

INDIVIDUAL FACTORS AND
ANNUAL AVERAGES

- from -

FARM COST ACCOUNTS

45 Farms - 1953

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INDIVIDUAL FACTORS AND ANNUAL AVERAGES FOR FARM COST ACCOUNTS, 1953

For the Cost Account year 1953, there were 45 New York State farmers who kept detailed records on their businesses in cooperation 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 and is arranged in relation to the enterprises on other farms according to size; for example, the farm with the largest number of cows is shown first on page 18, and the farm with the largest number of hens is first on page 20.

Enterprises with 15 or more farms have been divided into three approximately equal groups according to the size of the enterprises: large, medium-sized, and small. Averages for these groups, as well as averages for all farms, are shown below the figures for the individual farms.

The project was under the supervision of C. DelMar Kearl and I. R. Starbird. The field work on the accounts was performed by Frank Nearing and C. DelMar Kearl. The closing of the books and the preparation of this report on results of the operation of the farms was done by the Cost Account staff consisting of: Marjorie Evans, Oneta Shipe, Edith Slights, Eleanor Troy, Wanda Triplehorn, and Christina Morrison. Assistance was also given by Grace Bush and Lee Gerstein.

THE ECONOMIC SITUATION IN 1953*

Farm prices during 1953 turned sharply downward from the relatively high level maintained throughout 1952. Accompanying the decline in farm prices was a stable cost situation, which tended to reduce the profitability of many farm enterprises.

Year	New York farm prices	Prices of articles farmers buy	Earnings of factory workers
1935-39	106	125	210
1949	244	251	496
1950	231	256	513
1951	261	282	559
1952	274	287	584
1953			
Jan.	260	284	610
Feb.	246	281	612
Mar.	244	282	614
Apr.	236	280	608
May	232	280	608
June	231	277	614
July	229	279	614
Aug.	234	279	615
Sept.	241	277	607
Oct.	235	276	616
Nov.	234	277	616
Dec.	227	278	619
1954			
Jan.	234	282	610
Feb.	229	282	614
Mar.	226	283	617
Apr.	221	283	599

While the farm price level in 1953 could not be termed disastrous by any means, it exhibited a substantial disparity in relation to other industries. Earnings of factory workers were high during 1953 after having increased each year from 1946. Farmers did not experience the record-breaking net income position of many non-farm industries such as steel, petroleum, automobile, and construction.

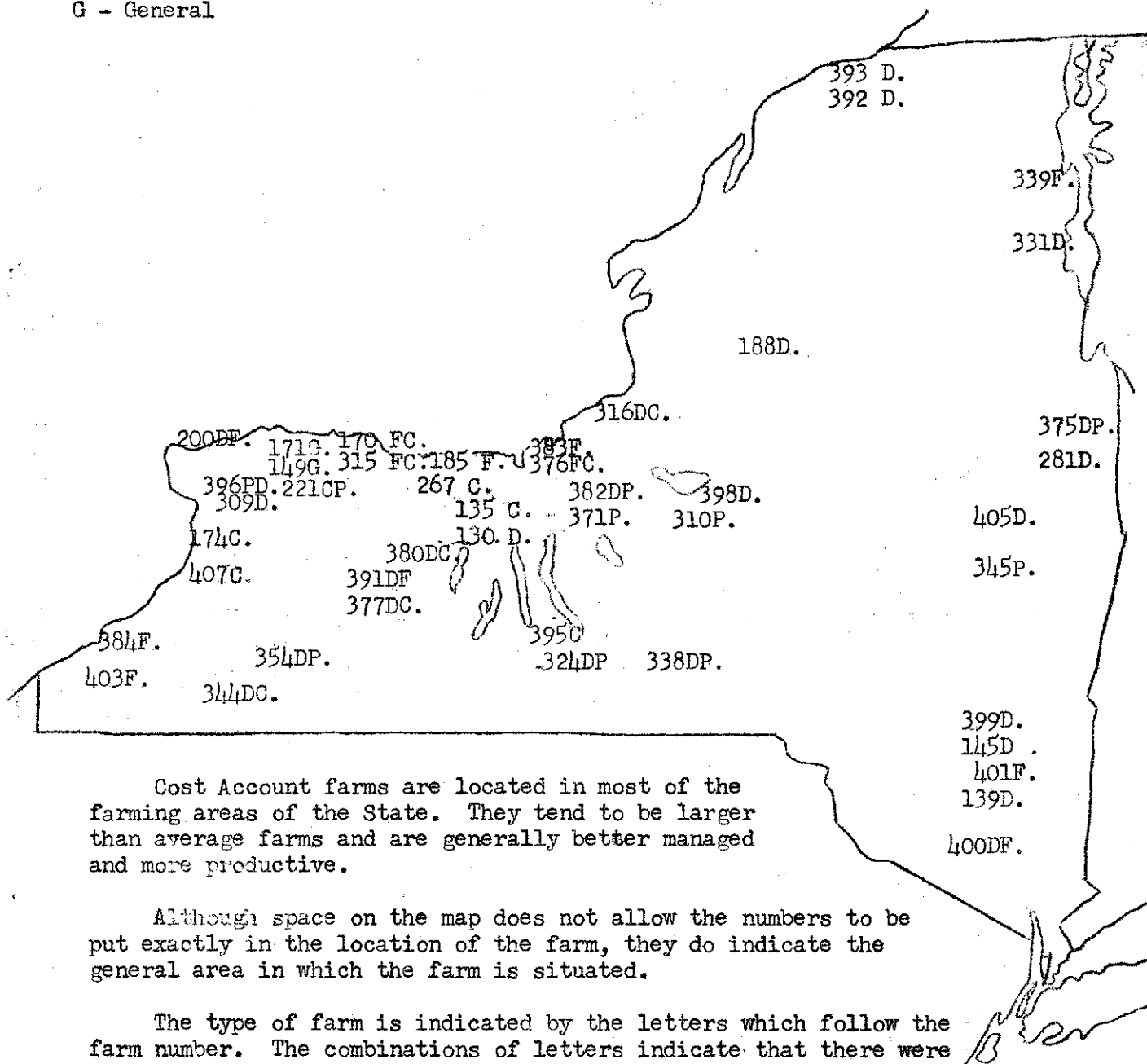
* The indexes for New York farm prices, prices of articles farmers buy, and the earnings of factory workers are on a pre-World War I base.

Source: Farm Economics, No.194, March, 1954; and No.198, January, 1955.

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 tend to be larger than average farms and are generally better managed and more productive.

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 were two major types of enterprises 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

Better farming methods, more fertilizer, better feeding and breeding, new varieties, and more intensive operation have caused crop yields and livestock production to be high in recent years. Cost Account farm yields were slightly above the average for New York State in 1953. The grain crops yielded about the same as 1952 except for oats, which increased 5 bushels per acre.

Item	New York State*			Cost Accounts
	1936-40	1946-50	1953	1953
Hay	1.3	1.5	1.7	2.1
Corn silage	8.9	9.6	10.0	10.5
Corn grain	34	41	48	53
Wheat	24	27	30	36
Oats	30	36	39	47
Barley	25	30	30	**
Dry beans	14.0	18.8	19.2	**
C.F. peas	1345	2114	1780	**
C.F. tomatoes	7.6	7.6	10.6	11.7
Potatoes	130	257	260	**
Cabbage	9.7	12.0	16.5	15.6
Cows	5628	6242	7045	10493
Hens	154	183	192	185

Milk production per cow on Cost Account farms remained considerably above the State average. Production rates for hens were about the same as the State average.

* AMS Reports

** Not averaged

WEATHER CONDITIONS AT FIVE NEW YORK STATIONS, 1953*

Station	Length of growing season** days	May 1 - Sept. 30		Annual total	
		Temperature	Precip- itation	Precip- itation	Departure from normal
		degrees	inches	inches	inches
Batavia	162	64.2	17.1	30.2	-1.6
Ithaca	142	64.4	14.3	30.0	-5.2
Canton	170	64.6	18.9	33.8	-1.1
Rifton	171	66.9	16.5	51.5	+6.1
Schenectady	201	67.6	14.4	36.6	+1.4
New York State		64.4	16.7	37.8	-1.3
Normal		63.6	18.2	39.1	

* Weather Bureau, U.S. Department of Commerce, Annual Summary, 1953

** Number of days between first and last frost

The total annual precipitation was 1.3 inches below normal for the State. The month of May, however, was unfavorable for spring work, there being an average state-wide precipitation of 6.3 inches. A considerable percentage of the oat crop was not in the ground by June 1, and only a small percentage of the corn crop was in. Hay and pastures, however, made excellent growth. Drought conditions existed in June and July, there being only 1.9 inches of precipitation in June.

Summary, 1953
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>							
Cabbage	7	13.4	15.6 tons	\$0.70	107	\$ -872	\$-65
Tomatoes, C.F.	8	25.2	11.7 tons	1.07	140	-532	-21
<u>Fruit</u>							
Apples	14	43.9	304 bu.	3.23	121	10,172	232
Cherries	11	9.5	2,983 lbs.	1.92	123	918	97
Peaches	11	5.1	151 bu.	1.42	123	89	17
Grapes	5	15.2	4.2 tons	3.61	120	4,355	287
<u>Hay and Grain</u>							
Hay	40	41.4	2.1 tons	1.54	6	121	3
Wheat	25	34.3	36 bu.	3.55	8	689	20
Corn for grain	19	23.3	53 bu.	1.84	10	171	7
Oats	19	19.8	47 bu.	- 0.13	7	-180	-9

Livestock Enterprises

Enterprise	Number of accounts	Average number of head per farm	Production per head	Returns per hour of labor	Hours of labor per head	Profit on enterprise
Dairy cows	27	34	10,493 lbs.	\$1.00	104	\$ -37
Hens	17	2,041	185 eggs	1.61	1.1	1,020
Raising chicks	15	2,744*	--	0.67	14**	-177

* Number of chicks started

** Per 100

Summary of Returns per Hour of Labor										
	1914	1919	1924	1929	1934	1939	1944	1949		
	to	to	to	to	to	to	to	to		
Farm enterprise	1918	1923	1928	1933	1938	1943	1948	1953	1952	1953
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>Livestock</u>										
Dairy cows	0.30	0.25	0.40	0.14	0.25	0.55	1.49	1.41	1.39	1.00
Hens	0.28*	0.84	0.47	0.31	0.29	0.77	1.34	1.38	0.73	1.61
Raising chicks	--	--	--	0.46	0.33	0.48	0.48	0.83	1.33	0.67
<u>Fruit</u>										
Apples	--	0.70*	0.79	0.45	0.45	0.85	1.60	2.01	2.87	3.23
Cherries	--	--	--	0.69*	0.64	0.88	2.30	1.55	1.54	1.92
Peaches	--	--	--	0.42*	0.54	0.56	1.57	1.11	1.31	1.42
Grapes	--	--	--	--	--	--	--	2.40*	1.51	3.61
<u>Grain and hay</u>										
Corn	0.13	-0.01	-0.13	0.03	0.22	0.58	1.79	2.25	2.45	1.84
Oats	0.11	-0.31	0.03	-0.34	-0.02	0.14	0.76	0.37	-0.22	-0.13
Wheat	0.58	-0.03	0.20	-0.03	0.47	1.17	3.15	3.47	3.89	3.55
Hay other than alfalfa	0.73	0.66	0.08	-0.01	0.18	0.51	1.09	--	--	--
All hay	--	--	--	--	--	--	--	1.37	1.43	1.54
<u>Vegetables</u>										
Beans, dry	0.12	0.23	-0.06	0.05	0.30	0.59	1.51	1.73*	2.72	**
Cabbage	0.46	0.45	0.49	0.34	0.48	1.08	1.15	1.24	2.02	0.70
Peas, C.F.	--	--	--	0.21	0.16	0.92	2.95	0.82*	1.08	**
Potatoes	0.49	0.51	0.89	0.52	0.50	1.08	2.11	2.53*	3.06	**
Tomatoes, C.F.	--	--	--	0.24*	0.41	0.67	1.56	1.39	1.66	1.07

* Less than five years

** Not averaged

Factors from REAL ESTATE Accounts, 1953
 45 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
	acres	acres	\$	\$	%
130	193.0	229.3	37,561	5.31	26.9
135	84.2	142.8	16,650	4.95	11.6
139	70.0	103.2	21,275	7.70	14.2
145	100.5	125.2	23,242	3.54	13.9
149	172.1	326.0	32,854	3.31	10.2
170	132.6	389.4	61,576	6.86	25.9
171	180.7	224.6	21,413	3.29	11.2
174	128.4	148.0	56,462	19.48	23.7
185	0.9	118.6	55,732	2.22	23.8
188	149.6	379.1	43,460	6.85	16.9
200	102.3	174.5	42,389	9.73	15.8
221	483.2	508.0	83,088	5.90	12.3
267	235.9	385.6	57,725	7.09	9.6
281	118.8	160.3	25,478	3.43	18.4
309	93.4	162.7	20,342	4.44	11.5
310	52.6	68.0	26,372	3.92	21.0
315	231.4	468.2	75,071	9.67	15.4
316	175.6	277.1	55,441	12.29	18.8
324	103.9	233.8	29,509	5.30	14.5
331	227.1	514.0	38,820	4.28	12.2
338	24.7	83.0	7,850	3.04	15.8
339	---	139.4	44,650	---	9.6
344	168.2	436.0	67,731	9.08	11.9
345	93.0	210.8	39,400	4.06	10.3
354	51.1	141.1	24,240	4.74	14.2
371	126.7	175.8	16,735	3.28	14.6
375	169.5	608.0	93,608	4.76	12.7
376	29.0	182.2	52,059	11.66	15.6
377	196.4	281.9	48,430	8.72	13.4
380	119.6	162.3	25,730	5.61	13.0
382	120.6	187.0	17,972	5.13	24.9
383	26.8	141.3	28,804	8.51	17.1
384	31.1	88.9	45,838	12.70	8.1
391	186.4	260.5	36,726	6.92	19.5
392	119.0	230.0	16,788	2.74	20.8

- continued -

Factors from REAL ESTATE Accounts, 1953

45 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>
393	117.0	214.0	15,785	4.14	19.4
395	139.0	193.8	21,109	3.23	13.7
396	27.4	28.6	11,812	5.18	14.8
398	151.3	303.3	40,265	3.64	20.3
399	91.0	206.0	53,998	10.54	11.1
400	54.6	146.9	21,413	5.26	8.3
401	13.0	83.0	16,477	5.00	28.1
403	68.4	179.6	40,088	8.57	20.2
405	140.0	188.0	24,460	4.06	13.2
407	132.0	160.0	45,855	16.61	19.7
<u>Annual averages, all farms:</u>					
1953	120.7	226.0	37,384	6.57	15.0
1952	118.5	224.6	35,151	5.97	14.9
1951	120.2	223.2	33,293	5.91	14.0
1950	115.8	221.2	32,297	5.35	15.3
1949	111.4	227.1	30,854	5.24	14.4

Factors from 45 LABOR Accounts, 1953
(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 Average per cost		Average cost per man
				Wage per mo.	Privi- leges per mo.	Wage and privileges	Wage and board	Wage only	hour for help	hour for labor	
		men	hours	\$	\$	\$	\$	\$	\$	\$	\$
407	17.6	47,651	2,707	417	44	302	230	263	0.80	0.94	2,550
174	14.7	35,920	2,444	400	116	---	---	393	0.81	1.36	3,313
339	13.3	37,130	2,792	320	5	---	---	274	1.11	1.17	3,255
221	12.1	36,394	3,008	259	61	362	186	272	1.06	1.13	3,409
315	11.8	32,242	2,732	250	92	342	---	335	1.24	1.35	3,700
170	10.4	27,329	2,628	326	87	304	---	---	1.29	1.45	3,822
376	7.0	17,406	2,487	300	57	284	---	---	0.98	1.29	3,197
375	6.7	21,741	3,245	333	141	261	---	233	0.63	0.97	3,141
316	6.5	21,144	3,253	300	63	272	---	---	0.68	1.03	3,344
185	5.2	14,532	2,795	500	105	322	---	---	1.32	1.61	4,492
403	5.0	11,524	2,305	250	56	240	---	---	0.82	1.35	3,109
384	4.6	11,873	2,581	208	58	210	---	---	0.83	0.98	2,517
345	4.2	11,505	2,739	263	188	---	---	186	1.05	1.25	3,420
383	4.2	10,752	2,560	292	48	299	---	---	1.09	1.45	3,721
267	4.0	7,541	1,885	200	70	214	---	---	1.86	1.66	3,120
344	3.9	10,685	2,740	300	50	250	221	---	1.02	1.22	3,348
149	3.8	11,915	3,136	200	78	168	---	---	0.96	0.86	2,682
188	3.8	12,538	3,299	417	61	293	---	---	0.79	1.26	4,154
399	3.8	11,504	3,027	250	52	276	---	229	0.65	1.17	3,531
324	3.4	8,185	2,407	250	39	238	214	---	---	1.25	3,011
200	3.2	10,673	3,335	250	85	231	---	---	0.80	0.87	2,902
377	3.2	10,010	3,128	250	104	---	187	---	0.87	0.94	2,938
391	3.1	8,508	2,745	250	127	---	---	233	1.35	1.32	3,631
310	3.0	8,065	2,688	292	130	---	---	308	0.97	1.42	3,822
380	3.0	10,516	3,505	292	93	---	260	194	0.86	0.99	3,463
331	2.8	8,567	3,060	250	57	---	---	171	0.86	0.90	2,761
401	2.8	6,785	2,423	333	59	---	---	256	1.00	1.49	3,601
398	2.7	9,782	3,623	250	82	320	222	184	1.01	0.87	3,139
281	2.3	7,732	3,362	250	88	---	---	---	1.26	0.91	3,071
354	2.2	6,801	3,091	200	40	---	---	---	0.99	0.93	2,870
371	2.1	4,676	2,227	200	44	---	178	---	0.62	1.27	2,820
382	2.1	7,084	3,373	250	68	---	---	---	0.57	0.82	2,753
395	2.1	4,687	2,232	166	10	---	---	---	0.51	0.89	1,983
171	2.0	6,775	3,388	208	48	---	---	---	1.01	0.81	2,754
405	2.0	7,349	3,674	250	42	---	---	133	---	0.94	3,457

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Factors from 45 LABOR Accounts, 1953

- 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		Average cost per man
				Wage per mo.	Privileges per mo.	Wage	and privileges	Wage and board only				
		hours	hours	\$	\$	\$	\$	\$	\$	\$	\$	\$
309	1.9	6,484	3,413	200	124	--	184	--	0.90	0.88		3,008
400	1.9	5,964	3,139	200	74	--	123	--	0.67	0.84		2,631
393	1.8	6,271	3,484	250	68	--	159	--	0.66	0.86		3,008
130	1.5	4,599	3,066	208	85	235	--	--	--	1.08		3,299
338	1.5	3,275	2,183	150	40	--	--	--	1.28	0.96		2,105
139	1.4	6,329	4,521	250	78	--	--	--	0.56	0.67		3,024
392	1.4	3,893	2,781	266	40	--	--	--	--	1.08		2,998
396	1.4	3,319	2,371	400	44	--	--	--	1.15	2.03		4,819
135	1.3	3,082	2,371	167	79	--	115	--	1.00	1.08		2,562
145	1.2	4,139	3,449	207	104	--	--	--	--	1.19		4,095

Averages for 1953, by thirds according to number of men, weighted by farms:

High	8.5	22,979	2,677	308	79	284	208	279	1.04	1.27		3,341
Medium	3.1	9,484	3,038	269	76	254	221	225	0.96	1.09		3,262
Low	1.7	5,195	3,045	225	63	235	152	133	0.81	1.03		3,021

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

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
1951	4.1	11,695	2,859	227	80	234	186	202	0.94	1.05		2,989
1950	4.1	11,700	2,825	225	64	217	154	188	0.87	0.98		2,772
1949	4.2	11,736	2,802	193	66	209	125	152	0.84	0.92		2,579

Factors from 45 EQUIPMENT Accounts, 1953
(Arranged by equipment investment)

Farm number	Invest- ment \$	Equipment other than power* equipment		Invest- ment per crop** acre \$	Cost per crop** acre \$	Total invest- ment for equip. and power \$	Proportion of farm capital that is:		Power* and equip. \$	Custom work Spent for \$	Rec'd from \$
		Net annual cost \$	Cost in per cent of invest- ment %								
174	23,758	11,445	48	132	63	34,700	21	31	638	90	
315	17,862	6,300	35	53	19	28,192	13	21	711	0	
221	17,300	7,945	46	29	13	31,230	10	18	3,027	1,294	
345	17,168	3,713	22	152	33	21,093	21	26	0	0	
316	15,188	7,311	48	78	38	29,759	13	25	0	100	
185	14,144	5,532	39	153	60	21,044	14	22	0	35	
339	12,791	2,962	23	123	28	18,706	14	21	0	0	
344	12,775	3,683	29	65	19	18,398	11	16	53	0	
384	12,411	2,388	19	155	30	19,466	18	28	85	0	
375	11,143	4,613	41	66	27	14,580	7	10	180	100	
383	11,052	3,943	36	107	38	15,341	17	23	138	170	
407	10,948	4,128	38	49	18	16,277	14	21	446	0	
324	10,690	3,286	31	99	30	15,102	17	24	776	1,955	
331	10,604	3,646	34	46	16	18,119	12	21	50	370	
398	10,059	2,826	28	64	18	15,749	12	18	0	0	
170	10,020	5,263	53	31	17	19,683	9	18	784	177	
267	10,020	3,264	33	42	14	22,080	11	24	26	0	
377	9,104	3,003	33	46	15	14,760	9	14	380	161	
382	9,053	2,982	33	31	10	14,814	15	24	45	0	
376	8,881	2,587	29	53	15	16,566	11	21	0	225	
399	7,988	3,435	43	60	26	11,438	8	11	188	509	
403	7,628	2,175	29	53	15	12,023	13	20	955	0	
171	7,278	1,763	24	34	8	12,666	14	25	202	0	
200	6,602	1,672	25	33	8	11,239	10	17	630	350	
188	6,384	2,932	46	43	20	11,275	7	12	85	342	
354	6,089	952	16	116	18	8,239	13	17	34	0	
395	5,726	2,386	42	41	17	8,326	13	19	378	1,168	
309	5,402	1,957	36	36	13	8,770	11	17	96	0	
380	5,203	2,373	46	25	11	9,386	9	16	246	252	
391	5,062	2,800	55	23	13	8,080	7	11	848	50	
130	4,848	2,231	46	25	12	8,666	8	14	145	0	
393	4,814	1,596	33	41	14	8,589	11	20	71	738	
396	4,682	1,682	36	55	20	6,187	16	22	0	0	
149	4,565	1,776	39	19	7	10,015	6	14	1,616	15	
281	4,170	1,289	31	35	11	6,282	7	11	181	0	

- continued -

Factors from 45 EQUIPMENT Accounts, 1953

- continued -

Equipment other than power* equipment						Total	Proportion of			
			Cost in	Invest-	Cost	invest-	farm capital			
			per cent	ment	per	ment for	that is:			
		Net	of	per	per	equip.	Power*		Custom work	
Farm	Invest-	annual	invest-	crop**	crop**	and	Equip.	and	Spent	Rec'd
number	ment	cost	ment	acre	acre	power	Equip.	equip.	for	from
	\$	\$	%	\$	\$	\$	%	%	\$	\$
405	3,364	1,798	53	24	13	5,232	7	11	424	0
135	3,158	781	25	32	8	5,058	12	20	670	351
392	3,124	939	30	23	7	4,649	8	13	338	257
310	2,940	1,403	48	57	27	4,540	7	11	46	0
338	2,856	616	22	116	25	4,781	15	25	182	0
400	2,842	934	33	40	13	5,022	7	12	368	0
371	2,646	1,451	55	21	11	5,758	8	18	250	0
139	2,618	728	28	36	10	4,568	6	10	100	0
401	2,273	1,534	67	36	24	4,293	7	14	0	0
145	1,890	685	36	19	7	3,050	5	7	973	0

Averages for 1953, by thirds according to investment in equip., weighted by farm:

High	13,860	4,915	34	91	30	21,184	14	22	407	274
Medium	7,363	2,636	36	44	15	12,623	11	18	326	216
Low	3,386	1,296	39	39	14	5,779	9	15	358	91

Annual averages, based on totals for all farms:

1953	8,203	2,919	36	50	18	13,195	11	18	364	194
1952	7,463	2,456	33	48	16	12,354	11	18	368	175
1951	6,889	2,446	36	43	15	11,461	11	18	428	200

* Trucks, tractors and farm share of auto

** Includes cropland, orchard and vineyard

Factors from 79 TRACTOR Accounts, 1953
(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	Fuel	All other	Total cost			
	\$	\$	\$	\$	\$	gallons	hours	\$
One-plow tractors, 9 tractors in 9 accounts:								
200	550	104	70	68	242	0.6	664	0.36
315	905	135	79	115	329	0.8	577	0.57
384	1,450	181	155	100	436	1.5	544	0.80
324	950	169	49	96	314	0.7	381	0.82
384	1,050	293	57	91	441	0.8	372	1.19
376	550	110	66	74	250	1.2	299	0.84
188	700	220	61	73	354	1.0	289	1.22
403	630	287	24	45	356	0.6	214	1.66
324	700	116	27	85	228	0.7	204	1.12
Two-plow tractors, 37 tractors in 37 accounts:								
401	250	184	118	81	383	0.7	1,004	0.38
398	540	305	120	102	527	0.6	831	0.63
354	1,250	176	159	68	403	1.0	772	0.52
324	1,375	113	158	123	394	1.1	751	0.52
135	400	73	210	88	371	1.6	720	0.52
200	1,625	304	156	152	612	1.2	720	0.85
130	2,650	336	280	214	830	2.0	707	1.17
376	650	140	128	102	370	1.0	695	0.53
339	612	43	158	185	386	1.2	683	0.57
221	1,175	199	119	110	428	0.9	680	0.63
344	1,150	139	97	68	304	0.7	676	0.45
403	1,572	175	128	98	401	1.0	667	0.60
391	400	145	153	73	371	1.2	653	0.57
316	1,600	207	134	168	509	0.9	634	0.80
392	525	84	194	71	349	1.5	597	0.58
221	982	294	104	64	462	0.9	562	0.82
403	540	132	91	43	266	0.9	530	0.50
399	475	412	152	127	691	1.6	520	1.33
391	1,000	333	87	93	513	0.9	519	0.99
396	550	265	179	43	487	1.5	514	0.95
371	900	231	131	115	477	1.3	492	0.97
188	650	129	211	114	454	2.1	486	0.93
221	750	206	117	85	408	1.2	486	0.84
395	900	360	149	72	581	1.8	466	1.25
395	900	332	141	67	540	1.8	441	1.22
405	1,018	320	83	83	486	1.0	433	1.12
399	638	183	145	86	414	1.9	432	0.96
371	362	183	131	272	586	1.7	371	1.58
395	450	127	89	53	269	1.4	352	0.76
405	225	60	78	43	181	1.3	328	0.55
139	1,250	112	48	82	242	0.7	301	0.80
384	550	283	106	44	433	1.9	292	1.48
376	450	116	94	142	352	2.0	244	1.44
338	950	130	74	69	273	1.4	235	1.16
392	238	96	46	31	173	1.7	153	1.13
130	525	73	57	76	206	2.0	144	1.43
383	424	173	13	125	311	0.6	137	2.27

Factors from 79 TRACTOR Accounts, 1953

- continued -

Farm number	Annual cost per tractor					Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
	Average value	Depreciation and cash repairs		All other	Total cost			
		\$	\$					
	\$	\$	\$	\$	\$	gallons	hours	\$
Three-plow tractors, 16 tractors in 16 accounts:								
221	2,750	504	389	114	1,037	1.6	1,168	0.89
315	2,030	289	289	191	769	1.9	909	0.85
316	3,400	429	205	252	886	1.2	883	1.00
315	1,875	295	248	180	723	1.7	871	0.83
221	1,400	492	305	125	222	1.8	822	1.13
383	1,422	318	148	133	599	1.3	662	0.90
221	2,600	1,045	158	228	1,431	1.7	644	2.22
376	1,900	253	219	297	769	1.9	603	1.28
344	2,135	364	164	113	641	1.4	585	1.10
316	3,200	488	133	248	869	1.9	455	1.91
398	2,600	201	238	226	665	2.3	440	1.51
316	1,350	435	182	185	802	2.1	436	1.84
344	625	151	128	52	331	1.5	427	0.78
281	750	155	119	82	356	1.6	382	0.93
188	750	366	102	156	624	2.4	207	3.01
200	188	101	57	87	245	1.8	158	1.55
Combinations, 54 tractors in 17 accounts:								
377	867	259	180	92	531	1.1	793	0.67
407	666	322	166	68	556	1.1	740	0.75
375	912	420	182	60	662	1.3	598	1.11
170	1,088	291	111	141	543	1.0	572	0.95
309	1,415	159	150	93	402	1.3	552	0.72
171	854	248	76	83	407	0.7	558	0.73
267	2,065	263	198	130	591	2.0	553	1.07
380	1,384	210	132	96	438	1.3	514	0.85
382	1,447	261	139	106	506	1.5	482	1.05
174	735	268	164	90	522	1.7	471	1.11
185	1,150	212	74	247	533	0.8	470	1.14
331	1,123	426	143	134	703	1.6	432	1.63
393	1,675	287	118	120	525	1.3	426	1.23
149	1,611	344	178	134	656	2.4	389	1.69
345	1,192	184	133	88	405	2.0	370	1.10
400	788	213	42	95	350	0.7	318	1.10
145	335	147	54	37	238	1.6	178	1.33
Averages for 1953, weighted by number of tractors:								
One-plow	832	180	65	83	328	0.9	394	0.83
Two-plow	824	194	125	98	417	1.2	520	0.80
Three-plow	1,811	368	193	169	730	1.7	603	1.21
Annual averages, all tractors, weighted by number of tractors:								
1953	1,099	253	134	114	501	1.3	519	0.97
1952	1,102	216	128	114	458	1.3	529	0.87
1951	1,105	206	146	112	464	1.4	560	0.83
1950	1,009	174	135	101	410	1.4	547	0.75
1949	928	166	157	84	407	1.4	567	0.72

Factors from 60 TRUCK Accounts, 1953
(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, 26 trucks in 26 accounts:									
331	2,300	1,075	294	494	1,863	13,604	11	13.7	
149	1,450	473	343	331	1,147	7,992	5	14.4	
267	1,000	601	111	359	1,071	4,460	10	24.0	
315	2,325	474	157	407	1,038	5,472	7	19.0	
380	850	397	165	367	929	5,928	8	15.7	
377	2,000	521	69	251	841	2,220	7	37.9	
376	1,900	225	137	413	775	5,640	9	13.7	
316	500	348	75	340	763	2,950	9	25.9	
221	440	223	148	276	647	2,999	5	21.6	
200	800	324	82	239	645	3,954	11	16.3	
316	825	294	94	240	628	1,851	4	33.9	
384	1,050	242	83	289	614	2,784	8	22.1	
403	785	230	131	249	610	5,038	10	12.1	
188	750	329	87	175	591	1,750	5	33.8	
398	1,560	178	120	187	485	---	---	---	
324	400	147	115	211	473	2,845	6	16.6	
339	950	118	66	288	472	---	---	---	
315	225	133	65	211	409	---	---	---	
383	---	49	75	138	262	2,855	9	9.2	
376	138	25	71	139	235	---	---	---	
139	250	100	56	62	218	2,017	8	10.8	
188	138	128	21	64	213	420	4	50.7	
344	238	90	41	15	146	---	---	---	
371	225	66	2	37	105	---	---	---	
324	38	35	9	31	75	---	---	---	
145	30	---	2	29	31	82	8	37.8	

Small trucks, 27 trucks in 27 accounts:

316	950	517	405	231	1,153	12,088	7	9.5
345	1,100	534	112	360	1,006	6,100	10	16.5
399	550	453	158	260	871	6,472	9	13.5
371	1,750	522	47	230	799	---	---	---
316	1,000	299	161	298	758	6,649	10	11.4
344	900	287	242	229	758	11,761	12	6.4
267	1,300	216	286	221	723	16,400	14	4.4
221	880	297	261	161	719	12,332	11	5.8
376	525	279	160	270	709	8,620	12	8.2
135	1,200	400	125	144	669	7,547	13	8.9
185	900	231	75	272	578	4,975	16	11.6
396	955	236	176	166	578	7,040	12	8.2
400	450	280	134	132	546	6,000	10	9.1
145	975	158	164	192	514	7,202	10	7.1
315	450	188	113	158	459	---	---	---

Factors from 60 TRUCK Accounts, 1953

- continued -

continued								
Farm number	Average value	Annual cost per truck				Miles of use per truck	Miles per gallon of gas	Average cost per mile of use
		Depreciation and cash repairs	Fuel	All other	Total cost			
	\$	\$	\$	\$	\$	miles	miles	¢
Small trucks (continued):								
403	250	150	192	110	452	9,699	11	4.7
384	850	190	48	213	451	---	--	--
382	782	203	66	165	434	3,010	10	14.4
281	212	146	129	140	415	4,950	9	8.4
338	975	157	52	195	404	3,220	14	12.5
391	60	199	84	99	382	3,995	11	9.6
393	650	116	64	178	358	2,450	9	14.6
200	525	124	72	142	338	4,320	13	7.8
392	300	118	102	113	333	5,744	14	5.8
383	--	26	90	94	210	3,853	10	5.5
339	40	29	52	101	182	---	--	--
376	72	71	56	47	174	---	--	--

Combinations, 21 trucks in 7 accounts:

170	778	333	154	250	737	---	---	---
407	854	298	177	254	729	---	---	---
174	647	269	93	199	561	---	---	---
401	750	151	60	129	340	---	---	---
171	962	135	36	130	301	2,353	15	12.8
375	438	146	62	91	299	---	---	---
130	119	131	35	80	246	---	---	---

Averages for 1953, weighted by number of trucks:

Large trucks	814	262	101	225	588	3,940	8**	17.8**
Small trucks	689	238	135	182	555	7,019	11***	8.4***

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

1953	728	246	113	197	556	5,442	10*****	11.5*****
1952	783	243	106	177	526	4,509	9	12.5
1951	774	234	95	164	493	4,224	9	12.4
1950	795	231	94	156	481	4,042	8	13.0
1949	667	177	96	137	410	3,792	8	12.0

* Mileage unknown

** Based on 19 large trucks with known mileage

*** Based on 22 small trucks with known mileage

**** Based on 43 trucks with known mileage

Factors from 3 HORSE Accounts, 1953
(Arranged by hours worked per horse)

Farm number	Horses per farm	Average per horse				Cost of feed and bedding	Cost per hour
		Hours worked	Value	Grain	Hay		
		<u>hours</u>	<u>\$</u>	<u>pounds</u>	<u>tons</u>	<u>\$</u>	<u>\$</u>
139	2.0	640	112	250	2.5	82	0.24
281	2.0	478	132	912	3.0	125	0.53
149	4.3	315	87	335	0.9	31	0.53

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

1953	Not averaged - - - Only three accounts						
1952	2.7	504	93	421	3.8	100	0.34
1951	2.4	424	83	528	2.7	78	0.34
1950	2.4	525	84	434	3.1	93	0.35
1949	2.3	469	94	348	3.3	89	0.39

Factors from 23 HEIFER Accounts, 1953
(Arranged by number of heifers)

Farm number	Number of heifers*	Average age end of year**	Heifer equivalent raised***	Average per heifer	
	heifers	months	number	Cost****	Value
380	72	20	20.9	226	193
344	64	19	21.2	321	200
331	63	13	15.8	353	262
398	63	18	18.9	180	250
316	58	22	17.7	405	247
375	56	20	18.9	313	180
391	56	15	16.8	262	295
399	52	19	18.5	429	246
309	46	15	14.1	209	225
382	46	18	16.9	295	165
188	44	19	16.9	299	293
405	40	15	10.7	421	191
377	39	16	11.9	391	391
393	39	16	11.9	408	266
139	38	14	10.7	417	320
130	37	17	9.7	288	250
281	37	18	11.3	467	287
324	33	13	8.8	273	175
145	31	17	8.3	249	220
354	27	17	8.0	198	200
400	18	20	6.4	201	263
149	17	17	5.4	220	188
200	13	20	4.3	358	183

Averages for 1953, by thirds according to number of heifers, weighted by farms:

High	60	18	18.6	311	234
Medium	42	16	13.3	349	264
Low	27	17	7.8	282	221

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

1953	43	17	13.2	316	239
1952	38	16	11.1	343	297
1951	35	17	9.5	347	312
1950	30	17	8.8	309	267
1949	28	18	8.7	335	224

* 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 27 DAIRY COW Accounts, 1953
(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 \$
188	65.6	327	3,055	1.6	8.4	209	48	4.25	4.13
398	51.4	262	4,852	2.0	7.0	290	86	4.80	4.20
399	46.8	379	4,000	2.6	5.4	381	96	6.42	5.42
375	46.0	213	3,266	2.2	5.1	212	18	3.61	4.33
281	42.7	285	4,937	2.0	6.2	350	40	4.69	4.30
382	41.8	166	2,628	3.0	8.1	234	2	3.16	4.37
380	41.5	252	4,011	2.5	4.6	227	29	3.55	4.49
344	38.5	328	4,139	2.2	6.6	302	45	4.50	4.21
377	37.4	374	5,040	2.6	5.2	280	47	4.11	4.33
391	36.5	282	3,416	3.1	5.5	258	83	4.76	4.60
405	35.8	301	1,775	2.1	3.0	195	26	4.81	5.44
309	35.2	294	1,963	3.4	3.6	187	116	5.42	4.58
331	35.2	285	2,823	2.2	5.5	252	87	3.97	4.21
149	33.7	276	4,317	1.2	5.2	226	88	4.86	4.55
316	33.0	258	4,236	1.3	7.0	284	116	6.82	4.87
392	30.8	292	2,281	2.3	5.3	179	17	3.34	4.25
221	28.7	192	3,963	1.4	6.7	202	83	4.96	4.60
393	28.6	295	2,635	2.3	5.2	212	7	2.98	4.10
400	28.2	285	3,237	2.1	6.7	284	65	4.66	4.53
130	28.0	231	4,142	1.3	5.2	219	105	4.84	4.60
324	24.7	261	4,562	1.7	7.7	286	1	3.87	4.15
354	24.3	193	2,183	2.8	2.1	229	34	5.25	4.54
200	23.8	210	1,879	2.2	4.6	196	3	4.07	4.60
145	21.9	213	1,772	2.6	3.7	210	23	5.79	5.63
139	20.6	403	5,333	3.5	4.5	339	25	4.16	4.50
171	13.9	218	2,245	3.2	3.3	191	69	5.95	4.95
338	10.5	220	3,867	3.4	--	274	11	4.74	4.45

Averages for 1953, by thirds according to number of cows, weighted by farms:

High	45.7	287	3,992	2.3	6.3	276	46	4.34	4.42
Medium	33.1	275	3,045	2.1	5.2	222	69	4.66	4.58
Low	21.8	248	3,247	2.5	4.2	248	37	4.81	4.66

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

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
1951	29.4	285	3,333	2.4	4.8	241	2*	3.79	4.79
1950	27.7	240	3,145	2.3	4.7	222	26*	3.37	4.25
1949	27.6	196	3,292	2.3	4.8	233	3	3.81	4.29

* Indicates appreciation per cow

Factors from 27 DAIRY COW Accounts, 1953
(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 \$			
103	3.6	479	466	-13	129	1.15	113	-844	188
117	3.5	601	531	-70	40	0.31	127	-3,608	398
108	3.5	736	627	-109	13	0.12	103	-5,086	399
106	3.6	403	480	77	168	1.79	94	3,543	375
127	3.6	647	598	-49	58	0.49	117	-2,089	281
105	3.6	370	497	127	194	2.36	82	5,297	382
117	3.4	436	546	110	190	2.39	79	4,565	380
126	3.7	600	563	-37	115	0.93	124	-1,421	344
117	3.9	559	585	26	148	1.14	130	970	377
122	3.5	614	594	-20	104	1.11	94	-740	391
78	4.6	420	469	49	151	1.40	108	1,772	405
87	3.6	495	423	-72	15	0.15	99	-2,546	309
113	3.7	521	548	27	100	1.24	81	954	331
100	3.5	509	479	-30	62	0.58	108	-1,014	149
84	5.1	603	438	-165	-67	-0.70	95	-5,433	316
98	3.6	361	450	89	174	2.22	78	2,753	392
104	3.4	531	494	-37	126	0.94	134	-1,071	221
128	3.7	447	590	143	248	2.03	122	4,082	393
110	3.5	540	526	-14	87	0.68	127	-396	400
94	3.7	487	465	-22	50	0.74	67	-627	130
120	3.5	497	531	34	147	1.63	90	849	324
77	3.4	433	379	-54	30	0.33	90	-1,315	354
86	3.4	381	427	46	132	1.34	99	1,097	200
68	4.5	425	414	-11	103	1.07	96	-242	145
110	3.6	525	563	38	117	0.99	119	777	139
67	4.1	420	353	-67	7	0.08	91	-925	171
96	3.6	500	473	-27	98	0.75	130	-288	338

Averages for 1953, by thirds according to number of cows, weighted by farms:

114	3.6	537	544	7	117	1.19	108	147	High
102	3.9	500	498	-2	101	1.00	102	-138	Medium
92	3.7	468	459	-9	86	0.85	101	-119	Low

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

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
102	3.7	441	543	102	208	1.80	116	3,002	1951
99	3.8	406	494	88	188	1.62	115	2,436	1950
97	3.8	405	451	46	139	1.22	114	1,278	1949

Factors from 17 HEN Accounts, 1953
(Arranged by number of birds)

Farm number	Size of flock birds	Eggs per hen eggs	Average per bird				Total cost \$	Total returns \$
			Grain fed pounds	Mash fed pounds	Cost all feed \$	Depre- ciation \$		
375	11,465	197	37	61	3.78	0.89	6.61	8.53
345	4,835	187	29	77	4.29	1.04	7.20	8.50
310	4,162	166	28	85	4.66	1.98	9.71	7.37
371	2,877	188	34	83	4.83	1.28	7.68	7.75
354	2,534	203	35	88	4.99	0.94	7.94	8.86
324	1,167	218	67	58	4.43	1.75	8.83	8.17
221	1,119	182	53	74	4.68	1.91	9.77	7.67
171	1,096	156	49	63	4.23	0.46	6.17	7.15
396	1,044	167	36	64	3.52	1.20	8.16	8.58
338	969	211	39	48	4.02	1.50	7.08	8.75
174	859	138	30	61	3.85	1.06	7.02	6.18
149	709	158	36	110	5.13	1.35	8.40	6.59
145	587	155	43	63	4.56	0.94	7.43	6.68
130	355	147	43	112	5.74	0.58	8.80	5.81
382	347	124	40	54	3.61	1.04	6.44	5.69
309	303	171	51	60	4.04	0.91	6.84	7.56
139	267	153	47	33	3.18	0.52	6.82	5.88

Averages for 1953, by thirds according to number of birds, weighted by farms:

High	4,507	193	38	75	4.50	1.31	8.00	8.20
Medium	1,017	171	41	62	4.06	1.23	7.64	7.67
Low	428	151	43	72	4.38	0.89	7.46	6.37

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

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
1951	1,415	189	52	62	4.60	1.24	7.88	8.58
1950	1,381	190	47	62	4.26	1.04	7.26	7.45
1949	1,379	194	48	64	4.25	1.08	7.20	8.44

Factors from 17 HEN Accounts, 1953
(Read across both pages)

Per dozen eggs		Per 100 birds		Return per hour of labor	Mortality per cent	Profit on enterprise	Farm number
Cost	Value	Labor returns	Labor hours				
\$	\$	\$	hours	\$		\$	
40	52	294	106	2.79	24	22,026	375
46	54	241	89	2.71	29	6,285	345
75	57	-41	136	-0.30	24	-9,729	310
49	50	85	61	1.40	16	211	371
48	54	166	79	2.09	10	2,335	354
48	44	100	133	0.75	34	-772	324
69	54	-15	160	-0.09	45	-2,352	221
47	55	189	112	1.69	19	1,073	171
58	61	236	94	2.50	17	440	396
40	50	269	105	2.55	25	1,619	338
60	53	51	98	0.52	24	-719	174
64	50	-55	145	-0.38	34	-1,286	149
56	51	46	102	0.45	23	-440	145
72	47	-150	138	-1.09	4	-1,062	130
59	52	21	118	0.18	33	-261	382
48	53	184	127	1.45	19	218	309
57	49	69	244	0.28	17	-252	139
Averages for 1953, by thirds according to number of birds, weighted by farms:							
51	52	141	101	1.57	23	3,393	High
55	55	146	114	1.43	26	12	Medium
59	50	19	146	0.15	22	-514	Low
Annual averages, all farms, weighted by number of birds:							
49	53	170	106	1.61	24	1,020	1953
52	50	82	113	0.73	20	-619	1952
50	54	191	120	1.59	23	986	1951
46	47	133	122	1.09	22	265	1950
45	53	235	126	1.87	23	1,705	1949

Factors from 15 CHICK Accounts, 1953
(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	\$	\$	\$	\$	\$

Day-old sexed pullet chicks:

375	11,100	92	---	8	2,182	7	35	1.75	1.55	-1.74	-2,043
310	4,939	66	11	23	1,775	8	45	2.20	2.23	1.45	104
354	3,650	82	6	12	2,584	16	29	1.93	2.06	1.53	378
371	3,600	77	4	19	2,880	19	34	2.29	2.14	0.57	-423
221	2,730	82	---	18	2,292	14	23	1.97	2.00	1.40	71
396	1,200	83	2	15	2,424	16	41	2.49	2.00	-0.49	-489
171	1,000	76	---	24	2,531	20	42	2.64	2.50	0.28	-109
338	900	87	7	6	2,344	41	40	2.47	2.25	0.50	-172
174	725	83	3	14	2,952	49	35	3.12	2.00	-0.49	-670
130	500	82	---	18	1,920	24	42	2.02	2.00	1.06	-8
145	300	92	---	8	2,338	15	35	1.84	2.00	2.16	43

Miscellaneous and straight-run chicks:

345	6,995	43	51	6	2,019	15	26	2.14	2.25	1.59	334
149	1,500	24	56	20	2,873	28	21	1.99	2.14	0.98	53
324	1,500	97	1	2	1,473	12	62	1.77	2.00	3.16	333
309	525	48	22	30	2,163	30	22	2.71	2.50	0.53	-53

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

1953	2,714	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
1951	1,867	75	11	14	2,473	22	33	2.16	2.15	1.00	-10
1950	1,964	75	10	15	2,516	25	36	2.21	2.18	0.85	-45
1949	2,000	74	12	14	2,352	25	35	2.12	1.92	0.28	-294

Factors from 4 POTATO Accounts, 1953
(Arranged by acres of potatoes)

Farm number	Potatoes grown acres	Yield per acre bu.	Cost per acre		Average per bushel		Labor per acre hours	Return per hour of labor \$	Profit on enter- prise \$
			Ferti- lizer \$	Growing \$	Cost \$	Value \$			
267	54.6	300	52	237	1.23	0.78	68	-0.35	-7,428
316	32.4	356	97	292	1.54	0.90	103	-1.17	-7,343
221	19.0	359	62	169	0.87	0.26	88	-0.98	-4,131
344	17.5	396	59	253	1.11	1.14	112	1.31	177

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

1953	Not averaged - - - Only four accounts								
1952	33.8	309	58	243	1.26	1.78	91	3.06	5,408
1951	26.5	397	46	177	0.87	1.74	104	4.49	9,142
1950	24.6	417	43	169	0.79	0.72	112	0.82	-695
1949	33.2	325	46	181	0.97	1.16	94	1.75	2,102

Factors from 7 CABBAGE Accounts, 1953
(Arranged by acres of cabbage)

Farm number	Cabbage grown 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 \$	
170	29.8	13.3	345	137	26.02	10.37	121	-27	-0.22	-6,185
221	21.0	8.9	225	76	25.44	8.54	80	-53	-0.66	-3,143
174	17.3	17.5	592	867	33.73	49.38	108	423	3.92	4,750
149	8.0	2.9	181	46	61.05	14.09	69	-76	-1.10	-1,080
380	8.0	43.6	325	530	7.46	12.16	125	329	2.63	1,639
376	7.0	27.1	472	252	17.14	9.01	162	-12	-0.07	-1,541
200	3.0	8.3	181	---	21.68	---	89	-103	-1.15	-542

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

1953	13.4	15.6	352	287	22.47	18.32	107	75	0.70	-872
1952	11.1	11.4	252	345	22.03	30.21	105	212	2.02	1,035
1951	15.4	9.7	261	404	26.91	41.62	104	263	2.52	2,197
1950	17.7	6.0	141	87	23.41	14.34	68	5	0.08	-961
1949	14.1	9.3	207	207	22.27	22.21	80	71	0.90	-8

Factors from 4 DRY BEANS Accounts, 1953
(Arranged by acres of beans)

Farm number	Beans grown	Yield	Average		Average per bushel		Labor per acre	Labor returns		Profit on enter- prise
		per acre	per acre		Net	Value		Per acre	Per hour	
		Cost	Returns	cost						
	acres	bushels	\$	\$	\$	\$	hours	\$	\$	\$
316	38.9	16	146	96	8.89	5.85	26	-24	-0.92	-1,941
135	29.0	12	68	52	5.71	4.42	14	-1	-0.04	-443
391	20.4	26	125	156	4.49	5.67	15	51	3.46	-622
395	14.7	15	71	65	4.65	4.21	11	3	0.25	-100

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

1953	Not averaged - - - Only four accounts									
1952	18.8	21	91	124	4.11	5.67	21	58	2.72	628
1951	21.3	17	81	104	4.58	5.94	18	42	2.41	502
1950	15.8	20	70	90	3.37	4.38	18	38	2.06	322
1949	13.8	12	75	49	6.16	4.02	22	-6	-0.28	-346

Factors from 3 CANNING FACTORY PEA Accounts, 1953
(Arranged by acres of peas)

Farm number	Peas grown	Yield per acre	Average		Average		Labor per acre	Labor		Profit on enter- prise
			per acre		per ton			returns		
			Cost	Returns	Net cost	Value		Per acre	Per hour	
	acres	pounds	\$	\$	\$	\$	hours	\$	\$	\$
221	30.4	2,582	100	151	77.22	116.72	13	67	5.07	1,550
377	5.0	2,266	105	131	80.39	103.36	17	42	2.43	130
396	5.0	2,186	122	148	111.15	135.10	20	67	3.37	131

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

1953	Not averaged - - - Only three farms									
1952	10.7	1,862	98	97	105.06	103.87	16	17	1.08	-12
1951	18.8	2,290	110	118	95.57	102.82	18	27	1.49	156
1950	14.4	2,038	89	95	83.02	88.79	14	20	1.42	85
1949	10.9	1,089	71	50	121.16	81.79	13	-9	-0.71	-235

Factors from 8 CANNING FACTORY TOMATO Accounts, 1953
(Arranged by acres of tomatoes)

(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	
407	49.0	7.3	352	138	47.98	18.87	119	48	-0.32	-10,451
170	40.8	11.0	303	335	27.43	30.33	99	172	1.74	1,306
315	39.0	20.1	485	600	24.15	29.88	193	385	1.99	4,487
376	21.5	13.3	365	438	27.40	32.88	130	240	1.85	1,569
384	20.1	5.0	330	183	66.29	36.78	122	-29	-0.24	-2,956
200	17.3	11.3	308	377	27.31	33.42	138	189	1.37	1,192
149	9.0	15.8	315	478	19.92	30.27	145	313	2.16	1,473
403	5.0	7.8	450	276	57.70	35.35	102	-37	-0.36	-872

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

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
1951	20.5	13.5	332	457	24.61	33.84	138	289	2.10	2,558
1950	20.4	11.1	251	288	22.55	25.87	119	152	1.28	754
1949	26.3	8.3	225	205	27.05	24.64	110	92	0.83	-526

Factors from Other CANNING FACTORY Accounts, 1953
(Arranged by crop acres)

Farm number	Crop grown	Yield per acre	Average		Average		Labor per acre	Labor returns		Profit on enter- prise
			per acre	Returns	per ton	Value		Per acre	Per hour	
	acres	pounds	\$	\$	\$	\$	hours	\$	\$	\$

Beans, Snap

267	95.8	4,680	209	234	89.28	100.00	8*	38	4.83	2,404
407	83.0	5,479	236	450	86.24	164.44	203	380	1.87	17,781
221	36.0	5,482	250	301	91.05	109.75	191	230	1.21	1,845
315	17.0	5,478	281	325	102.43	118.69	214	245	1.14	757

Beets

		tons								
221	77.0	11.0	187	225	16.98	20.40	62	102	1.65	2,906
380	6.0	13.6	263	241	19.36	17.71	121	82	0.68	-135

Broccoli

		pounds			per pound					
315	37.1	7,217	423	498	5.9	6.9	162	341	2.10	2,750
221	15.8	4,826	224	338	4.6	7.0	92	220	2.38	1,805

* Harvested by canning factory.

Factors from 14 APPLE Accounts, 1953
(Arranged by acres of apples)

Farm number	Orchard bearing age acres	Yield packable fruit per acre bu.	Labor to grow an acre hrs.	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 enter- prise \$
170	123.1	270	29	41	159	0.93	1.83	4.62	29,958
339	104.0	639	39	53	192	0.85	1.86	3.16	67,146
185	72.1	362	33	48	232	1.22	1.16	1.43	-1,684
376	63.0	207	27	59	162	0.96	1.84	4.26	11,485
315	56.8	308	14	38	124	0.71	1.78	7.15	18,693
401	40.5	183	35	51	173	1.38	1.75	1.94	2,774
383	37.6	245	35	46	178	1.13	1.75	3.23	5,679
200	27.0	101	22	30	90	1.18	1.94	2.61	2,087
171	21.9	92	13	19	55	0.98	2.26	3.79	2,574
391	17.7	176	29	36	133	1.22	2.14	3.49	2,872
345	17.3	100	32	56	132	2.20	1.40	0.48	-1,386
403	13.4	75	26	24	101	3.43	2.49	0.62	-463
149	10.6	63	16	22	78	1.56	1.47	0.69	-62
400	10.0	304	20	84	144	0.75	1.65	4.61	2,741
<u>Annual averages, all farms, weighted by number of acres:</u>									
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
1951	39.6	298	30	40	143	0.90	0.88	1.11	-3,478
1950	45.5	313	37	40	141	0.82	1.18	1.88	5,074
1949	50.4	258	38	38	144	0.91	0.91	0.98	19

Factors from 11 PEACH Accounts, 1953
(Arranged by acres of peaches)

Farm number	Orchard bearing age acres	Average per acre				Net to grower		Return per hour of labor	Profit on enter-prise
		Yield	Labor	Cost of	Cost	Cost	Returns		
		pack-able fruit bu.	to grow hours	spray and dust materials \$	to grow \$	per bu. \$	per bu. \$		
170	13.5	227	41	21	151	1.41	2.08	2.71	2,067
383	13.4	160	74	12	203	2.12	1.84	1.12	-592
200	7.2	80	9	12	55	1.72	1.58	0.73	-83
384	5.7	123	42	20	214	3.13	2.19	0.36	-661
149	3.5	113	3	16	49	0.91	1.47	2.00	223
171	3.1	113	54	18	94	1.30	1.16	0.67	-48
376	3.0	143	59	46	184	2.20	2.16	1.24	-17
403	3.0	95	53	6	151	2.93	2.65	1.13	-79
315	1.5	109	75	27	196	2.61	2.94	1.63	53
401	1.5	132	66	12	199	2.28	1.68	1.09	-119
345	1.2	201	33	14	114	1.25	2.24	2.82	239

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

1953	5.1	151	46	17	151	1.85	1.96	1.42	89
1952	5.6	142	46	17	143	1.70	1.80	1.31	81
1951	5.2	152	57	24	173	1.83	1.77	1.05	-44
1950	6.0	180	74	19	165	1.53	1.67	1.19	153
1949	6.2	117	75	15	148	2.10	1.57	0.58	-380

Factors from 3 PEAR Accounts, 1953
(Arranged by acres of pears)

Farm number	Orchard bearing age acres	Average per acre				Net to grower		Return per hour of labor	Profit on enter-prise
		Yield	Labor	Cost of	Cost	Cost	Returns		
		pack-able fruit bu.	to grow hours	spray and dust materials \$	to grow \$	per bu. \$	per bu. \$		
170	10.9	296	11	14	92	0.72	1.50	3.94	2,503
383	5.0	202	26	2	80	1.16	2.52	3.95	1,375
345	1.8	47	4	3	46	1.65	2.95	3.47	109

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

1953	Not averaged - - - Only three accounts								
1952	- - - Not averaged - - -								
1951	- - - Not averaged - - -								
1950	5.2	130	6	10	49	0.76	1.75	4.56	675
1949	6.0	56	41	15	106	3.08	1.74	0.19	-445

Factors from 11 CHERRY Accounts, 1953 /
(Arranged by acres of cherries)

(Arranged by acres of cherries)									
Average per acre									
Farm number	Orchard bearing age acres	Yield per acre pounds	Labor to grow hours	Cost of spray and dust materials		Net to grower		Return per hour of labor	Profit on enterprise
				Cost to grow		Cost per pound	Returns per pound		
				\$	\$	¢	¢	\$	\$
376*	32.5	1,178	19	17	93	16.4	11.1	0.61	-2,025
170*	18.0	4,046	10	10	76	5.8	10.4	2.64	3,372
315*	16.6	2,453	24	19	102	7.6	10.2	1.72	1,054
383***	11.3	3,470	13	28	111	9.1	9.3	1.49	60
315**	7.9	6,640	25	31	123	5.8	13.4	2.49	3,990
384***	7.0	4,286	13	7	159	6.9	11.3	2.62	1,310
170**	4.0	3,124	16	24	109	9.2	13.7	2.31	562
403**	3.5	961	9	4	59	7.0	13.8	6.52	228
171*	1.9	7,204	11	17	56	2.8	11.0	4.25	1,126
403*	0.9	4,211	13	--	83	7.5	9.9	1.93	91
171**	0.7	6,121	59	19	129	5.4	13.0	2.46	326

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

1953	9.5	2,983	17	17	99	7.9	11.1	1.92	918
1952	8.3	3,859	11	18	81	6.2	7.8	1.54	522
1951	5.4	8,384	14	21	110	4.8	6.8	1.57	905
1950	6.8	8,181	25	14	105	4.4	6.7	1.54	1,290
1949	7.1	1,602	15	11	66	8.6	9.5	1.16	105

/ 11 accounts on 7 farms
 * Sour cherries
 ** Sweet cherries
 *** Sweet and sour cherries

Factors from 5 GRAPE Accounts, 1953
(Arranged by acres of grapes)

Farm number	Vineyard acres	Average per acre			Net to grower		Return per hour of labor	Profit on enter- prise
		Yield	Labor	Cost	Cost	Returns		
		per acre	to grow	to grow	per ton	per ton		
		tons	hours	\$	\$	\$	\$	\$
403	40.7	4.2	42	165	64.03	142.60	4.78	13,352
384	23.6	4.9	58	190	63.62	137.37	3.49	8,487
376	8.0	3.0	85	208	102.59	105.93	1.34	80
401	1.8	4.2	124	329	104.36	97.49	1.40	-52
383	1.7	0.6	22	88	206.48	122.22	0.18	-91

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

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
1951	13.7	4.4	52	131	50.14	77.72	2.08	1,667

Factors for 27 PASTURE Accounts, 1953
(Arranged by cow equivalents pastured)

Farm number	Total acres pasture	Cow equiva- lents past- ured	Amount per acre for regular pasture*			Cost per cow equivalent				
			Hours labor	Pounds ferti- lizer	Total cost	After- math pasture	Annual crop pasture	Hired pasture	Net cost of regular pasture*	Total past- ure
	acres	number	hours	pounds	\$	\$	\$	\$	\$	\$
188	162.5	87	0.8	--	9	9	--	--	15	24
398	133.0	73	---	--	4	2	--	1	7	10
375	211.5	68	0.1	--	3	6	--	--	10	16
399	74.0	68	0.7	99	24	6	13	4	27	50
380	32.4	67	1.0	--	15	2	--	5	9	16
344	118.5	62	1.5	--	18	3	--	--	35	38
382	92.5	62	0.6	151	16	11	--	3	24	38
331	90.4	60	1.7	22	14	13	11	--	21	45
281	42.2	58	1.5	69	26	2	11	3	14	30
391	50.2	56	0.2	22	23	6	1	--	18	25
316	107.8	53	1.9	93	18	--	--	--	36	36
309	30.9	51	1.0	65	18	6	3	1	11	21
377	66.0	51	0.4	59	13	15	--	--	17	32
405	45.0	48	1.2	169	26	9	--	--	24	33
221	3.0	45	1.3	--	8	--	--	16	1	17
393	98.0	45	0.8	121	11	7	--	--	22	29
149	34.4	44	---	78	20	7	1	--	15	23
354	37.2	44	1.6	--	20	10	5	--	17	32
392	92.0	43	0.3	--	4	7	--	1	8	16
130	37.7	40	0.4	82	18	4	--	--	18	22
139	26.5	35	---	--	10	1	--	1	8	10
324	40.5	35	1.1	62	24	4	--	--	28	32
400	80.9	35	0.4	15	5	7	--	--	12	19
145	21.0	32	1.1	--	25	10	--	--	17	27
200	14.5	29	3.2	203	32	8	17	5	16	46
171	19.6	22	0.1	163	16	4	--	--	14	18
338	14.2	12	1.5	106	19	2	--	--	23	25

Averages for 1953, by thirds according to cow equivalents pastured, weighted by farms										
High	107.1	67	0.9	38	14	6	4	2	18	30
Medium	52.5	49	1.0	67	17	7	1	2	18	28
Low	38.5	31	0.9	70	17	5	2	1	16	24

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

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
1951	70.8	42	0.6	28	11	5	4	1	17	27
1950	64.9	39	0.8	18	10	3	4	1	16	24
1949	68.3	42	0.8	28	11	4	3	1	17	25

* Includes permanent and rotated pasture.

Factors from 40 HAY Accounts, 1953
(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	
			\$	\$	\$	\$		\$	\$	
375	128.0	1.7	40	53	22	30	4	16	4.32	1,621
331	95.8	1.6	41	43	21	23	5	7	1.30	194
398	88.8	1.8	55	66	29	35	5	15	2.88	923
188	72.4	2.2	61	52	24	20	6	-2	-0.28	-679
392	66.5	1.5	22	27	13	16	2	8	3.14	330
405	65.0	1.4	39	38	25	25	5	4	0.78	-50
382	62.9	3.0	45	76	12	23	6	35	6.28	1,916
377	61.6	2.6	68	63	22	20	9	4	0.38	-315
380	60.7	2.9	39	50	12	16	8	20	2.38	709
391	55.4	2.7	50	59	16	20	6	18	2.78	517
309	52.2	2.7	43	60	14	20	7	22	3.34	852
149	51.5	1.5	28	28	16	15	5	3	0.68	-41
221	50.8	2.2	43	39	19	17	7	4	0.57	-215
281	48.5	2.2	44	68	19	30	6	29	4.83	1,151
393	48.0	2.2	41	47	17	20	6	10	1.82	260
139	47.0	2.9	40	63	14	22	8	28	3.55	1,080
130	45.7	2.1	35	45	15	20	4	14	3.82	449
344	44.5	3.1	91	67	28	20	8	-14	-1.62	-1,069
200	39.9	2.1	43	46	18	20	6	8	1.32	112
399	39.0	1.9	81	77	37	35	5	2	0.35	-160
345	35.9	1.5	41	44	28	30	5	9	1.94	113
145	35.3	2.2	43	63	15	25	3	24	7.24	719
315	35.3	2.0	61	34	28	15	9	-14	-1.58	-938
324	29.1	1.8	52	45	26	22	5	-1	-0.14	-196
395	28.2	2.8	59	59	19	19	6	5	0.86	-5
354	28.1	3.0	51	70	14	20	11	29	2.60	522
400	27.5	1.2	47	37	34	26	3	-7	-2.33	-269
170	26.2	2.7	63	51	24	19	11	4	0.40	-309
171	26.1	2.8	39	59	13	20	8	27	3.33	542
135	19.6	1.6	39	45	16	20	6	13	2.07	120
396	18.6	3.9	56	78	15	20	9	39	4.59	406
403	18.4	2.2	46	26	21	12	6	-12	-2.16	-362
407	18.0	1.9	51	19	26	10	13	-17	-1.35	-567
316	17.0	2.1	131	48	63	23	9	-73	-7.72	-1,401
383	15.5	1.4	47	29	33	20	7	-9	-1.31	-282
310	15.0	1.9	30	33	16	18	4	8	2.18	42
338	14.0	2.4	69	65	28	26	5	--*	0.05	-61
174	12.0	2.1	92	38	44	18	8	-43	-5.45	-649
376	6.0	2.3	32	23	14	10	5	-2	-0.34	-52
267	5.0	2.0	78	51	39	26	11	-8	-0.70	-135

- continued -

Factors from 40 HAY Accounts, 1953

- continued -

Farm number	Hay	Yield	Average		Average		Labor	Labor		Profit
	per	per	per acre		per ton		per	returns		on
	farm	acre	Cost	Returns	Cost	Value	acre	Per	Per	enter-
	acres	tons	\$	\$	\$	\$	hours	\$	\$	prise
<u>Averages for 1953, by thirds according to acres of hay, weighted by farms:</u>										
High	70.1	2.1	44	50	19	21	6	12	2.20	443
Medium	38.0	2.2	52	55	22	23	6	9	1.62	126
Low	16.3	2.3	59	43	27	19	8	-6	-0.49	-208
<u>Annual averages, all farms, weighted by acres of hay:</u>										
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
1951	40.7	2.2	44	43	19	18	7	6	0.89	-25
1950	41.9	2.0	39	41	18	19	6	8	1.22	80
1949	37.5	1.7	37	43	20	23	6	11	1.76	210

* Less than \$1.00

Factors from 20 GRASS SILAGE Accounts, 1953
(Arranged by acres of silage)

Farm number	Silage per farm acres	Yield per acre tons	Labor		Cost per acre			Cost per ton to harvest \$	Net cost per ton \$
			Per ton hours	Per acre to harvest hours	To grow \$	To harvest \$	Total \$		
316	39.1	7	1.9	13	26	54	86	7.79	8.38
221	27.5	5	1.1	6	10	20	32	3.99	3.04
405	24.0	5	0.8	4	9	24	36	4.88	6.38
324	22.2	6	1.2	7	21	26	49	4.31	8.10
188	19.9	10	0.8	8	16	41	64	3.96	4.71
392	19.0	8	0.3	3	6	15	36	1.79	3.84
393	19.0	7	1.1	8	23	26	53	3.48	5.69
400	16.6	7	1.2	8	31	20	54	2.85	6.78
395	14.8	9	1.1	10	30	28	62	3.15	7.02
382	14.4	9	0.4	4	12	21	33	2.46	2.13
130	14.0	11	0.7	8	18	46	91	4.37	8.00
331	14.0	5	0.9	4	16	16	41	3.17	6.76
399	11.7	7	1.3	8	43	43	88	6.60	11.87
309	11.4	6	1.1	6	16	14	31	2.26	4.31
145	11.0	9	0.3	2	15	21	40	2.45	4.59
344	9.5	6	1.2	7	40	20	72	3.49	12.36
354	9.5	4	5.0	21	30	36	68	8.60	12.98
391	9.0	6	0.6	4	15	27	50	4.49	4.49
149	4.9	5	0.3	2	16	20	39	3.92	7.60
171	4.4	10	0.4	4	16	19	60	2.02	6.24

Averages for 1953, by thirds according to acres of grass silage, weighted by farms

High	24.4	7	1.0	7	16	29	51	4.31	5.73
Medium	14.2	8	0.9	7	25	29	62	3.77	7.09
Low	8.5	7	1.3	7	21	22	51	3.89	7.51

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

1953	15.8	7	1.0	7	20	29	55	4.15	6.36
1952	18.0	6	1.4	8	19	26	51	4.56	7.79
1951	13.1	7	1.7	11	18	32	58	4.65	6.89
1950	13.1	7	1.4	10	15	31	51	4.37	6.26
1949	17.1	5	1.5	8	15	20	40	3.76	6.87

Factors from 24 CORN SILAGE Accounts, 1953
(Arranged by acres of silage)

Farm number	Silage per farm	Yield per acre	Labor per ton	Labor per acre		Cost per acre		Cost per ton to harvest	Net cost per ton
				To grow	To harvest	Manure	Total		
	acres	tons	hours	hours	hours	\$	\$	\$	\$
398	36.5	9	1.7	5	12	11	82	3.43	8.73
331	31.5	11	1.9	11	9	15	106	2.35	9.77
344	27.0	7	2.0	6	8	9	90	4.67	12.89
375	24.0	12	1.7	5	15	20	95	2.64	8.12
188	23.9	17	0.7	4	9	18	104	2.08	6.18
281	22.3	9	1.8	6	10	36	108	2.61	12.13
382	22.1	11	0.7	4	4	15	57	0.97	5.07
221	16.0	10	1.0	5	6	2	54	2.26	5.38
380	15.4	12	1.5	7	11	1	65	2.09	5.45
391	15.0	12	1.3	9	7	15	108	2.65	9.10
149	14.2	11	0.6	6	—	20	104	2.55	9.81
324	14.2	9	1.8	8	7	8	66	2.59	7.60
200	13.0	8	2.5	9	10	—	65	2.83	7.89
315	13.0	11	1.2	11	3	—	74	1.89	6.65
309	12.3	5	2.2	5	7	14	57	3.09	10.77
377	12.0	22	1.1	6	17	14	108	1.55	5.02
395	10.4	6	1.8	8	4	13	87	3.11	13.70
139	10.3	8	2.8	7	15	21	83	3.84	10.72
130	9.0	9	1.1	4	5	11	105	2.83	12.09
322	6.0	12	1.4	13	3	—	71	1.31	6.11
396	5.0	9	2.2	7	12	10	94	3.88	10.88
400	4.0	10	1.0	10	—	25	111	2.85	11.10
145	3.0	10	1.3	8	5	21	120	3.03	11.58
171	2.0	13	0.9	8	4	2	114	2.81	8.73

Averages for 1953, by thirds according to acres of silage, weighted by farms:

High	25.4	11	1.4	6	9	16	87	2.63	8.53
Medium	13.6	11	1.5	8	8	9	81	2.40	7.79
Low	6.2	10	1.6	8	6	13	98	2.96	10.61

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

1953	15.1	10	1.4	7	8	13	87	2.51	8.28
1952	15.6	11	1.5	6	10	14	91	2.78	8.44
1951	15.8	10	1.8	7	11	12	86	3.14	8.64
1950	15.6	9	2.1	7	11	11	77	3.22	8.80
1949	13.8	10	2.1	8	13	14	86	2.81	8.51

Factors from 19 CORN FOR GRAIN Accounts, 1953
(Arranged by acres of corn)

Farm number	Grain per farm acres	Yield per acre bushels	Average		Average		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
221	59.0	64	68	103	1.06	1.60	7	44	5.92	2,045
371	48.2	55	59	92	1.08	1.68	10	45	4.67	1,574
171	40.9	55	62	83	1.12	1.50	12	31	2.52	852
382	40.2	52	76	85	1.48	1.65	7	15	2.02	361
377	37.9	71	90	99	1.26	1.39	12	21	1.71	365
345	31.1	34	86	68	2.55	2.00	17	3	0.18	-581
149	27.6	48	65	58	1.38	1.22	6	-2	-0.33	-207
130	24.0	62	53	94	0.85	1.50	5	46	8.93	981
380	22.9	43	95	52	2.23	1.22	11	-32	-2.77	-987
315	17.0	50	68	50	1.35	1.00	16	4	0.23	-301
324	12.6	32	92	50	2.90	1.57	10	-30	-3.15	-532
309	12.3	45	55	55	1.23	1.22	7	6	0.80	-5
399	12.0	44	91	81	2.07	1.85	23	18	0.76	-114
396	11.0	61	84	85	1.37	1.40	13	29	2.17	17
391	10.3	74	69	101	0.93	1.35	9	43	4.84	324
395	9.8	54	59	61	1.09	1.12	3	5	1.41	18
383	9.7	39	106	41	2.75	1.07	9	-52	-5.70	-630
145	9.0	25	72	55	2.88	2.23	7	-7	-0.98	-146
200	7.0	54	55	86	1.02	1.60	13	42	3.25	216

Averages for 1953, by thirds according to acres of corn, weighted by farms:

High	42.9	55	74	88	1.43	1.64	11	26	2.84	769
Medium	18.3	46	74	63	1.72	1.37	11	1	0.64	-166
Low	9.5	51	74	72	1.67	1.46	9	10	4.99	-34

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

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
1951	20.7	44	57	75	1.31	1.73	13	31	2.48	384
1950	16.7	53	57	83	1.06	1.55	14	39	2.85	433
1949	14.0	45	53	65	1.14	1.39	15	24	1.64	156

Factors from 19 OAT Accounts, 1953
(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	
344	45.0	48	52	56	0.90	1.00	6	13	1.94	210
316	35.0	50	63	55	1.09	0.95	8	2	0.21	-253
188	33.3	47	85	57	1.72	1.12	10	-15	-1.47	-938
130	32.1	62	37	48	0.56	0.75	4	16	3.97	371
382	31.3	47	57	44	1.13	0.85	7	-7	-1.02	-416
221	29.0	62	50	51	0.72	0.74	4	6	1.57	36
371	27.0	28	43	32	1.54	1.16	7	-1	-0.18	-288
377	24.3	45	75	45	1.47	0.80	10	-21	-2.19	-735
396	15.8	70	52	64	0.68	0.85	6	24	4.11	191
149	15.4	57	50	60	0.82	1.00	4	14	3.18	153
392	15.0	29	46	35	1.33	0.96	7	-3	-0.47	-161
393	15.0	32	68	41	1.79	0.96	11	-17	-1.46	-402
324	13.0	62	66	53	0.91	0.70	8	-3	-0.43	-165
375	12.5	38	67	51	1.54	1.12	5	-11	-2.21	-200
200	12.2	20	43	16	2.12	0.80	4	-23	-5.34	-329
171	6.5	31	43	26	1.41	0.85	8	-11	-1.42	-111
145	5.0	44	68	72	1.20	1.28	8	13	1.68	18
170	4.5	28	116	39	4.17	1.40	24	-41	-1.71	-346
403	4.0	42	64	52	1.29	1.00	11	3	0.24	-49

Averages for 1953, by thirds according to acres of oats, weighted by farms:

High	34.3	53	57	52	1.02	0.90	6	2	0.87	-165
Medium	17.9	46	57	47	1.22	0.92	8	-1	0.37	-201
Low	7.4	34	67	43	1.96	1.08	10	-12	-1.46	-170

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

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
1951	18.0	55	54	61	0.84	0.97	9	16	1.77	126
1950	15.7	47	48	52	0.92	1.01	8	12	1.43	65
1949	19.3	27	40	26	1.40	0.89	7	-7	-0.98	-266

Factors from 25 WHEAT Accounts, 1953
(Arranged by acres of wheat)

Farm number	Grain per farm acres	Yield per acre bushels	Average		Average		Labor per acre hours	Labor returns		Profit on enter- prise \$
			per acre		per bushel			Per acre \$	Per hour \$	
			Cost	Returns	Net	Value				
			\$	\$	\$	\$				
221	114.1	46	58	97	1.08	1.92	5	45	9.75	4,466
267	80.5	35	45	66	1.25	1.84	7	32	4.54	1,685
315	73.6	37	71	79	1.77	1.97	12	23	1.95	550
380	55.9	44	70	108	1.40	2.27	8	44	5.75	2,109
149	50.4	21	58	52	2.48	2.20	4	-2	-0.62	- 300
170	44.3	45	66	103	1.47	2.29	11	53	4.70	1,631
171	41.5	30	45	72	1.37	2.28	8	34	4.11	1,124
377	38.6	38	84	79	1.88	1.76	13	7	0.57	- 180
391	36.9	37	71	100	1.51	2.29	7	38	5.28	1,057
130	34.5	38	49	82	1.20	2.09	6	41	6.51	1,157
382	31.8	37	48	85	1.10	2.10	6	43	6.61	1,176
371	31.7	33	42	73	1.16	2.10	8	40	5.17	975
200	25.9	38	54	95	1.24	2.33	9	50	5.49	1,078
309	23.9	29	63	69	1.76	1.97	11	15	1.44	148
135	22.0	30	53	73	1.75	2.41	8	28	3.72	438
331	20.0	27	91	73	2.77	2.11	15	-3	-0.22	- 354
324	18.6	43	80	114	1.42	2.20	9	45	4.85	621
405	18.0	15	80	49	4.14	2.04	13	-18	-1.37	- 554
396	17.8	45	76	101	1.44	1.99	11	46	4.35	442
174	17.7	31	72	73	1.97	2.00	7	10	1.50	16
395	16.3	29	59	73	1.71	2.18	9	22	2.47	222
407	16.0	31	83	79	1.86	1.72	17	15	0.87	- 67
145	13.0	32	73	101	1.56	2.40	9	38	4.20	354
399	10.3	12	88	38	6.61	2.38	8	-40	-5.04	- 508
403	4.2	42	98	82	2.06	1.68	22	14	0.65	- 66

Averages for 1953, by thirds according to acres of wheat, weighted by farms:

High	62.4	37	62	82	1.59	2.07	8	30	3.84	1,386
Medium	27.3	35	61	85	1.55	2.18	9	33	4.32	700
Low	14.2	30	79	74	2.67	2.05	12	11	0.95	- 20

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

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
1951	27.3	31	55	76	1.49	2.19	9	31	3.48	597
1950	31.1	31	48	70	1.03	2.06	10	32	3.30	701
1949	25.4	32	48	68	1.30	1.94	9	29	3.12	514

Factors from MISCELLANEOUS GRAIN Accounts, 1953
(Arranged by acres of grain)

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	
			\$	\$	\$	\$		\$	\$	\$
<u>Barley</u>										
331	16.6	1	50	4	78.70	2.00	5	-41	-7.97	-767
149	11.3	66	66	65	0.93	0.91	7	5	0.69	-14
221	9.0	70	83	118	1.03	1.52	12	49	4.23	313
135	6.0	33	39	57	0.95	1.50	3	21	7.11	109
<u>Mixed Spring Grain</u>										
398	33.0	52	85	74	1.42	1.20	10	-3	-0.28	-376
309	14.8	17	50	20	2.83	1.11	8	-22	-2.90	-434
395	13.2	57	49	58	0.75	0.90	8	15	1.99	112
<u>Rye</u>										
403	7.6	24	61	38	2.35	1.37	10	-9	-0.90	-177
149	4.0	38	95	74	2.23	1.67	6	-16	-2.52	-85
391	2.0	54	74	90	1.08	1.39	17	39	2.29	33