261	290	39	--	--	--	0.42	1.17	3,830
400	2.0	5,762	2,881	200	56	--	99	55	--	0.74	2,134
396	1.8	4,528	2,516	410	75	--	--	--	1.33	1.94	4,883
171	1.6	4,980	3,112	260	67	--	--	--	1.00	1.15	3,578
338	1.4	4,390	3,136	158	43	--	--	--	1.00	0.70	2,181

- continued -

Factors from 40 LABOR Accounts, 1956
- continued -

Farm number	No. of men	Total hours per farm	Hours per man	Farm operator		Average cost per month for regular hired men			Cost per hour for help	Average cost per hour for all labor	Aver- age cost per man
				Wage per mo.	leges per mo.	Wage and privileges	Wage and board	Wage only			
		hours	hours	\$	\$	\$	\$	\$	\$	\$	\$
408	1.4	3,631	2,594	261	74	--	--	--	0.96	1.43	3,698
135	1.3	3,536	2,720	216	63	--	--	--	0.53	1.08	2,929
139	1.3	5,556	4,274	250	70	--	--	100	--	0.77	3,302
130	1.2	3,834	3,195	300	76	--	--	--	1.09	1.29	4,117
145	1.2	3,502	2,918	229	129	--	--	--	0.75	1.43	4,160

Averages for 1956, by thirds according to number of men, weighted by farms:

High	10.1	26,449	2,596	373	70	328	216	276	1.08	1.41	3,649
Medium	3.1	9,201	2,912	293	76	286	211	194	1.18	1.21	3,456
Low	1.7	5,168	3,055	259	64	--	99	198	0.87	1.15	3,426

Annual averages, all farms, weighted by number of men:

1956	4.9	13,496	2,740	308	70	312	196	248	1.10	1.29	3,541
1955	4.7	13,129	2,789	270	73	283	224	235	1.01	1.19	3,305
1954	4.9	13,789	2,815	268	75	280	220	236	0.96	1.14	3,208
1953	4.4	12,553	2,823	267	73	280	207	251	0.98	1.15	3,247
1952	3.9	11,143	2,823	250	81	254	187	229	0.99	1.13	3,201

Factors from 40 EQUIPMENT Accounts, 1956
(Arranged by equipment investment)

Farm number	Equipment other than power* equipment					Total invest- ment for		Proportion of farm capital that is:		Custom work	
	Invest- ment	Net annual cost	Cost in per cent of invest- ment	Invest- ment per crop** acre	Cost per crop** acre	equipment and power	Equip.	Power* and equip.		Spent for	Rec'd. from
	\$	\$	%	\$	\$	\$	%	%		\$	\$
221	32,757	18,384	56	46	26	51,757	18	28		--	2,149
174	31,279	11,353	36	130	47	45,619	18	26		1,120	120
315	22,660	9,727	43	53	23	34,710	12	18		432	--
170	21,663	7,139	33	64	21	34,588	16	25		231	553
316	19,696	7,127	36	114	41	29,768	16	24		200	25
267	17,356	4,790	28	74	20	28,871	18	30		65	--
375	17,305	5,978	35	102	35	24,250	10	14		45	--
185	17,191	8,796	51	185	95	26,316	15	22		--	--
339	16,939	5,696	34	142	48	22,446	18	24		220	--
345	15,526	4,790	31	148	46	20,026	15	20		--	--
324	12,480	3,338	27	155	41	17,430	19	26		--	1,382
331	12,180	4,177	34	53	18	17,342	18	26		--	--
384	11,880	3,104	26	138	36	18,190	17	26		43	--
382	11,745	3,389	29	39	11	20,511	14	25		--	--
398	10,603	3,552	33	67	22	16,828	11	18		--	--
200	10,092	2,681	27	41	11	15,654	14	21		879	120
376	10,062	3,697	37	57	21	18,470	11	20		--	541
377	9,888	3,463	35	50	18	14,818	10	14		--	237
344	9,821	3,882	40	60	24	14,846	11	17		59	325
171	9,261	1,923	21	43	9	14,674	16	25		267	--
399	9,036	3,767	42	42	18	16,060	9	16		85	260
407	8,954	3,475	39	34	13	16,649	9	16		1,030	--
383	7,940	4,170	53	77	40	13,049	12	20		--	51
354	7,768	1,161	15	147	22	8,893	17	19		--	--
403	6,787	3,193	47	57	27	12,103	11	19		163	--
400	6,508	1,499	23	87	20	10,558	12	19		--	--
309	6,025	1,575	26	40	10	9,188	12	19		140	17
188	5,995	2,447	41	29	12	13,445	6	14		--	--
281	4,844	2,157	45	28	12	8,444	8	14		458	--
405	4,368	1,705	39	31	12	6,434	8	12		108	--
130	3,976	1,811	46	21	10	7,826	9	17		120	--
135	3,746	860	23	40	9	6,996	14	26		730	270
139	3,654	1,055	29	50	14	5,204	8	11		34	--
396	3,584	1,050	29	123	36	4,464	9	11		188	--
371	3,299	2,034	62	26	16	7,339	9	20		90	--
310	3,246	1,497	46	63	29	4,046	8	10		800	--
408	3,086	1,083	35	11	4	5,736	6	12		480	120
338	2,589	671	26	105	27	3,764	14	20		149	--
401	2,497	1,348	54	40	21	4,972	6	13		--	--
145	1,538	866	56	15	9	4,095	4	10		1,011	--

- continued -

Factors from 40 EQUIPMENT Accounts, 1956
(Arranged by equipment investment)

Farm number	Equipment other than power* equipment					Total invest- ment for equipment and power	Proportion of farm capital that is:		Custom work	
	Invest- ment	Net cost	of invest- ment	per crop** acre	Cost per crop** acre		Power*		Spent for	Rec'd from
	\$	\$	%	\$	\$	\$	%	%	\$	\$

Averages for 1956, by thirds according to investment in equip., weighted by farms:

High	19,147	7,261	36	108	38	28,563	16	24	181	325
Medium	8,892	2,959	33	60	19	14,450	12	19	187	111
Low	3,571	1,430	41	45	16	6,363	8	15	321	30

Annual averages, based on totals for all farms:

1956	10,496	3,860	37	60	22	16,408	13	20	229	154
1955	9,382	3,244	35	58	20	14,689	12	19	264	88
1954	8,906	3,141	35	51	18	14,039	12	18	325	131
1953	8,203	2,949	36	50	18	13,195	11	18	364	194
1952	7,463	2,456	33	48	16	12,354	11	18	368	175

* Trucks, tractors, and farm-share of auto

** Includes cropland, orchard, and vineyard

Factors from 77 TRACTOR Accounts, 1956
(Arranged by hours of use)

Farm number	Average value	Annual cost per tractor				Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
		Depreciation and cash repairs		All other	Total cost			
		Fuel						
	\$	\$	\$	\$	\$	gallons	hours	\$
One-plow tractors, 6 tractors in 6 accounts:								
384	550	158	84	141	383	0.8	460	0.83
384	900	291	74	164	529	0.8	407	1.30
376	275	51	54	48	153	0.9	330	0.46
324	675	150	50	71	271	0.8	281	0.96
403	168	142	21	30	193	0.7	156	1.24
324	425	50	14	43	107	0.7	89	1.20
Two-plow tractors, 36 tractors in 36 accounts:								
408	2,250	517	118	192	827	1.0	779	1.06
354	950	154	161	61	376	1.2	738	0.51
139	950	355	109	88	552	0.6	695	0.79
384	1,988	262	259	204	725	1.8	662	1.10
221	550	162	185	83	430	1.5	653	0.66
135	1,900	272	203	159	634	1.5	635	1.00
398	1,100	444	82	104	630	0.8	593	1.06
200	900	456	120	115	691	1.1	588	1.18
316	850	368	145	125	638	1.0	586	1.09
221	498	35	93	153	281	0.9	562	0.50
399	525	268	223	100	591	1.9	548	1.08
331	500	274	208	135	617	1.7	543	1.14
405	1,065	122	159	93	374	1.2	539	0.69
281	1,425	192	97	72	361	1.0	523	0.69
403	1,062	225	109	67	401	1.1	511	0.78
331	1,350	460	184	175	819	1.6	508	1.61
403	980	308	104	84	496	1.1	498	1.00
405	650	269	109	87	465	0.9	495	0.94
376	450	203	120	67	390	1.5	455	0.86
331	1,200	590	183	146	919	1.8	450	2.04
188	575	182	86	83	351	1.0	428	0.82
200	700	224	92	106	422	1.2	394	1.07
221	550	163	64	176	403	0.9	383	1.05
130	1,800	357	188	169	714	2.0	378	1.89
145	1,770	311	102	174	587	1.4	377	1.56
221	625	190	66	131	387	0.9	377	1.03
344	800	270	80	83	433	1.2	372	1.16
130	1,300	216	183	113	512	2.0	364	1.41
371	600	138	114	67	319	2.0	306	1.04
338	725	113	73	61	247	1.5	233	1.06
376	438	127	81	84	292	2.1	221	1.32
396	375	88	64	23	175	1.4	212	0.83
331	350	187	79	52	318	1.8	195	1.63
399	462	192	65	73	330	1.8	170	1.94
135	300	236	42	85	363	1.4	146	2.49
376	675	155	37	90	282	1.6	132	2.14

- continued -

Factors from 77 TRACTOR Accounts, 1956
- continued -

Farm number	Average value	Annual cost per tractor				Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
		Depreciation and cash repairs	Fuel	All other	Total cost			
	\$	\$	\$	\$	\$	gallons	hours	\$
Three-plow tractors, 18 tractors in 18 accounts:								
221	2,900	818	529	321	1,668	2.3	1,257	1.33
221	1,600	327	303	230	860	2.0	827	1.04
188	1,350	323	291	134	748	2.0	748	1.00
221	1,500	554	261	270	1,085	2.0	712	1.52
316	1,900	330	205	172	707	1.3	712	0.99
221	2,400	739	239	279	1,257	2.0	650	1.93
281	675	493	198	82	773	1.6	649	1.19
324	2,450	718	212	168	1,098	1.6	627	1.75
344	1,550	690	194	121	1,005	1.7	615	1.63
316	750	113	277	140	530	2.1	594	0.89
371	2,175	513	311	160	984	2.9	556	1.77
200	1,650	336	130	172	638	1.3	514	1.24
376	1,550	154	210	165	529	2.5	483	1.10
188	3,875	369	92	312	773	1.3	437	1.77
383	905	340	189	101	630	1.9	415	1.52
398	1,800	345	142	158	645	2.1	402	1.60
399	2,750	649	211	220	1,080	2.8	348	3.10
200	62	25	12	22	59	1.5	44	1.34
Combinations, 62 tractors in 17 accounts:								
377	1,181	391	186	114	691	1.1	877	0.79
407	976	342	204	98	644	1.2	785	0.82
315	1,263	528	251	273	1,052	2.2	674	1.56
339	738	226	116	196	538	0.9	658	0.82
170	1,193	386	227	153	766	1.6	621	1.23
267	1,962	259	197	154	610	1.9	557	1.09
315	1,021	186	107	122	415	1.1	538	0.77
401	775	102	77	57	236	0.7	498	0.47
400	1,778	98	123	136	357	1.3	484	0.74
382	1,835	513	150	107	770	1.8	443	1.74
171	1,400	156	105	120	381	1.3	386	0.99
185	1,242	146	70	173	389	1.2	310	1.25
345	1,388	308	126	92	526	1.9	310	1.70
174	650	178	95	65	338	1.8	274	1.23
375	1,517	199	113	81	393	2.3	268	1.47
309	1,142	126	110	60	296	2.0	251	1.18
339	525	129	46	88	263	1.3	178	1.48
Averages for 1956, weighted by number of tractors:								
One-plow:	499	140	50	83	273	0.8	287	0.95
Two-plow:	922	252	122	108	482	1.3	451	1.07
Three-plow:	1,769	435	223	179	837	1.9	588	1.42
Annual averages, all tractors, weighted by number of tractors:								
1956	1,157	276	141	124	541	1.5	469	1.15
1955	1,176	253	131	110	494	1.4	469	1.05
1954	1,151	257	137	112	506	1.4	507	1.00
1953	1,099	253	134	114	501	1.3	519	0.97
1952	1,102	216	128	114	458	1.3	529	0.87

Factors from 56 TRUCK Accounts, 1956
(Arranged by cost per truck)

Farm number	Average value \$	Annual cost per truck				Miles of use per truck miles	Miles per gallon of gas miles	Average cost per mile of use ¢	
		Depreciation and cash repairs		Fuel	All other				Total cost
		\$	\$						
Large trucks, 27 trucks in 27 accounts:									
331	1,100	737	286	355	1,378	9,900	9	13.9	
221	1,100	928	162	272	1,362	3,569	5	38.2	
221	850	652	242	332	1,226	5,281	5	23.2	
221	1,000	605	216	319	1,140	4,860	5	23.5	
376	1,400	455	265	332	1,052	10,721	9	9.8	
377	900	742	71	183	996	2,465	8	40.4	
344	1,400	445	298	223	966	---	--	--	
221	1,225	401	265	291	957	7,342	7	13.0	
398	950	373	185	330	888	9,157	12	9.7	
267	1,440	332	135	333	800	5,100	10	15.7	
316	350	296	80	330	706	3,486	11	20.3	
339	762	282	71	321	674	---	--	--	
200	500	296	111	209	616	3,030	6	20.3	
376	669	142	188	221	551	5,130	6	10.7	
188	400	185	92	265	542	1,994	6	27.2	
324	238	160	103	188	451	2,690	6	16.8	
316	650	251	69	82	402	764	3	52.6	
403	490	157	81	162	400	2,533	8	15.8	
188	350	129	99	153	381	2,706	7	14.1	
384	475	62	78	239	379	2,342	8	16.2	
383	--	91	65	140	296	---	--	--	
408	175	74	73	149	296	---	--	--	
171	475	55	53	131	239	2,090	10	11.4	
188	475	90	42	55	187	906	6	20.6	
130	125	96	12	75	183	---	--	--	
139	150	100	9	55	164	---	--	--	
344	175	--	28	33	61	---	--	--	
Small trucks, 22 trucks in 22 accounts:									
399	2,250	561	292	348	1,201	14,400	12	8.3	
376	1,292	640	207	210	1,057	11,530	13	9.2	
267	1,364	372	318	167	857	14,400	12	6.0	
221	1,100	480	158	158	796	8,299	12	9.6	
316	75	164	345	266	775	12,431	8	6.2	
145	750	384	155	166	705	6,250	10	11.3	
382	1,862	405	111	186	702	3,983	9	17.6	
371	525	380	114	204	698	---	--	--	
403	1,158	340	150	157	647	8,086	14	8.0	
185	500	286	102	238	626	5,249	14	11.9	

- continued -

Factors from 56 TRUCK Accounts, 1956
- continued -

Farm number	Average value \$	Annual cost per truck				Miles of use per truck miles	Miles per gallon of gas miles	Average cost per mile of use ¢
		Depreciation and cash repairs \$	Fuel \$	All other \$	Total cost \$			
316	625	190	81	299	570	3,674	10	15.5
281	1,650	225	116	196	537	5,411	11	9.9
200	250	261	58	174	493	2,738	11	18.0
396	505	227	93	85	405	---	---	---
401	650	104	110	167	381	---	---	---
339	412	116	65	189	370	---	---	---
384	475	111	40	186	337	1,513	10	22.3
171	650	109	71	142	322	3,264	12	9.9
135	725	96	88	122	306	4,037	10	7.6
338	450	135	28	128	291	1,294	12	22.5
376	126	152	35	99	286	1,010	7	28.3
309	100	18	37	71	126	---	---	---

Combinations, 26 trucks in 7 accounts:

315	1,425	539	170	266	975	---	---	---
407	933	306	156	339	801	---	---	---
315	650	347	149	294	790	---	---	---
170	1,360	340	143	182	665	---	---	---
174	852	328	142	162	632	---	---	---
375	600	235	64	147	446	---	---	---
345	588	224	86	118	428	---	---	---

Averages for 1956, weighted by number of trucks:

Large trucks	660	301	125	214	640	4,303	7**	17.0**
Small trucks	795	262	126	180	568	6,328	11***	9.8***

Annual averages, all trucks, weighted by number of trucks:

1956	811	304	129	202	635	5,233	9****	13.0****
1955	832	298	117	186	601	5,067	10	11.8
1954	765	298	121	195	614	5,758	9	11.5
1953	728	246	113	197	556	5,442	10	11.5
1952	783	243	106	177	526	4,509	9	12.5

* Mileage unknown

** Based on 20 large trucks with known mileage

*** Based on 17 small trucks with known mileage

**** Based on 37 trucks with known mileage

Factors from 22 DAIRY COW Accounts, 1956
(Arranged by number of cows)

Farm number	Size of herd cows	Value per cow \$	Feed per cow			Cost of feed and bedding per cow \$	Depre- ciation per cow \$	Average per 100 pounds of milk	
			Grain pounds	Hay tons	Silage tons			Cost \$	Value \$
398	75.1	214	3,047	2.1	5.6	221	17	3.73	4.04
188	68.6	288	3,415	2.7	4.5	227	26*	3.62	4.15
221	60.0	190	3,274	1.1	18.4**	209	29	4.41	4.66
399	54.8	309	4,441	1.6	6.8	331	14	4.49	4.98
344	53.3	257	4,280	1.9	5.6	246	22*	3.32	4.09
375	52.1	194	3,048	3.7	6.8	261	10	4.11	4.58
382	50.1	181	3,588	2.0	4.9	202	11	2.97	4.24
400	48.6	256	3,388	2.4	4.2	263	44	4.23	4.83
281	47.7	279	5,534	2.5	5.6	322	30	4.58	4.69
405	47.5	206	2,492	1.3	3.2	154	65	4.92	5.93
331	45.7	246	3,030	2.6	6.6	228	11	3.30	4.26
377	41.2	356	5,761	2.4	6.2	329	30	4.28	4.17
309	40.5	259	2,908	3.6	4.9	217	52	4.08	4.65
316	36.5	411	3,220	2.0	6.3	256	197	7.90	5.13
200	31.5	271	2,523	2.4	3.6	179	22	4.31	4.52
354	27.8	192	3,318	2.7	1.7	271	22	4.16	4.59
130	26.5	200	3,844	2.3	7.8	208	36	4.74	4.52
324	26.0	254	3,435	1.3	13.3	289	16	4.06	4.08
145	24.5	199	2,191	2.0	3.1	193	50	6.29	5.56
139	24.0	338	4,305	4.2	3.7	305	19	5.03	4.65
408	14.2	282	2,423	1.2	4.6	162	47	5.16	4.03
338	10.8	209	3,565	3.8	--	204	11	4.31	4.64

Averages for 1955, by thirds according to number of cows, weighted by farms:

High	59.1	233	3,585	2.2	7.5	242	5	3.81	4.39
Medium	42.4	286	3,607	2.4	5.1	244	56	4.70	4.77
Low	22.0	239	3,297	2.5	4.9	233	29	4.82	4.58

Annual averages, all farms, weighted by number of cows:

1956	41.2	252	3,551	2.3	6.2	243	27	4.21	4.53
1955	39.2	252	3,783	2.3	5.4	238	25	3.99	4.31
1954	36.2	256	3,421	2.3	5.6	235	40	4.32	4.29
1953	33.5	277	3,493	2.3	5.6	251	53	4.50	4.49
1952	31.0	296	3,537	2.2	5.2	258	27	4.41	4.81

* Indicates appreciation per cow

** Almost zero regular pasture

Factors from 22 DAIRY COW Accounts, 1956
(Read across both pages)

Milk per cow cwt.	Milk test %	Average per cow			Labor returns		Labor per cow hours	Profit on enter- prise \$	Farm number
		Cost	Returns	Profit	Per cow	Per hour			
		\$	\$	\$	\$	\$			
105	3.5	422	455	33	133	1.30	102	2,458	398
102	3.5	437	491	54	190	1.62	118	3,698	188
108	3.6	503	530	27	131	1.77	74	1,622	221
123	3.5	594	654	60	195	1.94	100	3,273	399
111	3.7	432	517	85	177	2.29	77	4,550	344
106	3.6	457	507	50	146	1.85	79	2,591	375
113	3.5	373	516	143	226	3.29	69	7,178	382
105	3.6	467	530	63	127	1.47	86	3,056	400
123	3.6	595	609	14	117	1.10	106	654	281
72	5.0	375	448	73	157	1.79	87	3,465	405
108	3.6	411	515	104	184	2.23	83	4,736	331
123	3.9	599	586	-13	116	0.86	136	-530	377
102	3.5	451	509	58	146	1.77	82	2,362	309
78	5.1	638	423	-215	-142	-2.19	65	-7,853	316
97	3.4	440	460	20	133	1.40	96	637	200
106	3.5	464	509	45	126	1.83	69	1,257	354
82	3.6	412	394	-18	65	1.01	65	-484	130
115	3.5	515	517	2	111	1.17	95	52	324
67	4.5	449	400	-49	72	0.85	85	-1,200	145
88	3.7	491	457	-34	34	0.39	88	-810	139
81	3.6	434	343	-91	38	0.42	90	-1,293	408
89	3.7	428	458	30	144	0.88	164	325	338

Averages for 1955, by thirds according to number of cows, weighted by farms:

110	3.6	459	524	65	171	2.01	88	3,624	High
101	4.0	497	510	13	105	1.05	93	816	Medium
90	3.7	456	440	-16	84	0.94	94	-308	Low

Annual averages, all farms, weighted by number of cows:

103	3.8	469	502	33	132	1.46	91	1,352	1956
106	3.7	457	490	33	130	1.36	95	1,290	1955
101	3.7	473	470	-3	97	0.98	99	-106	1954
105	3.7	510	509	-1	103	1.00	104	-37	1953
102	3.7	493	534	41	148	1.39	106	1,267	1952

Factors from 22 HEIFER Accounts, 1956
(Arranged by number of heifers)

Farm number	Number of heifers*	Average age end of year**	Heifer equivalent raised***	Average per heifer	
				Cost****	Value
	heifers	months	number	\$	\$
331	90	18	24.8	395	220
398	77	16	19.3	263	209
344	70	18	20.5	259	175
399	64	19	20.9	372	238
382	60	19	20.8	202	233
316	59	21	17.3	502	262
377	57	18	16.3	454	321
375	55	19	17.7	185	170
281	54	18	17.7	295	354
221	52	16	16.9	215	242
309	47	21	12.5	218	204
405	45	18	12.7	294	200
139	41	19	12.1	372	252
188	38	19	12.2	310	300
145	34	17	11.0	238	156
130	33	21	11.2	179	157
354	27	20	8.8	288	168
400	27	16	5.2	252	269
408	20	18	7.7	175	250
200	15	15	4.2	260	238
324	15	16	4.9	321	200
338	7	16	2.0	420	175

Averages for 1956, by thirds according to number of heifers, weighted by farms:

High	68	18	20.0	350	237
Medium	46	18	14.1	266	235
Low	21	17	6.3	271	208

Annual averages, all farms, weighted by number of heifers:

1956	45	18	13.5	298	230
1955	47	18	13.9	298	224
1954	44	18	13.1	311	234
1953	43	17	13.2	316	239
1952	38	16	11.1	343	297

* Total number of heifers in the account during the year

** At end of year, time of transfer to cow account, time of sale or death

*** To 27.5 months of age

**** Includes cost of calf started and an adjustment for death losses

Factors from 17 CHICK Accounts, 1956*
(Arranged by number of chicks started)

Farm number	Number started	Per cent of chicks			Average per 100 chicks		Value per chick started	Average		Return per hour of labor	Profit on enter- prise
		Raised or sold	Broilers	Died	Feed	Labor		per mature equivalent Cost	Value		
	number	%	%	%	pounds	hours	¢	\$	\$	\$	\$
375	10,000	82	--	18	2,227	6	38	1.98	1.90	0.13	-636
345	9,456	49	47	4	1,446	6	25	1.30	2.25	8.90	4,344
354	3,700	90	1	9	2,974	12	33	2.08	2.00	0.61	-260
310	1,622	90	--	10	2,090	25	37	1.78	2.00	2.10	315
310	1,487	90	2	8	2,064	22	48	1.88	2.00	1.83	166
310	1,304	93	--	7	3,021	26	37	2.36	2.02	0.07	-416
324	1,200	92	2	6	1,917	16	36	1.95	1.75	-0.03	-225
371	1,020	97	1	2	2,606	15	37	1.94	2.25	3.00	308
171	1,000	84	--	16	2,531	28	41	2.61	2.00	-0.69	-508
324	1,000	83	--	17	2,200	21	36	2.20	1.75	-0.63	-371
396	1,000	97	1	2	1,928	16	39	1.81	2.25	4.61	427
338	949	88	9	3	2,875	47	38	2.33	2.00	0.06	-279
371	850	94	1	5	3,283	17	36	2.37	1.75	-2.43	-494
310	695	95	--	5	3,701	28	37	2.61	1.75	-1.55	-563
130	600	92	1	7	1,733	14	60	1.85	1.75	0.48	-58
396	260	92	--	8	2,212	15	56	2.27	2.25	1.76	-4
309	150	84	--	16	2,867	19	60	2.69	2.50	0.24	-24

Averages for 1956, by thirds according to number of chicks started, weighted by number of accounts:

High	4,595	83	8	9	2,304	16	36	1.90	2.03	2.27	586
Medium	1,044	90	1	9	2,236	19	38	2.10	2.00	1.25	-74
Low	584	91	2	7	2,778	23	48	2.35	2.00	-0.24	-237

Annual averages, all farms, weighted by number of chicks started:

1956	2,135	77	13	10	2,179	13	35	1.94	2.00	1.60	101
1955	2,494	78	9	13	2,045	14	35	1.88	2.04	2.02	312
1954	2,560	82	10	8	2,216	14	37	1.98	1.96	1.01	-41
1953	2,744	74	13	13	2,239	14	34	2.03	1.94	0.67	-177
1952	2,533	77	11	12	2,255	19	36	2.10	2.17	1.33	131

* 17 accounts on 11 farms

Factors from 13 HEN Accounts, 1956
(Arranged by number of birds)

Farm number	Size of flock birds	Eggs per hen eggs	Average per bird					
			Grain fed pounds	Mash fed pounds	Cost	Depre- ciation	Total cost	Total returns
					all feed \$			
						\$	\$	\$
375	15,836	223	35	63	3.55	1.54	6.79	6.34
345	5,342	224	36	70	4.10	1.68	8.19	7.93
310	4,341	245	29	97	4.69	1.88	9.63	9.65
396	3,167	196	34	66	3.41	0.71	7.66	7.21
324	3,043	169	7	87	3.71	1.27	6.89	5.60
221	2,962	202	--	105	3.74	1.75	8.04	5.98
354	2,865	227	8	99	4.13	1.40	7.73	7.25
371	2,774	188	25	76	3.34	1.93	7.29	5.82
171	1,310	211	51	69	3.94	0.90	6.61	7.24
338	1,100	222	45	55	3.94	1.17	6.57	6.99
130	667	157	19	71	2.50	1.18	5.57	5.32
309	547	162	43	62	3.71	1.50	7.11	6.44
139	241	157	59	47	4.11	1.70	8.90	5.32

Annual averages, all farms, weighted by number of birds:

1956	3,400	214	28	75	3.78	1.50	7.46	6.89
1955	2,834	201	34	72	3.93	0.90	6.71	7.32
1954	2,425	192	32	72	4.23	1.43	7.64	6.42
1953	2,041	185	36	71	4.26	1.16	7.56	8.06
1952	1,739	190	45	66	4.71	1.43	8.24	7.88

Factors from 13 HEN Accounts, 1956
(Read across both pages)

Per dozen eggs		Per 100 birds		Return		Profit	
Cost	Value	Labor returns	Labor	per hour of labor	Mortality	on enter-prise	Farm number
¢	¢	\$	hours	\$	per cent	\$	
36	34	33	63	0.51	20	-7,079	375
44	42	106	85	1.25	9	-1,382	345
48	48	148	111	1.34	29	105	310
47	44	180	115	1.56	18	-1,420	396
48	39	-50	68	-0.73	19	-3,914	324
48	35	-89	83	-1.07	35	-6,106	221
41	38	69	100	0.69	10	-1,376	354
46	37	-40	102	-0.39	16	-4,084	371
37	41	162	86	1.89	14	826	171
35	38	138	137	1.00	8	465	338
42	40	87	86	1.01	13	-164	130
52	47	50	110	0.45	20	-367	309
72	43	-182	227	-0.80	14	-862	139

Annual averages, all farms, weighted by number of birds:

42	39	54	85	0.63	19	-1,951	1956
40	44	162	91	1.78	18	1,734	1955
48	40	-13	98	-0.13	19	-2,959	1954
49	53	170	106	1.61	24	1,020	1953
52	50	82	113	0.73	20	-619	1952

Factors from 3 POTATO Accounts, 1956
(Arranged by acres of potatoes)

Farm number	Potatoes grown acres	Yield	Cost per acre		Average per bushel		Labor	Return	Profit
		per acre	Ferti- lizer	Growing	Cost	Value	per acre	per hour of labor	on enter- prise
		bu.	\$	\$	\$	\$	hours	\$	\$
267	54.3	391	43	214	1.01	1.09	96	1.91	1,730
316	42.0	442	83	314	1.23	1.24	108	1.16	115
221	10.0	410	53	202	0.98	0.90	141	0.95	-333

Factors from 3 CABBAGE FOR PROCESSING Accounts, 1956
(Arranged by acres of cabbage)

Farm number	Cabbage grown acres	Yield	Average per acre		Average per ton		Labor	Labor returns		Profit
		per acre	Cost	Returns	Net cost	Value	per acre	Per acre	Per hour	on enter- prise
		tons	\$	\$	\$	\$	hours	\$	\$	\$
170	19.7	7.9	331	108	42.07	13.75	125	-42	-0.34	-4,387
221	15.6	14.5	283	251	19.50	17.31	71	67	0.94	-497
376	12.0	6.9	244	113	35.20	16.28	88	-12	-0.14	-1,574

Factors from 5 CANNING FACTORY BEAN Accounts, 1956
(Arranged by acres of beans)

Farm number	Beans grown acres	Yield	Average per acre		Average per ton		Labor	Cost	Labor returns		Profit
		per acre	Cost	Returns	Net cost	Value	per acre to grow	per ton to harvest	Per acre	Per hour	on enter- prise
		lbs.	\$	\$	\$	\$	hours	\$	\$	\$	\$
221	106.4	4,504	235	240	104.32	106.40	6	64	122	1.08	498
407	90.0	6,404	277	371	86.61	116.07	7	60	293	1.50	8,489
267	65.7	4,778	213	239	89.06	100.00	6	59	37	5.23	1,717
315	52.9	7,342	344	438	93.76	119.34	12	61	326	1.47	4,967
376	11.0	5,571	376	249	134.95	89.32	30	90	157	0.75	-1,398

Annual averages, all farms, weighted by acres of beans:

1956	65.2	5,580	264	308	94.85	110.54	8	62	186	1.38	2,855
------	------	-------	-----	-----	-------	--------	---	----	-----	------	-------

Factors from 6 CANNING FACTORY TOMATO Accounts, 1956
(Arranged by acres of tomatoes)

Farm number	Tomatoes grown acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise \$
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	
315	121.2	5.9	301	201	50.67	33.79	80	20	0.25	-12,148
170	46.7	10.5	343	315	32.62	29.97	96	117	1.22	-1,304
221	18.4	5.2	268	163	51.20	31.19	85	-5	-0.05	-1,930
200	14.2	7.4	209	232	28.24	31.37	85	124	1.46	328
384	4.7	7.7	466	171	60.34	22.16	117	-158	-1.35	-1,385
403	0.7	5.5	537	220	97.15	39.79	154	-54	-0.35	-222

Annual averages, all farms, weighted by acres of tomatoes:

1956	34.3	7.1	306	225	43.35	31.88	86	43	0.50	-2,777
1955	32.6	11.2	335	360	29.96	32.23	131	178	1.35	829
1954	21.4	9.2	335	290	36.61	31.65	118	97	0.82	-971
1953	25.2	11.7	364	343	31.16	29.35	140	150	1.07	-532
1952	16.6	12.4	331	393	26.71	31.73	131	218	1.66	1,032

Factors from 10 APPLE Accounts, 1956
(Arranged by acres of apples)

Farm number	Orchard bearing age	Yield packable fruit per acre	Labor to grow an acre	Cost of spray and dust materials per acre	Cost to grow an acre	Net to grower Cost per bu.	Returns per bu.	Return per hour of labor	Profit on enterprise
	acres	bu.	hours	\$	\$	\$	\$	\$	\$
170	130.1	343	30	46	166	0.87	1.31	3.36	19,477
339	104.0	397	43	61	285	1.49	2.02	2.46	21,682
185	79.5	431	66	70	366	1.39	1.57	2.16	6,210
376	72.0	226	22	48	133	0.85	1.11	2.14	4,144
315	61.9	499	44	44	184	0.70	1.37	3.90	20,594
401	46.0	130	37	49	181	2.04	1.83	1.35	-1,231
200	44.7	310	17	47	137	0.70	1.76	6.03	14,729
383	35.8	476	41	62	240	0.91	1.55	4.57	10,951
171	19.4	144	15	19	75	0.90	1.62	3.24	2,023
403	13.5	109	29	25	130	2.61	2.28	1.31	-490

Annual averages, all farms, weighted by number of acres:

1956	60.7	343	37	52	210	1.09	1.56	2.90	9,809
1955	46.9	393	32	56	184	0.91	0.92	1.41	85
1954	45.8	400	28	51	179	0.85	1.51	3.34	12,091
1953	43.9	304	29	45	161	0.98	1.74	3.23	10,172
1952	41.8	246	34	45	157	1.03	1.63	2.87	6,177

Factors from 2 PEAR Accounts, 1956
(Arranged by acres of pears)

Farm number	Orchard bearing age	Yield packable fruit per acre	Labor to grow an acre	Cost of spray and dust materials per acre	Cost to grow an acre	Net to grower Cost per bu.	Returns per bu.	Return per hour of labor	Profit on enterprise
	acres	bu.	hours	\$	\$	\$	\$	\$	\$
170	11.6	179	6	16	62	0.74	2.26	8.28	3,140
383	3.5	592	3	10	91	0.84	2.24	6.28	2,904

Factors from 8 PEACH Accounts, 1956
(Arranged by acres of peaches)

Farm number	Orchard bearing age acres	Average per acre			Net to grower		Return per hour of labor	Profit on enterprise
		Yield pack-able fruit bu.	Labor to grow hours	Cost of spray and dust materials \$	Cost to grow \$	Cost per bu. \$		
383	15.2	124	50	31	225	3.31	2.45	-1,631
170	13.5	293	83	29	306	2.22	2.62	1,576
200	7.2	41	46	11	124	3.60	1.18	-708
376	5.5	144	69	31	186	2.10	2.85	593
403	3.4	46	41	16	164	6.49	1.24	-825
384	2.7	183	64	63	331	2.77	2.69	-42
171	2.1	38	27	24	91	3.25	1.19	-163
401	1.5	128	57	17	171	2.29	2.01	-53

Annual averages, all farms, weighted by acres of peaches:

1956	6.4	154	60	28	222	2.65	2.49	-157
1955	5.3	166	60	26	193	2.06	1.94	-104
1954	5.9	168	62	25	205	2.14	1.88	-257
1953	5.1	151	46	17	151	1.85	1.96	89
1952	5.6	142	46	17	143	1.70	1.80	81

Factors from 5 GRAPE Accounts, 1956
(Arranged by acres of grapes)

Farm number	Vineyard acres	Average per acre			Net to grower		Return per hour of labor	Profit on enterprise
		Yield per acre tons	Labor to grow hours	Cost to grow \$	Cost per ton \$	Returns per ton \$		
403	32.5	4.7	66	273	85.34	135.03	3.51	7,662
384	23.2	5.0	74	233	75.87	109.03	2.20	3,813
376	7.5	4.1	85	159	53.05	65.65	1.76	384
401	1.8	3.6	153	351	118.79	82.92	1.12	-231
383	1.7	2.8	35	115	101.91	116.35	2.20	68

Annual averages, all farms, weighted by acres of grapes:

1956	13.3	4.7	73	244	79.61	117.24	2.69	2,339
1955	13.9	4.3	77	194	79.30	133.14	2.51	3,206
1954	16.3	5.2	65	198	64.06	137.86	3.70	6,205
1953	15.2	4.2	55	179	68.24	136.80	3.61	4,355
1952	15.0	3.4	56	170	77.53	88.36	1.51	560

Factors from 5 SWEET CHERRY Accounts, 1956
(Arranged by acres of cherries)

Farm number	Orchard bearing age acres	Average per acre							
		Yield per acre pounds	Labor to grow hours	Cost of spray and dust materials \$	Cost to grow \$	Net to grower		Return per hour of labor \$	Profit on enter- prise \$
						Cost per pound ¢	Returns per pound ¢		
315	9.6	285	4	14	76	37.9	14.1	-1.52	-652
170	4.0	33	6	25	81	280.1	24.4	-6.37	-335
403	3.9	1,619	6	7	64	9.6	14.2	3.23	292
383	1.7	849	4	35	124	30.4	14.1	-0.78	-236
171	0.8	*	35	11	111	*	*	-2.04	-89

Annual averages, all farms, weighted by acres of cherries:

1956	4.0	531	6	17	80	23.9	14.3	-0.19	-204
1955	3.7	8,853	14	22	100	4.9	8.7	2.25	1,247

* Complete crop failure

Factors from 6 SOUR CHERRY Accounts, 1956
(Arranged by acres of cherries)

Farm number	Orchard bearing age acres	Average per acre							
		Yield per acre pounds	Labor to grow hours	Cost of spray and dust materials \$	Cost to grow \$	Net to grower		Return per hour of labor \$	Profit on enter- prise \$
						Cost per pound ¢	Returns per pound ¢		
376	43.0	2,327	6	15	72	8.2	7.7	1.20	-541
315	19.8	1,445	23	11	96	10.8	8.9	0.87	-543
170	18.0	2,833	18	18	113	8.7	9.1	1.26	207
383	13.4	1,746	10	13	92	14.5	7.8	0.43	-1,569
403	2.0	1,121	2	10	62	13.8	8.8	-0.03	-113
171	1.9	1,711	33	23	103	11.9	7.9	0.48	-129

Annual averages, all farms, weighted by acres of cherries:

1956	16.4	2,126	12	15	88	9.5	8.2	1.04	-448
1955	16.6	4,161	12	15	81	6.0	4.7	0.70	-924

Factors from 22 PASTURE Accounts, 1956
(Arranged by cow equivalents pastured)

(Arranged by cow equivalents pastured)

Farm number	Total acres pasture	Cow equiva- lents past- ured number	Amount per acre for regular pasture*			Cost per cow equivalent					Total past- ure
			Hours labor	ferti- lizer pounds	Total cost \$	After- math pasture \$	Annual crop pasture \$	Hired pasture \$	Net cost of regular pasture* \$		
	acres		hours	pounds							
398	145.0	100	0.3	28	8	5	--	--	12	17	
188	158.6	89	0.4	--	5	10	--	--	7	17	
221	32.5	81	1.0	--	18	1	2	--	7	10	
399	76.0	79	0.7	76	26	7	13	2	25	47	
331	105.6	77	0.5	19	11	1	--	--	14	15	
344	116.0	77	0.5	--	14	2	--	--	18	20	
382	94.0	77	0.2	--	14	6	1	9	17	33	
375	168.5	72	0.1	19	5	8	--	--	12	20	
281	35.3	70	0.4	--	15	1	--	4	7	12	
405	48.0	63	1.5	--	19	--	--	--	15	15	
377	75.1	59	0.3	127	19	1	--	--	24	25	
316	81.7	56	1.7	--	15	1	--	--	21	22	
400	85.5	55	0.4	8	9	16	7	1	14	38	
309	39.0	54	0.8	--	15	4	4	1	11	20	
139	26.5	40	0.3	--	12	5	--	1	8	14	
130	70.9	38	0.2	--	16	3	--	--	27	30	
200	17.5	38	0.7	--	47	4	13	1	21	39	
354	41.3	38	0.4	--	28	7	18	--	31	56	
145	17.8	36	0.3	--	14	6	--	--	7	13	
324	44.9	32	0.9	34	26	--	--	--	37	37	
408	58.4	23	--	--	5	--	--	8	14	22	
338	11.2	13	--	--	11	--	--	--	10	10	

Averages for 1956, by thirds according to cow equivalents pastured, weighted by farms

High	104.0	83	0.5	18	14	5	2	2	14	23
Medium	70.0	59	0.7	19	14	5	1	1	14	21
Low	37.4	31	0.4	5	21	3	5	1	21	30

Annual averages, all farms, weighted by acres of pasture:

1956	70.4	58	0.5	17	13	4	2	1	16	23
1955	66.4	55	0.5	31	13	4	2	1	15	22
1954	63.3	52	0.5	46	13	6	3	1	15	25
1953	66.1	49	0.8	45	13	6	2	2	17	27
1952	67.8	45	0.7	44	11	4	2	1	16	23

* Includes permanent and rotated pasture

Factors from 29 HAY Accounts, 1956
(Arranged by acres of hay)

Farm number	Hay per farm acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise \$
			Cost	Returns	Cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	
188	113.8	2.3	34	57	13	22	5	28	5.63	2,564
398	101.3	2.0	47	62	21	28	5	21	3.95	1,569
309	89.2	1.8	33	34	17	17	4	15	1.17	39
281	78.5	1.9	44	49	22	25	7	12	1.64	393
221	70.8	2.5	66	41	26	16	11	-10	-0.94	-1,789
382	70.0	1.9	42	44	19	20	8	11	1.42	118
375	69.5	1.6	34	56	16	30	3	26	8.00	1,520
331	66.0	2.7	54	76	12	20	10	31	3.25	1,443
399	60.0	2.2	83	80	34	33	7	7	0.93	-184
139	58.6	2.5	51	65	19	25	7	20	2.90	848
377	55.4	2.4	66	51	28	21	10	-5	-0.51	-814
405	50.0	1.4	47	28	33	20	5	-14	-2.73	-931
344	49.5	2.0	64	52	26	20	8	-2	-0.31	-587
316	46.2	2.7	77	69	28	25	10	3	0.32	-367
200	39.5	1.7	45	36	24	19	5	-3	-0.55	-355
145	34.2	2.1	51	58	22	25	3	11	3.43	227
407	33.0	3.5	86	89	24	25	15	25	1.62	95
345	32.9	1.9	35	58	18	30	5	31	6.25	760
171	29.0	0.9	38	16	41	18	4	-17	-4.27	-624
135	26.2	1.8	35	33	20	19	3	2	0.48	-50
338	24.0	1.5	48	31	31	20	5	-13	-2.61	-403
371	22.7	2.3	46	37	20	16	9	*	0.02	-212
130	20.7	2.6	39	43	14	15	4	9	2.23	78
174	20.4	1.7	49	33	30	20	3	-11	-3.64	-323
354	14.6	2.1	74	51	31	20	15	-5	-0.29	-329
403	10.0	2.1	85	35	41	17	7	-37	-5.11	-497
324	8.0	3.4	102	84	30	25	7	-9	-1.29	-142
400	6.8	1.2	91	42	62	20	2	-48	-19.06	-336
267	5.0	1.6	38	31	24	19	5	1	0.12	-36

Averages for 1956, by thirds according to acres of hay, weighted by farms:

High	77.8	2.1	49	56	20	24	7	15	2.80	652
Medium	41.1	2.1	57	51	27	23	7	3	0.36	-288
Low	15.8	2.0	61	42	30	19	6	-11	-2.92	-225

Annual averages, all farms, weighted by acres of hay:

1956	45.0	2.1	51	52	22	23	7	9	1.33	58
1955	41.1	2.2	49	48	21	20	6	5	0.89	-45
1954	43.9	2.2	47	49	19	20	6	8	1.34	78
1953	41.4	2.1	48	51	20	22	6	9	1.54	121
1952	44.2	2.0	44	46	21	22	6	8	1.43	98

* Less than \$1.00

Factors from 12 GRASS SILAGE Accounts, 1956
(Arranged by acres of silage)

Farm number	Silage per farm acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise \$
			Cost	Returns	Cost	Value**		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	
316	51.3	8	54	64	6.79	8.00	6	17	2.62	492
400	41.6	5	80	54	12.05	7.00	7	-21	-2.91	-1,080
331	31.5	6	41	48	5.79	6.89	5	12	2.34	221
324	28.1	10	65	105	4.11	8.00	12	54	4.58	1,128
130	21.8	10	73	63	5.55	4.62	14	8	0.59	-209
375	21.0	5	57	51	11.08	10.00	5	*	0.08	-117
399	19.0	8	90	109	8.55	11.00	9	31	3.54	360
188	18.9	11	69	88	5.24	7.00	9	29	3.30	352
145	17.0	4	46	34	11.10	8.00	2	-10	-6.00	-208
309	16.2	5	19	31	3.64	6.00	5	17	3.24	189
405	13.0	8	61	65	6.49	7.00	10	14	1.38	56
354	9.6	5	51	45	8.25	7.00	9	4	0.48	-60

Annual averages, all farms, weighted by acres of grass silage:

1956	24.1	7	60	64	6.96	7.50	8	12	1.62	94
1955	17.3	8	54	***	6.48	***	***	***	***	***
1954	16.6	7	54	***	6.64	***	***	***	***	***
1953	15.8	7	55	***	6.36	***	***	***	***	***
1952	18.0	6	51	***	7.79	***	***	***	***	***

* Less than \$1.00

** Approximately 1/3 the value placed on hay

*** Not previously determined

Factors from 17 CORN SILAGE ACCOUNTS, 1956
(Arranged by acres of silage)

(Arranged by acres of silage)										
Farm number	Silage per farm acres	Yield per acre tons	Average		Average		Labor per acre hours	Labor returns		Profit on enter- prise \$
			per acre		per ton			Per acre \$	Per hour \$	
			Cost \$	Returns \$	Cost \$	Value \$				
331	44.5	6	75	41	12.43	6.79	12	-22	-1.87	-1,523
188	33.6	10	88	70	8.78	7.00	11	-5	-0.43	-602
344	33.0	9	61	61	7.03	7.00	12	15	1.16	-10
375	33.0	6	83	65	12.75	10.00	8	-8	-1.10	-589
281	28.9	11	99	90	8.79	8.00	23	13	0.58	-256
377	27.1	15	100	109	6.32	6.92	15	23	1.58	251
398	26.0	15	194	163	12.06	10.00	15	-17	-1.09	-818
382	24.8	10	72	71	7.10	7.00	9	10	1.09	-25
405	19.0	6	77	42	12.71	7.00	11	-23	-1.97	-657
399	17.0	11	137	118	12.74	11.00	13	-2	-0.19	-318
324	16.0	12	90	96	7.54	8.00	13	20	1.58	89
407	15.0	9	149	73	15.99	7.89	41	-16	-0.39	-1,134
200	13.2	12	106	82	9.02	7.00	13	-8	-0.62	-313
139	9.0	11	104	89	9.38	8.00	22	2	0.09	-138
221	9.0	11	97	67	8.70	6.00	13	-12	-0.88	-270
309	8.0	7	57	42	8.05	6.00	13	-2	-0.13	-117
145	4.8	14	162	115	11.26	8.00	12	-30	-2.53	-225

Averages for 1956, by thirds according to acres of silage, weighted by farms:

High	33.4	10	84	73	9.35	7.62	14	3	-0.01	-455
Medium	20.6	11	114	98	10.43	8.60	12	-2	-0.12	-346
Low	9.8	11	112	78	10.40	7.15	19	-11	-0.74	-366

Annual averages, all farms, weighted by acres of silage:

1956	21.3	10	98	80	9.71	7.87	14	-2	-0.17	-391
1955	23.2	9	94	*	10.33	*	*	*	*	*
1954	17.7	9	89	*	9.66	*	*	*	*	*
1953	15.1	10	87	*	8.28	*	*	*	*	*
1952	15.6	11	91	*	8.44	*	*	*	*	*

* Not previously determined

Factors from 16 CORN FOR GRAIN Accounts, 1956
(Arranged by acres of corn)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise \$
			Cost \$	Returns \$	Cost. \$	Value \$		Per acre \$	Per hour \$	
408	116.6	43	69	65	1.59	1.50	7	6	0.84	-466
382	87.1	65	72	90	1.09	1.36	7	27	3.63	1,554
171	50.3	37	56	41	1.50	1.10	8	-5	-0.67	-743
377	49.2	77	103	80	1.34	1.04	10	-13	-1.27	-1,134
221	49.0	76	135	91	1.78	1.20	11	-29	-2.67	-2,171
344	33.0	68	54	90	0.79	1.33	5	43	7.83	1,204
371	32.0	63	70	79	1.12	1.26	10	19	1.92	274
200	27.2	41	62	58	1.52	1.41	10	7	0.73	-122
407	21.0	96	128	118	1.33	1.22	36	41	1.14	-213
345	19.4	39	86	46	2.24	1.20	15	-17	-1.16	-777
130	18.5	49	53	58	1.10	1.20	5	12	2.22	93
145	9.7	24	58	34	2.40	1.40	4	-19	-4.79	-236
135	8.2	43	83	56	1.92	1.30	10	-16	-1.61	-220
188	8.0	54	112	86	2.08	1.60	12	-13	-1.09	-208
399	8.0	56	91	79	1.62	1.40	11	2	0.22	-100
396	7.0	64	92	83	1.44	1.30	12	14	1.20	-61

Averages for 1956, by thirds according to acres of corn, weighted by farms:

High	70.4	60	87	73	1.46	1.24	9	-3	-0.03	-592
Medium	25.2	59	76	75	1.35	1.27	14	18	2.11	76
Low	8.2	48	87	68	1.89	1.40	10	-6	-1.21	-165

Annual averages, all farms, weighted by acres of corn:

1956	34.0	57	80	74	1.40	1.29	9	6	0.64	-208
1955	24.7	53	75	72	1.41	1.36	10	9	0.87	-62
1954	22.9	47	70	72	1.47	1.52	10	13	1.28	50
1953	23.3	53	73	80	1.36	1.50	10	19	1.84	171
1952	18.3	55	64	83	1.17	1.51	13	32	2.45	338

Factors from 17 OAT Accounts, 1956
(Arranged by acres of oats)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
382	53.1	61	44	53	0.69	0.84	4	14	3.64	494
316	39.8	63	101	73	1.32	0.88	13	-13	-1.05	-1,111
281	36.4	40	64	54	1.25	1.00	9	-2	-0.23	-373
399	31.8	36	56	44	1.32	1.00	8	-1	-0.12	-377
331	27.5	48	68	58	1.22	1.00	12	1	0.12	-288
130	20.8	41	37	33	0.90	0.80	3	*	0.07	-88
371	20.2	51	44	44	0.85	0.85	5	5	1.03	-2
188	19.2	56	97	64	1.50	0.90	11	-20	-1.85	-638
407	15.0	30	79	39	2.23	0.90	8	-29	-3.63	-598
170	14.9	47	76	42	1.63	0.90	11	-18	-1.57	-511
345	13.5	27	74	26	2.62	0.80	10	-33	-3.38	-651
344	13.0	57	139	63	2.33	1.00	6	-69	-11.34	-989
377	10.2	50	84	52	1.43	0.80	9	-23	-2.48	-322
396	7.2	66	62	60	0.83	0.80	8	13	1.69	-14
145	6.0	38	98	43	2.23	0.76	10	-41	-4.19	-331
324	5.0	40	141	44	3.12	0.70	8	-87	-10.66	-484
403	1.7	18	80	14	4.53	0.80	6	-55	-8.45	-112

Averages for 1956, by thirds according to acres of oats, weighted by farms:

High	34.9	48	62	52	1.12	0.92	8	*	0.40	-290
Medium	16.6	42	74	43	1.77	0.87	9	-19	-1.88	-480
Low	7.2	45	101	46	2.41	0.81	8	-44	-5.90	-375

Annual averages, all farms, weighted by acres of oats:

1956	19.7	49	71	52	1.28	0.89	8	-9	-1.12	-376
1955	17.3	45	58	39	1.17	0.75	7	-11	-1.72	-333
1954	18.3	37	56	36	1.43	0.88	6	-13	-2.10	-371
1953	19.8	47	58	49	1.10	0.91	7	-1	-0.13	-180
1952	19.7	42	52	42	1.16	0.92	8	-2	-0.22	-194

* Less than \$1.00

Factors from 20 WHEAT Accounts, 1956
(Arranged by acres of wheat)

(Arranged by acres of wheat)										
Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise \$
			Cost	Returns	Net cost	Value		Per acre	Per hour	
221	92.7	41	63	91	1.41	2.09	6	36	5.80	2,582
267	42.5	31	43	63	1.33	1.98	6	29	5.08	866
170	32.8	34	40	72	1.18	2.14	4	38	8.94	1,065
382	28.8	40	56	89	1.13	1.97	6	41	6.49	964
200	28.4	32	60	74	1.73	2.15	9	24	2.71	387
377	26.4	35	87	84	2.09	2.00	7	4	0.50	-79
171	24.5	35	63	75	1.76	2.10	8	20	2.47	289
174	20.3	27	54	72	1.09	1.75	6	26	4.38	362
331	20.0	20	67	71	2.00	2.20	15	18	1.25	80
130	19.0	39	43	76	0.83	1.66	3	37	10.97	625
371	19.0	36	49	76	1.30	2.06	7	34	4.95	516
309	15.3	35	70	80	1.64	1.92	7	18	2.50	152
405	15.0	20	70	62	2.62	2.25	8	-1	-0.07	-114
345	14.7	55	89	139	1.39	2.30	11	66	5.99	731
399	13.5	43	78	112	1.27	2.06	10	46	4.73	455
135	9.7	37	43	85	0.81	1.94	6	49	7.93	408
145	9.0	27	87	78	2.40	2.08	9	3	0.35	-79
396	7.3	51	81	122	1.18	1.99	8	57	6.79	302
324	6.0	33	107	93	2.61	2.20	10	-2	-0.19	-82
403	3.6	22	72	36	3.24	1.60	6	-27	-4.41	-131

Averages for 1956, by thirds according to acres of wheat, weighted by farms:

High	39.4	35	59	78	1.52	2.06	7	27	4.57	868
Medium	18.1	30	59	73	1.58	1.97	8	22	4.00	270
Low	9.1	38	80	95	1.84	2.02	9	27	3.03	229

Annual averages, all farms, weighted by acres of wheat:

1956	22.4	36	61	82	1.46	2.04	7	29	4.12	465
1955	18.7	39	68	90	1.51	2.07	8	31	3.86	406
1954	25.2	37	65	89	1.51	2.16	8	33	4.13	609
1953	34.3	36	62	82	1.51	2.07	8	30	3.55	689
1952	31.7	35	59	83	1.44	2.12	8	33	3.89	753

Factors from 9 WINTER BARLEY Accounts, 1956
(Arranged by acres of barley)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
221	88.5	48	57	63	1.12	1.24	6	14	2.23	512
315	45.0	16	50	24	2.82	1.24	5	-18	-4.00	-1,168
399	21.5	29	64	32	2.19	1.00	6	-24	-4.15	-678
130	18.0	42	37	42	0.88	1.00	4	10	2.39	92
382	13.3	58	50	68	0.69	1.00	6	24	4.25	235
371	12.0	47	59	47	1.23	0.97	9	-3	-0.34	-145
407	10.0	44	66	54	1.38	1.10	7	-3	-0.48	-123
171	9.6	18	55	20	3.04	1.10	8	-28	-3.68	-338
403	6.1	54	68	66	1.14	1.10	8	9	1.24	-14

Annual averages, all farms, weighted by acres of barley:

1956	24.9	38	55	48	1.34	1.15	6	*	0.08	-181
1955	12.8	47	58	62	1.13	1.21	8	13	1.73	50
1954	34.4	54	56	70	0.96	1.23	7	23	3.16	491
1953			Not averaged -- only four accounts							
1952	10.4	46	43	65	0.88	1.36	6	27	4.97	227

* Less than \$1.00