

Individual Factors and Annual Averages

—from—

FARM COST ACCOUNTS

46 Farms - 1952

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

May 1954

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
Work horses	16
Livestock:	
Heifers	17
Dairy cows	18
Hens	20
Chicks	22
Cash crops:	
Potatoes	23
Cabbage	23
Dry beans	24
Canning factory peas	24
Canning factory tomatoes	25
Fruit:	
Apples	26
Peaches	27
Pears	27
Cherries	28
Grapes	28
Pasture, hay, and silage:	
Pasture	29
Hay	30
Grass silage	31
Corn silage	32
Grain:	
Corn	33
Oats	34
Wheat	35
Barley	36

**INDIVIDUAL FACTORS AND ANNUAL AVERAGES
FOR FARM COST ACCOUNTS, 1952**

For the Cost Account year 1952, there were 46 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 and 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 field work on these accounts was performed by Arne Nissen 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, Gloria Howell, and Bonnie Harris. Assistance was also given by Grace Bush and Dolores Schubert.

THE ECONOMIC SITUATION IN 1952*

The 1952 crop year turned out to be a good farming year. Farm prices, which had been declining since the peak 1948 year, turned upward during the latter part of 1950, and were high throughout 1952. Cost also increased, but the situation was generally favorable for farming.

Year	New York farm prices	Prices of articles farmers buy	Earnings of factory workers
1935-39	106	125	210
1948	278	259	485
1949	244	250	496
1950	231	255	513
1951	261	281	559
1952			
Jan.	282	287	577
Feb.	281	288	579
Mar.	277	288	583
Apr.	275	289	561
May	280	289	575
June	298	286	576
July	276	286	571
Aug.	276	287	584
Sept.	273	285	594
Oct.	275	282	595
Nov.	276	281	601
Dec.	256	280	610
1953			
Jan.	260	282	610
Feb.	246	280	612
Mar.	244	281	614
Apr.	236	279	608

Farmers, however, were not in nearly so favorable a position as non-farm workers. Earnings of factory workers showed little tendency for a post-war decline, were high throughout the period and increased during 1952 while farm prices tended to level off.

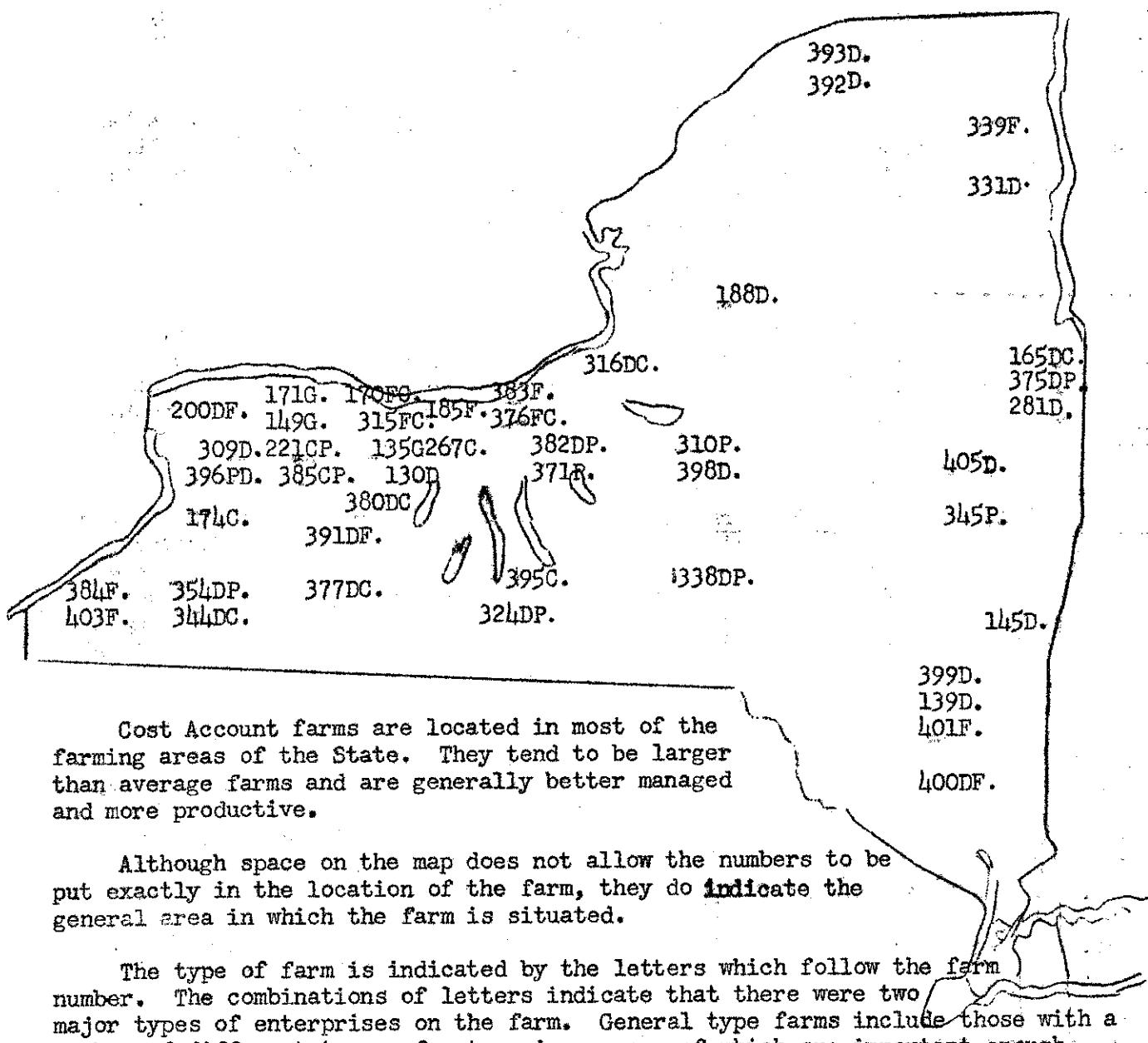
* The indexes for New York farm prices, prices of articles farmers buy and earnings of factory workers are on a pre-World War I base.

Source: Farm Economics, Number 189, March, 1953; and 190, July 1953.

LOCATION OF FARMS

Legend

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



YIELDS FOR CROPS AND LIVESTOCK

Better farming methods, more fertilizer, better feeding, new varieties, more intensive operation, and favorable weather have caused yields for crops and livestock to be high in recent years. The Cost Account Farm yields for most crops were about the same as the average for New York State for 1952. Most grain crops yielded well. Corn yields were 11 bushels over the previous year. Wheat and barley yields were up. Oats was an exception. Yields fell by 13 bushels.

Item	New York State*			Cost Accounts
	1936-40	1946-50	1952	1952
Hay	1.3	1.5	1.7	2.0
Corn silage	8.9	9.6	10.5	10.7
Corn grain	34	41	49	55
Wheat	24	27	29	35
Oats	30	36	37	42
Barley	25	30	31	46
Dry beans	14.0	18.8	18.3	21.3
C.F. peas	1345	2114	1530	1862
C.F. tomatoes	7.6	7.6	12.6	12.4
Potatoes	130	257	287	309
Cabbage	9.7	12.0	12.9	11.4
Cows	5628	6242	6840	10160
Hens	154	183	194	190

* BAE Reports.

Milk production per cow on Cost Account Farms is considerably above the average for the State. Production rates for hens are slightly above the State average.

WEATHER CONDITIONS AT FIVE NEW YORK STATIONS, 1952*

Station	Length of growing season**	May 1 - Sept. 30		Annual total	
		days	Temperature degrees	Precipitation inches	Precipitation inches
Batavia	154		64.8	14.0	29.3
Ithaca	148		64.4	16.8	34.6
Canton	145		64.5	18.2	36.3
Rifton	153		66.2	28.9	58.1
Schenectady	182		66.8	17.8	37.2
New York State			64.3	17.9	38.5
Normal			64.0	18.3	39.3

* Weather Bureau, U. S. Department of commerce, Annual Summary, 1952.

** Number of days between first and last frost.

The total annual precipitation for New York State was only .7 inches below normal for the State. Although wet soil delayed the planting season, dry and favorable weather in May helped farmers to get their work caught up, and they were about on schedule in June.

Summary, 1952
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>							
Potatoes	6	33.8	309 bu.	\$3.06	91	\$5,408	\$160
Cabbage	8	11.1	11.4 tons	2.02	105	1,035	93
Tomatoes, C.F.	11	16.6	12.4 tons	1.66	131	1,032	62
Peas, C.F.	5	10.7	1,862 lbs.	1.08	16	-12	-1
Beans, dry	5	18.8	21 bu.	2.72	21	628	33
<u>Fruit</u>							
Apples	15	41.8	246 bu.	2.87	96	6,177	148
Cherries	12	8.3	3,859 lbs.	1.54	141	522	63
Peaches	11	5.6	142 bu.	1.31	109	81	14
Grapes	5	15.0	3.4 tons	1.51	121	560	37
<u>Hay and grain</u>							
Hay	38	44.2	2.0 tons	1.43	6	98	2
Wheat	26	31.7	35 bu.	3.89	8	753	24
Corn for grain	24	18.3	55 bu.	2.45	13	338	18
Oats	30	19.7	42 bu.	-0.22	8	-194	-10
Barley	7	10.4	46 bu.	4.97	6	227	22

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	Profit per head
Dairy cows	28	31	10,160 lbs.	\$1.39	106	\$1,267	
Hens	19	1,739	190 eggs	0.73	1.1	-619	
Raising chicks	20	2,533*	--	1.33	19**	131	

* Number of chicks started.

** Per 100.

Farm enterprises	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	1950	1951	1952
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>Livestock</u>											
Dairy cows	0.30	0.25	0.40	0.14	0.25	0.55	1.49	1.21	1.62	1.80	1.39
Hens	0.28*	0.84	0.47	0.31	0.29	0.77	1.34	1.87	1.09	1.59	0.73
Raising chicks	--	--	--	0.46	0.33	0.48	0.44	0.27	0.85	1.00	1.33
<u>Fruit</u>											
Apples	--	0.79	0.79	0.45	0.45	0.85	1.60	0.98	1.87	1.11	2.87
Cherries	--	--	--	--	0.64	0.88	2.32	1.16	1.54	1.57	1.54
Peaches	--	--	--	--	0.54	0.56	1.57	0.58	1.19	1.05	1.31
Grapes	--	--	--	--	--	--	--	--	--	2.08	1.51
<u>Hay and grain</u>											
Hay	0.73	0.66	0.08	-0.01	0.18	0.51	1.09	1.88	1.22	0.89	1.43
Corn	0.13	-0.01	-0.13	0.03	0.22	0.58	1.79	1.64	2.85	2.48	2.45
Oats	0.11	-0.31	0.03	-0.34	-0.02	0.14	0.76	-0.98	1.43	1.77	-0.22
Wheat	0.58	-0.03	0.20	-0.03	0.47	1.17	3.15	3.12	3.30	3.48	3.89
Barley	--	--	--	--	--	--	--	--	--	1.38	4.97
<u>Vegetables</u>											
Beans, dry	0.12	0.23	-0.06	0.05	0.30	0.59	1.51	0.28	2.06	2.41	2.72
Cabbage	0.46	0.45	0.49	0.34	0.48	1.08	1.15	0.90	0.09	2.52	2.02
Peas, C.F.	--	--	--	0.21	0.16	0.92	2.95	0.71	1.42	1.49	1.08
Potatoes	0.49	0.51	0.89	0.52	0.50	1.08	2.11	1.75	0.82	4.49	3.06
Tomatoes, C.F.	--	--	--	0.24*	0.41	0.67	1.56	0.83	1.28	2.10	1.66

* Less than five years.

Factors from REAL ESTATE Accounts, 1952
46 Farms
(Arranged by farm number)

Farm number	Acres	Total	Value	Cost of	Building
	cropland	acres	land and buildings	cropland per acre	cost in per cent of value
	acres	acres	\$	\$	%
130	193.0	229.3	35,536	4.98	20.5
135	80.0	142.8	17,320	4.45	7.7
139	66.5	99.7	20,575	8.17	11.6
145	101.0	125.2	22,430	3.65	21.4
149	174.2	326.0	31,374	3.60	14.1
165	155.3	203.2	23,696	6.01	16.2
170	132.6	389.4	61,198	6.33	22.6
171	180.9	225.5	20,873	4.27	13.1
174	130.4	150.4	56,707	16.69	15.1
185	1.8	118.6	52,322	2.22	32.6
188	167.3	389.6	43,410	4.75	14.4
200	101.5	174.5	39,262	8.46	23.1
221	424.4	447.2	64,588	6.57	7.7
267	235.9	385.6	57,042	7.64	19.6
281	118.8	160.3	26,234	3.46	16.0
309	93.4	162.7	19,446	3.87	12.6
310	53.6	68.0	24,398	4.81	18.2
315	203.4	468.2	71,604	8.46	11.6
316	174.4	275.8	54,156	6.36	17.9
324	104.2	233.8	26,116	4.17	11.4
331	224.1	514.0	38,320	4.91	13.9
338	24.7	83.0	7,725	3.12	9.4
339	--	140.0	43,254	--	11.7
344	107.0	406.0	62,380	10.07	11.9
345	93.0	210.8	39,000	10.83	17.4
354	51.1	141.1	23,052	6.63	13.4
371	126.6	175.8	16,022	2.36	10.3
375	166.8	608.0	80,344	3.29	11.3
376	20.2	142.2	45,102	13.56	11.0
377	196.4	281.9	48,485	7.30	11.7
380	119.6	162.3	25,468	6.63	13.6
382	121.2	187.0	17,150	4.02	22.5
383	28.0	141.3	28,602	7.54	16.4
384	30.6	88.9	43,790	13.07	2.3

- continued -

Factors from REAL ESTATE Accounts, 1952

46 Farms

- continued -

Farm number	Acres cropland	Total acres	Value land and buildings	Cost of cropland per acre	Building cost in per cent of value
	acres	acres	\$	\$	%
385	125.4	165.7	40,075	6.04	10.8
391	183.0	262.4	39,612	3.90	25.7
392	142.1	306.0	17,958	3.43	14.2
393	117.0	214.0	14,602	3.84	13.3
395	139.0	193.8	14,745	3.27	11.1
396	27.4	28.6	11,505	6.13	14.9
398	151.3	303.3	42,115	3.90	23.2
399	91.0	206.0	49,838	10.69	8.9
400	54.6	146.9	20,838	4.65	21.0
401	12.5	83.0	15,897	9.28	12.9
403	66.5	175.3	39,504	7.97	22.6
405	140.0	188.0	23,270	6.22	18.3
<u>Annual averages, all farms:</u>					
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
1948	104.1	224.1	32,589	5.67	14.5

Factors from 46 LABOR Accounts, 1952
(Arranged by man equivalent)

Farm number	No.	Total hours per farm men			Farm operator		Average cost per month for regular hired men			Cost Average			
		Farm of men	per farm	Hours per man	Priva-	Wage per mo.	leges per mo.	Wage and privileges	and board	Wage only	per hour	per hour	Average cost per man
					Wage per mo.	Wage and privileges	Wage board	Wage only	per hour	per hour	Average cost per man		
		men	hours	hours	\$	\$	\$	\$	\$	\$	\$	\$	\$
174	14.1	34,562	2,451	375	104	-	-	305	0.78	1.34	3,277		
315	9.7	27,371	2,822	250	92	312	-	293	1.10	1.20	3,372		
170	9.4	26,285	2,796	281	70	291	-	-	1.22	1.29	3,610		
221	9.3	27,273	2,933	250	132	282	162	208	1.05	1.14	3,349		
316	7.8	21,923	2,811	300	143	269	-	183	0.49	1.45	3,510		
376	6.9	15,636	2,266	292	74	216	-	-	0.95	1.30	3,078		
339	6.8	17,998	2,647	357	8	298	-	225	1.47	1.45	3,825		
375	5.8	17,500	3,017	250	120	255	-	231	0.66	1.05	3,178		
383	5.6	13,905	2,483	250	50	196	-	-	0.99	1.19	2,951		
403	4.9	10,474	2,138	250	62	202	-	235	0.78	1.37	2,933		
385	4.5	13,765	3,059	250	73	264	-	168	0.73	0.83	2,688		
267	4.4	8,871	2,016	200	91	214	-	-	1.43	1.53	3,088		
345	4.3	11,411	2,654	230	228	-	179	232	0.98	1.32	3,512		
399	4.2	12,020	2,862	250	105	216	-	226	0.66	1.12	3,210		
149	4.1	12,386	3,021	200	73	224	-	158	0.95	0.88	2,649		
185	4.1	11,936	2,911	445	37	283	-	-	1.74	1.53	4,455		
384	4.1	9,821	2,395	208	39	216	-	-	0.74	1.00	2,394		
188	3.9	13,783	3,534	417	64	275	-	-	0.85	1.14	4,045		
324	3.9	9,275	2,378	250	42	206	149	-	1.09	1.18	2,805		
398	3.8	13,016	2,425	250	56	296	227	-	1.04	0.93	3,193		
165	3.7	11,373	3,074	233	83	283	-	-	1.08	1.11	3,426		
344	3.6	11,364	3,157	185	66	289	-	251	1.01	0.97	3,061		
377	3.4	10,268	3,020	250	104	-	185	-	1.14	0.94	2,850		
200	3.2	10,752	3,360	250	80	279	-	-	0.82	0.53	3,114		
391	3.2	8,889	2,773	250	115	-	-	208	1.24	1.26	3,507		
331	3.1	8,830	2,648	267	110	-	219	-	0.46	1.05	2,998		
401	3.1	7,910	2,552	292	68	-	-	222	0.89	1.23	3,135		
310	3.0	9,926	3,309	167	166	-	-	280	0.64	0.93	3,087		
171	2.6	7,642	2,939	250	33	208	-	-	1.07	0.87	2,554		
405	2.5	7,333	2,933	250	90	171	208	-	0.86	1.07	3,137		
380	2.4	9,320	3,883	167	89	-	162	-	0.60	0.59	2,302		
382	2.4	7,941	3,309	250	68	201	216	-	0.60	0.90	2,993		
281	2.3	7,980	3,470	259	69	-	205	-	1.00	0.84	2,916		
130	2.1	6,231	2,967	208	80	246	-	-	1.00	1.17	3,468		
354	2.1	7,743	3,687	250	53	-	146	-	0.35	0.71	2,635		

- continued -

Factors from 46 LABOR Accounts, 1952

- continued -

Farm number	No.	Total		Farm operator		Average cost per month for regular hired men			Cost Average per hour per hour for all help			Average cost per man for labor
		men	hours	Hours	Wage per mo.	leges per mo.	Wage and privileges	Wage and board only	per hour	per hour	per hour	
		men	hours	hours	\$	\$	\$	\$	\$	\$	\$	
393	2.1	6,684	3,183	250	91	-	204	-	0.71	1.00	3,191	
309	2.0	6,343	3,172	200	86	-	180	174	0.50	0.82	2,606	
400	1.8	5,572	3,095	200	94	-	-	-	0.68	0.95	2,929	
371	1.6	4,273	2,674	240	41	-	-	-	0.87	1.12	2,994	
396	1.6	3,567	2,289	100	45	-	-	-	1.10	1.98	4,122	
139	1.5	6,107	4,071	250	93	-	-	62	-	0.74	2,996	
338	1.5	3,288	2,192	150	51	-	-	-	1.00	0.92	2,020	
395	1.4	2,753	1,965	150	23	-	-	-	0.50	0.94	1,842	
392	1.3	3,991	3,070	250	54	-	-	-	0.58	1.08	3,329	
135	1.2	3,004	2,503	150	112	-	-	75	-	1.12	2,802	
145	1.2	4,277	3,554	190	92	-	-	-	-	1.15	4,094	

Averages for 1952, by thirds according to number of men, weighted by farms:

High	6.8	18,092	2,665	265	92	245	170	224	0.93	1.22	3,215
Medium	3.4	10,090	3,031	258	78	251	192	240	0.95	1.05	3,129
Low	1.7	5,317	3,010	227	70	224	190	104	0.74	1.03	3,016

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

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	11,763	2,809	194	67	209	125	152	0.84	0.92	2,583
1948	4.1	11,059	2,725	173	60	200	132	177	0.85	0.90	2,440

Factors from 46 EQUIPMENT Accounts, 1952
(Arranged by equipment investment)

Farm number	Equipment other than power* equipment			Total investment for equip.			Proportion of farm capital that is:			Custom work	
	Cost in Invest- per cent		ment	Cost per crop** acre		and power	Equip.	Power* and equip.	Spent for Rec'd	Spent	Rec'd
	Net Invest- ment	annual cost	%	\$	\$	\$	%	%	\$	\$	
174	18,764	8,358	45	98	44	31,168	17	28	885	159	
221	14,715	6,294	43	32	14	28,178	10	18	2,934	2,073	
345	14,622	2,389	16	129	21	17,972	19	24	0	0	
185	14,467	5,091	35	155	54	21,424	15	22	0	40	
315	14,160	4,765	34	41	14	24,842	12	21	455	0	
344	13,364	3,809	28	98	28	18,712	12	17	107	418	
339	12,864	4,397	34	124	42	17,882	13	19	0	0	
316	12,381	3,224	26	62	16	26,157	13	23	0	0	
375	12,148	3,077	25	72	18	15,693	9	12	195	0	
383	12,077	4,419	37	117	43	17,322	19	27	251	436	
384	11,452	1,726	15	169	25	18,046	18	28	0	0	
398	10,672	2,895	27	67	18	15,692	12	17	15	0	
331	10,150	2,681	26	45	12	16,740	12	19	24	0	
324	9,460	2,902	31	88	27	14,010	16	24	428	1,104	
170	8,939	4,595	51	28	14	19,884	8	18	624	374	
399	8,660	3,522	41	73	30	12,860	9	13	165	408	
403	8,394	1,767	21	59	13	12,598	14	20	1,572	54	
267	8,117	2,895	36	34	12	18,654	8	19	0	0	
377	8,046	2,493	31	41	13	14,295	8	14	439	16	
382	7,730	2,149	28	31	9	14,248	13	24	252	7	
171	7,504	2,042	27	34	9	12,366	15	25	196	0	
188	7,408	2,505	34	50	17	11,995	8	13	0	0	
376	6,668	2,785	42	42	18	13,498	10	20	50	423	
354	6,189	1,476	24	117	28	8,639	13	18	0	0	
200	5,800	1,324	23	30	7	10,800	9	18	598	0	
385	5,761	1,815	32	40	12	10,502	6	12	508	16	
396	5,436	1,567	29	62	18	7,341	17	22	0	0	
391	5,055	2,596	51	25	13	6,953	7	10	536	56	
309	4,956	1,340	27	36	10	7,786	10	16	371	0	
130	4,788	1,729	36	25	9	8,968	8	14	61	326	
149	4,660	2,397	51	18	9	12,060	7	17	1,500	0	
281	4,444	1,372	31	37	12	6,169	8	11	481	52	
395	4,278	1,257	29	31	9	6,593	11	17	519	125	
165	4,218	2,460	58	26	15	8,971	8	16	233	178	
380	4,157	1,664	40	22	9	7,277	7	13	1,015	361	

- continued -

Factors from 46 EQUIPMENT Accounts, 1952

- continued -

Farm number	Equipment other than power* equipment				Cost in investment per cent	Investment for equip.	Total investment for equip. and power	Proportion of farm capital that is:	Power* Custom work and Spent Rec'd		
	Net annual investment	Invest- ment cost	annual invest- ment	Net of crop** acre					Power* and Equip. for	Custom work and Spent Rec'd	
	\$	\$	%	\$					\$	\$	\$
393	4,029	1,221	30	34	10	7,454	10	18	69	1,104	
405	3,362	1,452	43	24	10	5,595	7	12	282	0	
135	3,270	658	20	33	7	4,620	12	17	386	147	
392	3,193	868	27	20	5	4,718	9	13	118	10	
310	3,094	1,529	49	55	27	4,224	8	10	302	31	
338	2,829	395	14	115	16	4,479	15	24	139	0	
400	2,536	1,782	70	39	28	5,541	6	14	202	0	
371	2,518	828	33	20	7	4,480	9	15	0	0	
139	2,478	705	28	34	10	4,628	6	11	82	0	
145	1,762	759	43	18	8	2,952	4	7	949	0	
401	1,742	1,021	59	28	16	3,282	6	12	0	113	

Averages for 1952, by thirds according to investment in equip., weighted by farms:											
High	12,682	4,041	32	88	26	20,248	14	21	395	307	
Medium	6,573	2,150	33	45	14	11,473	10	17	391	82	
Low	3,194	1,198	38	36	13	5,399	8	14	318	141	

Annual averages, based on totals for all farms:

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 82 TRACTOR Accounts, 1952
 (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						
		\$	\$									
<u>One-plow tractors, 10 tractors in 10 accounts:</u>												
315	1,020	160	93	119	372	0.6	800	0.46				
385	250	59	109	49	217	0.9	648	0.33				
384	1,569	6	151	123	280	1.4	560	0.50				
324	1,075	110	60	99	269	0.7	462	0.58				
200	625	91	53	105	249	0.7	428	0.58				
376	600	178	61	92	331	0.9	380	0.87				
188	850	103	45	78	226	0.6	347	0.65				
384	1,200	217	37	86	340	0.7	274	1.24				
324	750	105	35	83	223	0.7	256	0.87				
403	832	249	13	59	321	0.4	188	1.71				
<u>Two-plow tractors, 43 tractors in 43 accounts:</u>												
401	300	204	155	113	472	0.7	1,053	0.45				
339	675	126	179	166	471	0.9	985	0.48				
149	1,900	526	388	174	1,088	2.3	932	1.17				
200	1,800	143	164	172	479	1.0	871	0.55				
385	740	331	213	109	653	1.3	859	0.76				
344	1,250	115	116	122	353	0.7	798	0.44				
130	2,366	285	243	215	743	1.7	764	0.97				
188	725	243	281	152	676	1.9	730	0.93				
221	605	112	159	95	366	1.2	695	0.53				
391	566	431	201	75	707	1.6	695	1.02				
398	570	88	118	71	277	0.7	691	0.40				
354	1,400	248	143	108	499	1.2	684	0.73				
135	400	233	203	120	556	1.6	668	0.83				
403	1,084	133	125	125	383	1.1	632	0.61				
385	1,640	211	118	156	485	1.0	598	0.81				
396	700	300	160	58	518	1.2	593	0.87				
221	1,350	241	84	118	443	0.7	592	0.75				
221	465	196	147	72	415	1.3	587	0.71				
324	1,150	261	135	135	531	1.2	587	0.90				
376	675	437	86	102	625	0.8	579	1.08				
392	575	118	168	97	383	1.5	562	0.68				
391	1,198	208	94	99	401	1.0	532	0.75				
403	660	133	71	94	298	0.8	503	0.59				
371	388	58	149	49	256	1.6	470	0.54				
405	1,120	303	48	187	538	0.8	437	1.23				
371	975	56	153	64	273	1.8	420	0.65				
316	450	150	151	90	391	1.8	400	0.98				
344	500	31	133	53	217	1.7	396	0.55				
395	1,100	406	100	103	609	1.3	378	1.61				
130	575	114	123	92	329	1.7	376	0.88				
315	425	96	79	68	243	1.2	376	0.65				
316	1,750	107	126	131	364	1.6	376	0.97				
395	575	177	102	50	329	1.4	369	0.89				
383	533	183	32	133	348	0.5	340	1.02				
149	800	429	143	83	655	2.5	321	2.04				
384	644	114	102	51	267	1.7	307	0.87				
376	550	104	114	195	413	2.0	299	1.38				

Factors from 82 TRACTOR Accounts, 1952

- continued -

Farm number	Average value	Annual cost per tractor				Gallons per hour	Hours of use per tractor	Average cost per hour of use
		Depreciation and cash repairs		All Fuel	Total other cost			
		\$	\$	\$	\$			
<u>Two-plow tractors (continued):</u>								
399	850	353	104	79	536	2.0	297	1.80
338	1,050	131	54	81	266	1.1	256	1.04
405	250	80	61	137	278	1.9	244	1.14
139	1,350	134	48	86	268	0.9	227	1.18
395	1,000	40	32	63	135	1.8	84	1.61
399	275	50	34	23	107	2.5	76	1.41
<u>Three-plow tractors, 13 tractors in 13 accounts:</u>								
315	2,125	360	266	206	832	1.6	931	0.89
316	1,600	262	307	158	727	2.2	810	0.90
383	1,696	293	199	134	626	1.4	807	0.78
221	3,400	1,208	168	293	1,669	1.5	803	2.08
315	2,228	379	306	208	893	2.2	766	1.17
221	1,588	386	212	154	752	1.8	606	1.24
344	650	282	172	71	525	1.9	473	1.11
316	3,500	230	123	261	614	2.0	471	1.30
398	2,475	337	224	156	717	2.3	419	1.71
281	775	79	130	68	277	1.6	392	0.71
200	200	27	106	80	213	1.6	348	0.61
188	750	31	101	104	236	2.0	251	0.94
376	2,000	176	86	84	346	2.0	226	1.53
<u>Combinations, 49 tractors in 16 accounts:</u>								
377	954	196	189	120	505	1.0	857	0.59
170	1,255	302	100	135	537	0.8	745	0.72
171	969	183	148	110	441	1.0	739	0.60
380	772	224	150	101	475	1.2	712	0.67
267	2,137	213	205	170	588	2.0	649	0.91
382	1,666	253	109	109	471	1.0	620	0.76
375	1,025	301	127	84	512	1.3	558	0.92
309	1,434	244	159	94	497	1.6	510	0.97
174	862	207	148	88	443	1.6	473	0.94
165	1,172	165	114	129	408	1.3	468	0.87
331	1,360	296	149	139	584	1.7	444	1.31
345	1,038	276	60	83	419	1.3	378	1.11
393	888	90	88	62	240	1.3	368	0.65
400	962	229	46	113	388	1.0	334	1.16
185	1,301	188	54	174	416	1.0	302	1.38
145	350	174	64	41	279	1.3	272	1.02
<u>Averages for 1952, weighted by number of tractors:</u>								
One-plow	877	128	66	89	283	0.8	434	0.65
Two-plow	883	197	131	106	434	1.3	526	0.82
Three-plow	1,768	311	185	152	648	1.8	562	1.15
<u>Annual averages, all tractors, weighted by number of tractors:</u>								
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
1948	807	145	158	89	392	1.5	585	0.67

Factors from 63 TRUCK Accounts, 1952
(Arranged by cost per truck)

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	Other						
		All cost	Total cost								
<u>Large trucks, 28 trucks in 28 accounts:</u>											
149	1,500	1,018	359	292	1,669	9,158	6	18.2			
380	850	843	133	226	1,202	5,385	9	22.3			
221	2,070	518	318	274	1,110	9,881	7	11.2			
200	672	597	73	323	993	3,151	10	31.5			
315	2,650	380	193	327	900	--*	--	--			
339	1,100	352	149	374	875	--*	--	--			
403	977	493	78	256	827	2,459	8	33.6			
377	2,388	427	86	264	777	3,155	8	24.6			
267	1,300	248	109	286	643	4,620	10	13.9			
221	540	288	134	215	637	3,156	5	20.2			
376	2,100	202	118	292	612	3,760	6	16.3			
384	1,200	311	77	213	601	2,887	9	20.8			
331	1,520	62	111	381	554	5,817	12	9.5			
385	1,009	204	111	223	538	4,000	8	13.4			
188	1,000	248	72	210	530	2,400	8	22.1			
324	475	117	104	252	473	2,550	6	18.5			
171	1,050	134	98	195	427	4,100	9	10.4			
316	550	124	66	208	398	2,858	9	13.9			
315	225	183	53	124	360	--*	--	--			
383	-	57	77	185	319	5,440	-	--			
316	950	115	32	82	229	383	3	59.8			
375	188	125	29	53	207	--*	--	--			
139	300	84	43	77	204	2,151	11	9.5			
385	270	86	49	35	170	--*	--	--			
344	262	61	28	39	128	715	5	17.9			
188	200	7	24	65	96	454	4	21.1			
324	50	16	11	22	49	--*	--	--			
145	30	-	1	19	20	43	8	46.5			
<u>Small trucks, 31 trucks in 31 accounts:</u>											
316	1,100	317	342	322	981	11,174	7	8.8			
399	725	603	131	199	933	5,286	9	17.7			
403	450	430	293	114	837	14,764	12	5.7			
398	1,025	519	118	171	808	--*	--	--			
400	625	338	155	216	709	5,714	7	12.4			
396	1,205	339	188	174	701	6,860	9	10.2			
344	1,100	280	191	214	685	9,000	11	7.6			
267	1,508	229	201	253	683	11,250	13	6.1			
316	1,200	241	151	290	682	7,167	10	9.5			
376	650	295	167	194	656	10,380	12	6.3			
221	1,080	257	146	191	594	7,518	12	7.9			
165	300	253	95	177	525	3,492	9	15.0			
345	825	219	58	237	514	4,947	10	10.4			

Factors from 63 TRUCK Accounts, 1952

- 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):								
185	1,062	136	94	272	502	--*	-	--
391	133	281	94	108	483	4,915	12	9.8
145	375	204	139	123	466	6,133	10	7.6
382	900	221	87	145	453	4,090	11	11.1
315	518	210	103	123	436	--*	-	--
135	782	157	150	126	433	--*	-	--
393	750	147	88	175	410	4,250	11	9.6
384	950	136	48	175	359	2,188	11	16.4
375	850	107	58	181	346	--*	-	--
281	225	133	88	122	343	3,564	9	9.6
371	275	112	18	197	327	--*	-	--
200	575	67	65	168	300	3,900	13	7.7
405	113	181	27	24	232	--*	-	--
338	603	88	18	118	224	869	12	25.8
392	300	20	72	101	193	4,056	14	4.8
383	-	16	77	94	187	2,970	8	6.3
339	40	12	44	120	176	--*	-	--
376	70	79	32	46	157	1,858	11	8.4
Combinations, 14 trucks in 4 accounts:								
174	768	422	101	199	722	3,626	8	19.9
170	766	248	171	155	574	--*	-	--
130	175	171	96	213	480	--*	-	--
401	1,700	70	34	107	211	1,181	7	17.9
Averages for 1952, weighted by number of trucks:								
Large trucks	908	260	98	197	555	3,569	8**	16.5**
Small trucks	655	214	114	167	495	5,928	10***	8.9***
Annual averages, all trucks, weighted by number of trucks:								
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
1948	593	140	92	125	357	4,273	8	8.9

* Mileage unknown.

** Based on 22 large trucks with known mileage.

*** Based on 23 small trucks with known mileage.

**** Based on 53 trucks with known mileage.

Factors from 5 HORSE Accounts, 1952
(Arranged by hours worked per horse)

Farm number			Average per horse				Cost of feed and bedding \$	Cost per hour ¢	
	Horses per farm	Horse work	Value	Grain pounds	Hay tons				
	horses	hours	\$						
398	2.0	1,055	38	-	3.0	38	0.11		
139	2.0	683	112	250	2.0	74	0.23		
281	2.0	584	144	1,000	3.0	132	0.43		
149	6.0	323	82	539	5.3	124	0.51		
393	1.6	167	117	-	2.5	77	1.07		
<u>Annual averages, all farms, weighted by number of horses:</u>									
1952	2.7	504	93	421	3.8	100	34		
1951	2.4	424	83	528	2.7	78	34		
1950	2.4	525	84	434	3.1	93	35		
1949	2.3	469	94	348	3.3	89	39		
1948	2.8	386	110	623	3.1	90	49		

Factors from 27 HEIFER Accounts, 1952
(Arranged by number of heifers)

Farm number	Number of heifers*	Average age end of year**	Heifer equivalent raised***	Average per heifer			
				months	number	Cost****	Value \$
398	74	16	18.3		373		255
380	64	17	19.5		249		246
344	60	16	19.5		487		550
399	59	15	16.3		380		292
316	55	18	17.7		391		231
188	51	14	13.7		338		298
391	51	15	15.6		292		315
382	48	14	12.5		330		300
375	47	18	16.1		271		240
331	45	15	13.3		389		258
393	44	16	12.4		373		301
309	43	15	10.8		224		300
377	39	16	10.3		509		392
281	36	21	11.1		367		445
392	34	16	8.7		317		362
139	33	15	9.8		391		318
130	31	16	8.8		321		300
354	30	17	8.1		276		200
145	29	18	8.1		237		186
324	28	13	7.7		304		200
405	28	19	9.1		428		222
165	23	15	7.3		238		242
396	21	15	5.9		341		393
400	19	16	6.4		276		385
142	18	17	4.9		304		307
200	17	19	5.0		230		207
338	8	19	2.5		504		225

Averages for 1952, by thirds according to number of heifers, weighted by farms:

High	57	16	16.6	346	303
Medium	37	16	10.4	352	320
Low	21	17	6.3	318	263

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

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	336	224
1948	30	18	8.4	320	198

* 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 28 DAIRY COW Accounts, 1952
 (Arranged by number of cows)

Farm number	Size of herd cows	Value per cow \$	Feed per cow			Cost of feed and bedding per cow \$	Depreciation per cow \$	Average per 100 pounds of milk	
			Grain pounds	Hay tons	Silage tons			Cost \$	Value \$
188	68.2	326	2,576	1.2	8.4	205	1	3.89	4.46
398	61.2	310	4,262	1.4	4.7	251	38	4.66	4.55
375	47.8	221	4,157	2.1	4.4	250	9	3.90	4.95
399	44.5	432	4,401	1.4	5.9	348	37	5.13	5.41
344	40.2	311	2,872	2.2	4.8	255	25	3.58	4.41
281	39.0	293	5,094	1.9	5.8	356	58	4.80	4.89
382	38.7	165	3,136	3.8	6.1	241	26	3.50	4.86
377	34.5	363	6,647	2.5	6.9	346	22*	3.79	4.66
316	33.9	225	3,658	1.1	6.2	301	11*	5.40	5.22
331	33.2	339	3,365	2.0	7.7	264	93	4.86	4.49
391	32.5	296	3,036	3.2	1.8	246	38	5.05	4.84
405	32.3	313	2,284	2.2	3.1	209	9	5.69	6.35
309	32.0	366	2,550	2.5	3.6	192	46	3.92	4.76
149	31.2	297	3,286	2.0	7.4	232	22	5.49	5.09
380	31.0	290	3,009	2.3	4.1	206	15	3.33	4.80
393	29.3	316	4,044	2.1	4.3	254	56	3.37	4.31
130	26.4	266	3,593	1.8	11.8	279	8	4.78	4.83
324	26.0	274	4,581	1.1	7.8	316	44	4.27	4.38
165	25.9	218	2,852	2.2	2.9	233	7*	4.79	4.73
400	24.8	322	3,455	2.9	2.2	297	136	5.69	4.84
392	22.5	337	3,320	2.7	1.3	211	82	4.00	4.45
354	20.7	202	2,251	3.0	1.2	220	25	4.43	4.81
145	19.8	195	1,407	1.3	3.1	138	22	4.93	6.20
200	19.2	206	1,434	3.0	4.4	191	5	3.67	4.87
139	18.4	418	5,985	3.3	6.0	399	68*	4.89	4.94
171	13.1	241	2,591	3.3	4.7	237	13	6.47	5.34
396	12.6	436	3,025	3.8	3.8	235	30	5.00	4.81
338	8.8	211	4,176	4.2	-	295	12*	4.46	4.74

Averages for 1952, by thirds according to number of cows, weighted by farms:									
High	45.3	294	4,089	2.0	5.9	284	18	4.29	4.82
Medium	30.0	298	3,260	2.1	5.4	243	32	4.56	4.86
Low	17.8	285	3,072	3.1	3.0	247	26	4.84	5.00

Annual averages, all farms, weighted by number of cows:									
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	3,339	2.3	4.8	233	3	3.82	4.29
1948	26.0	183	3,164	2.4	5.0	229	8*	3.83	5.22

* Indicates depreciation per cow

Factors from 28 DAIRY COW Accounts, 1952
(Read across both pages)

Milk per cow	Milk test	Average per cow			Labor returns		Labor per cow	Profit on enter- prise	Farm number	
		cwt.	%	Cost	Returns	Per cow	Per hour			
							\$			
94	3.5	407	460		53	191	1.58	121	3,607	188
104	3.6	520	508		-12	110	0.84	131	-734	398
107	3.7	444	557		113	225	2.11	107	5,393	375
111	3.5	631	662		31	150	1.42	106	1,385	399
115	3.6	484	580		96	200	1.86	108	3,847	344
124	3.6	658	669		11	114	0.93	123	410	281
100	3.7	388	524		136	199	2.85	70	5,266	382
128	3.8	596	708		112	235	1.81	130	3,865	377
71	5.1	441	428		-13	65	1.03	63	-452	316
104	3.7	549	510		-39	57	0.63	91	-1,293	331
102	3.4	556	534		-22	100	1.04	97	-704	391
75	4.8	452	502		50	171	1.51	113	1,615	405
100	3.4	421	505		84	168	1.63	103	2,681	309
83	3.8	481	448		-33	63	0.57	110	-1,036	149
113	3.5	412	579		167	235	2.07	114	5,177	380
135	3.6	538	665		127	258	1.98	130	3,733	393
92	3.6	489	493		4	105	1.22	86	111	130
122	3.4	562	576		14	122	1.33	92	353	324
89	3.6	464	459		-5	118	1.11	106	-141	165
113	3.5	673	578		-95	8	0.08	111	-2,366	400
109	3.6	475	524		49	140	1.67	84	1,103	392
83	3.4	402	434		32	101	1.04	97	653	354
64	4.6	341	423		82	178	2.12	84	1,619	145
95	3.4	389	503		114	216	1.97	110	2,183	200
95	3.5	597	603		6	99	0.78	127	103	139
59	4.2	408	342		-66	4	0.05	82	-870	171
111	3.5	604	582		-22	184	1.78	104	-271	396
97	3.7	536	563		27	174	1.09	160	237	338

Averages for 1952, by thirds according to number of cows, weighted by farms:

106	3.8	507	566	59	165	1.60	107	2,510	High
102	3.7	492	527	35	140	1.31	104	1,050	Medium
92	3.7	492	506	14	123	1.18	107	266	Low

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

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	1.21	115	1,259	1949
90	3.7	390	514	124	214	1.83	117	3,252	1948

Factors from 19 HEN Accounts, 1952
(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		Depre- ciation \$				
					all feed \$						
375	9,183	194	51	63	4.72	1.93		8.38	7.66		
345	4,322	191	45	65	4.99	1.05		8.47	8.45		
310	3,637	217	30	78	4.19	1.67		9.40	9.32		
354	2,374	198	39	77	5.26	1.23		8.44	8.81		
385	2,179	176	45	50	3.58	1.14		6.21	7.29		
371	1,760	186	55	82	5.59	1.50		8.90	7.60		
171	1,191	173	45	68	4.72	0.91		7.00	7.10		
396	1,032	194	40	62	3.85	1.62		8.07	9.37		
338	1,027	221	53	51	4.43	1.51		7.22	8.67		
324	1,024	207	55	55	4.46	0.76		7.82	8.90		
221	928	162	42	69	5.05	0.60		7.68	6.13		
382	861	176	42	81	5.31	0.68		8.52	6.73		
145	836	154	47	66	5.09	0.79		7.72	6.04		
174	698	145	21	51	3.29	1.74		7.80	6.49		
130	456	144	29	78	4.49	1.85		8.67	6.15		
149	437	190	31	66	3.67	0.97		8.12	6.68		
165	417	155	51	52	4.54	1.68		8.28	5.83		
139	301	146	52	42	3.92	1.86		9.61	5.86		
309	301	147	45	64	4.45	0.70		6.75	6.29		

<u>Averages for 1952, by thirds according to number of birds, weighted by farms:</u>							
High	3,912	194	144	69	4.32	1.42	8.32
Medium	993	184	46	65	4.70	0.98	7.72
Low	435	154	38	59	4.06	1.46	8.20

<u>Annual averages, all farms, weighted by number of birds:</u>							
1952	1,739	190	45	66	4.71	1.43	8.24
1951	1,415	189	52	62	4.60	1.24	7.88
1950	1,581	190	47	62	4.26	1.04	7.26
1949	1,379	194	48	64	4.25	1.08	7.20
1948	1,090	188	59	54	4.92	0.94	7.91

Factors from 19 HEN Accounts, 1952
(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	\$		\$	
52	47	16	84	0.19	14	-6,645	375
53	52	138	106	1.30	28	-108	345
55	55	149	168	0.89	18	-289	310
53	55	120	116	1.03	11	867	354
43	49	210	128	1.64	23	2,127	385
57	48	-22	97	-0.23	17	-2,318	371
48	49	89	92	0.96	15	120	171
50	58	250	61	4.13	21	1,342	396
39	47	231	93	2.48	14	1,488	338
45	51	279	145	1.92	19	1,100	324
57	45	-13	117	-0.11	33	-1,488	221
58	46	-42	152	-0.28	22	-1,580	382
60	47	-48	104	-0.46	15	-1,401	145
64	53	35	122	0.29	22	-912	174
72	51	-109	121	-0.90	33	-1,147	130
51	42	72	245	0.30	24	-630	149
63	44	-129	104	-1.24	51	-1,021	165
83	50	-196	243	-0.81	71	-1,130	139
55	51	58	128	0.46	25	-139	309

Averages for 1952, by thirds according to number of birds, weighted by farms:						
52	51	102	116	0.80	18	-1,051
51	49	107	109	1.23	20	-60
65	48	-45	160	-0.32	38	-830

Annual averages, all farms, weighted by number of birds:						
52	50	82	113	0.73	20	-619
50	54	191	120	1.59	23	986
46	47	133	122	1.09	22	265
45	53	235	126	1.87	23	1,705
51	59	247	141	1.75	18	1,395

Factors from 20 CHICK Accounts, 1952
(Arranged by number of chicks started)

Farm number	Number started	Per cent of chicks Raised			Average per 100 chicks started		Value per chick started	Average per mature equivalent	Return per hour of enter-	Profit on enterprise	
		Number sold	Broilers	Died	Feed	Labor					
		number	%	%	%	pounds	hours	\$	\$	\$	\$
<u>Day-old sexed pullet chicks:</u>											
375	12,500	87	--	13	2,087	8	37	1.87	2.25	5.43	4,158
310	3,675	82	1	17	2,091	28	46	2.38	2.11	0.16	-818
354	3,400	75	16	9	2,803	19	27	2.12	2.23	1.17	281
221	1,800	94	--	6	2,117	21	35	1.95	2.00	1.41	77
396	1,450	78	1	21	2,255	14	41	2.25	2.04	0.70	-235
371	1,200	72	--	28	2,635	28	42	2.81	2.00	-1.03	-700
171	1,000	84	1	15	3,538	25	42	2.89	2.00	-2.12	-748
174	984	79	--	21	2,358	37	40	2.94	2.00	-0.64	-735
338	936	86	6	8	2,169	37	38	2.25	2.50	1.49	199
130	780	64	--	36	1,685	26	39	2.42	2.00	0.05	-210
145	300	90	--	10	2,537	27	34	2.26	2.25	1.10	-4
309	200	38	31	31	2,540	41	23	3.27	1.75	0.56	-114
<u>Miscellaneous and straight-run chicks:</u>											
345	7,340	42	48	10	1,884	15	23	1.67	2.25	2.93	1,798
382	3,000	82	14	4	1,938	12	28	1.76	2.03	2.41	561
149	2,000	78	2	20	1,935	24	26	1.88	1.97	1.20	157
385	1,750	84	1	15	2,603	56	52	2.76	2.47	0.45	-422
371	1,300	85	12	3	4,011	31	29	2.36	2.00	0.13	-394
324	910	96	1	3	2,435	25	50	2.24	2.00	0.27	-211
371	650	98	--	2	4,204	17	100	2.76	2.25	-1.74	-324
165	425	97	--	3	1,882	10	100	2.13	2.25	2.37	49
<u>Annual averages, all farms, weighted by number of chicks started:</u>											
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	0.27	-297
1948	1,957	69	16	15	2,350	25	36	2.33	2.07	0.10	-349

Factors from 6 POTATO Accounts, 1952
(Arranged by acres of potatoes)

Farm number	Potatoes grown	Yield	Cost per acre		Average	Labor	Return	Profit
		per acre	Fertilizer	Growing	per bushel Cost	Value	per acre hours	per hour of labor
	acres	bu.	\$	\$	\$	\$	\$	\$
267	53.0	265	42	224	1.48	2.14	86	3.58
316	44.2	375	96	327	1.46	2.02	126	3.03
165	42.2	363	46	219	0.91	2.07	87	5.96
221	40.8	275	51	211	1.01	0.32	57	-2.07
344	16.0	248	65	237	1.66	2.27	100	2.48
385	6.7	231	40	211	1.30	2.24	97	3.12
<u>Annual averages, all farms, weighted by number of acres:</u>								
1952	33.8	309	58	243	1.26	1.78	91	3.06
1951	26.5	397	46	177	0.87	1.74	104	4.49
1950	24.6	417	43	169	0.79	0.72	112	0.82
1949	33.2	325	46	181	0.97	1.16	94	1.75
1948	29.5	326	39	174	0.92	1.42	93	2.78

Factors from 8 CABBAGE Accounts, 1952
(Arranged by acres of cabbage)

Farm number	Cabbage grown	Yield	Average		Average	Labor	Profit
		per acre	per acre	Cost Returns	Net cost	per ton Value	returns on enterprise
	acres	tons	\$	\$	\$	\$	\$
170	27.7	11.4	289	392	25.29	34.31	97
315	17.0	7.6	241	246	31.81	32.39	121
221	15.0	15.5	255	456	16.29	29.28	110
149	10.2	5.5	192	42	34.76	7.36	64
380	7.0	22.8	223	683	9.80	29.99	93
385	7.0	8.1	203	195	23.66	22.67	138
376	3.5	16.2	313	570	19.35	35.23	135
376	1.5	4.0	315	181	78.84	45.17	145
<u>Annual averages, all farms, weighted by number of acres:</u>							
1952	11.1	11.4	252	345	22.03	30.21	105
1951	15.4	9.7	261	404	26.91	41.62	104
1950	17.7	6.0	141	87	23.41	14.34	68
1949	14.1	9.3	207	207	22.27	22.21	80
1948	12.5	11.4	197	190	17.21	16.63	81

Factors from 5 DRY BEANS Accounts, 1952
(Arranged by acres of beans)

Farm number	Beans grown	Yield per acre		Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enterprise \$
		acres	bushels	Cost	Returns	Net cost	Value		Per acre \$	Per hour \$	
316	38.4	24	93	120	3.93	5.09	25	58	2.34	1,054	
391	22.6	17	91	153	4.92	8.48	15	82	5.39	1,405	
395	13.2	26	75	136	2.68	5.08	14	74	5.20	805	
135	10.0	16	81	67	5.14	4.27	18	6	0.36	-136	
377	10.0	22	114	115	4.90	4.95	34	33	0.97	10	
<u>Annual averages, all farms, weighted by acres of beans:</u>											
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	
1948	18.5	18	77	85	4.06	4.47	20	24	1.18	141	

Factors from 5 CANNING FACTORY PEA Accounts, 1952
(Arranged by acres of peas)

Farm number	Peas grown	Yield per acre		Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enterprise \$
		acres	pounds	Cost	Returns	Net cost	Value		Per acre \$	Per hour \$	
221	19.5	2,144	100	106	93.06	99.09	14	23	1.68	126	
380	12.0	859	74	41	173.59	94.95	15	-25	-1.63	-405	
315	9.4	1,376	100	87	144.98	126.28	19	11	0.54	-121	
396	7.4	2,813	126	133	89.43	94.62	15	37	2.47	54	
377	5.0	2,677	101	158	75.49	118.39	19	75	3.97	287	
<u>Annual averages, all farms, weighted by acres of peas:</u>											
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	
1948	11.1	2,082	81	87	77.69	83.12	15	21	1.39	63	

Factors from 11 CANNING FACTORY TOMATO Accounts, 1952
(Arranged by acres of tomatoes)

Farm number	Tomatoes grown	Yield per acre	Average per acre			Average per ton		Labor per acre hours	Labor returns		Profit on enterprise
			Cost	Returns	Net cost	Value	Per acre		Per hour		
	acres	tons	\$	\$	\$	\$	\$	\$	\$	\$	\$
170	36.7	10.8	330	360	30.57	33.26	123	184	1.49	1,069	
315	31.5	17.5	439	606	25.17	34.74	192	415	2.16	5,261	
200	24.0	10.9	248	365	22.80	33.49	98	208	2.12	2,795	
221	20.5	11.0	351	324	32.04	29.51	113	124	1.10	-569	
149	14.9	9.2	253	269	27.37	29.13	93	109	1.17	242	
384	14.8	17.6	322	388	18.32	22.06	140	205	1.47	972	
376	12.5	13.2	347	423	26.19	31.93	134	258	1.93	950	
385	10.0	7.2	281	221	38.78	30.53	153	75	0.49	-598	
376	7.0	11.6	364	356	31.43	30.76	115	148	1.29	-54	
403	6.5	7.0	279	340	39.83	48.59	84	177	2.10	399	
171	4.0	16.4	301	522	18.10	31.90	184	405	2.20	883	
<u>Annual averages, all farms, weighted by acres of tomatoes:</u>											
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	
1948	23.6	8.0	223	245	27.73	30.47	108	130	1.20	517	

Factors from 15 APPLE Accounts, 1952
(Arranged by acres of apples)

Farm number	Orchard bearing age	acres	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		Return per hour of labor	Profit on enterprise
			bu.	hrs.	\$	\$	Cost per bu.,	Returns per bu.	\$	\$
170	123.1	263	27	37	126	0.79	1.52	3.85	23,435	
339	104.0	286	55	71	250	1.45	1.89	2.29	13,083	
185	71.1	296	32	52	211	1.18	1.31	1.92	2,681	
315	65.3	334	37	45	150	0.71	1.54	4.40	18,193	
376	47.0	187	20	28	90	0.70	1.71	5.00	8,902	
383	37.6	258	56	38	196	1.10	1.84	2.37	7,220	
401	37.0	246	41	56	179	1.09	2.16	2.97	9,702	
200	31.7	40	16	17	65	2.05	1.62	0.30	-542	
171	23.2	93	21	14	58	0.97	1.71	2.48	1,583	
391	17.6	270	41	39	129	0.75	0.82	1.46	349	
345	17.3	126	20	40	89	1.29	1.27	1.28	-53	
376	17.1	332	16	59	140	0.92	1.86	4.05	5,345	
403	14.0	57	23	17	84	2.56	1.56	0.22	-801	
149	11.1	122	33	23	103	0.87	1.51	2.85	872	
400	10.0	349	12	105	184	0.90	1.67	3.21	2,685	
Averages for 1952, by thirds according to acres, weighted by farms:										
High	82.1	273	34	47	165	0.97	1.59	3.49	13,259	
Medium	29.4	181	35	33	125	1.19	1.63	1.92	3,662	
Low	13.9	197	21	49	120	1.31	1.57	2.32	1,610	
Annual averages, all farms, weighted by number of acres:										
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	
1948	48.7	213	46	37	155	1.05	1.35	1.60	3,141	

Factors from 11 PEACH Accounts, 1952
(Arranged by acres of peaches)

Farm number	Orchard bearing age	Average per acre			Cost of spray and dust materials	Cost to grow	Net to grower per bu.	Returns per bu.	Return per hour of labor	Profit on enterprise
		Yield packable fruit	Labor to grow							
		acres	bu.	hours						
383	13.4	191	58	15	168	1.68	1.78	1.31	252	
170	12.5	187	60	23	166	1.75	2.19	1.82	1,024	
200	7.2	70	47	14	98	2.17	0.79	-0.07	-700	
384	5.7	103	18	22	258	3.34	2.46	-0.14	-515	
376	5.5	101	25	11	78	1.21	1.35	1.62	76	
315	4.0	135	44	31	140	1.60	1.55	1.15	-25	
403	3.3	108	18	10	62	1.23	2.29	3.53	378	
171	3.1	137	80	11	117	1.07	1.15	0.96	35	
149	3.0	111	23	21	84	0.84	1.45	3.42	204	
376	3.0	179	49	10	119	1.10	1.49	2.06	212	
345	1.2	61	48	9	138	3.04	2.37	0.84	-49	
<u>Annual averages, all farms, weighted by acres of peaches:</u>										
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	
1948	7.2	146	67	13	134	1.58	2.06	1.39	510	

Factors from 3 PEAR Accounts, 1952
(Arranged by acres of pears)

Farm number	Orchard bearing age	Average per acre			Cost of spray and dust materials	Cost to grow	Net to grower per bu.	Returns per bu.	Return per hour of labor	Profit on enterprise
		Yield packable fruit	Labor to grow							
		acres	bu.	hours						
170	10.9	165	22	17	88	1.00	1.57	3.16	1,030	
383	5.0	82	47	12	103	2.08	2.06	1.15	-9	
345	1.8	20	26	4	63	4.56	1.67	0.06	-104	
<u>Annual averages, all farms, weighted by acres of pears:</u>										
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	
1948	6.2	32	22	14	77	3.33	2.86	0.57	-95	

Factors from 12 CHERRY Accounts, 1952 /
(Arranged by acres of cherries)

Farm number	Orchard bearing age	Average per acre			Net to grower		Return per hour of labor	Profit on enterprise
		Yield per acre	Labor to grow	Cost of spray and dust materials	Cost to grow	Cost per pound		
				\$	\$	\$		
acres	pounds	hours						
170*	18.0	3,025	10	11	62	5.3	7.9	1.99 1,414
315*	16.9	2,284	4	17	61	6.3	7.5	1.17 479
376*	14.0	3,571	4	20	57	6.3	6.0	1.26 -169
376*	13.0	3,127	24	32	96	7.1	6.0	1.06 -438
383***	11.3	4,571	15	23	93	6.9	7.9	1.46 535
315**	7.9	6,205	4	20	74	5.0	7.7	1.51 1,321
384***	7.0	8,759	19	10	233	6.1	8.9	1.86 1,718
170**	4.0	5,311	10	20	74	7.5	13.3	2.29 1,234
403**	4.0	661	8	6	36	10.1	9.5	1.23 -15
171*	1.9	3,466	30	8	57	4.3	5.0	1.05 47
403*	0.9	2,673	4	17	57	10.2	10.5	1.43 7
171**	0.8	7,682	18	14	59	4.1	6.2	1.44 129
Annual averages, all farms, weighted by acres of cherries:								
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
1948	11.3	3,524	19	11	72	5.5	10.5	2.25 2,005

/ 12 accounts on 7 farms

* Sour cherries

** Sweet cherries

*** Sweet and sour cherries

Factors from 5 GRAPE Accounts, 1952
(Arranged by acres of grapes)

Farm number	Vineyard	Average per acre			Net to grower		Return per hour of labor	Profit on enterprise
		Yield per acre	Labor to grow	Cost to grow	Cost per ton	Returns per ton		
				\$	\$	\$		
acres		tons	hours					
403	42.6	3.5	40	152	69.39	92.27	2.21	3,364
384	21.0	4.0	66	195	80.34	82.16	1.04	154
376	8.0	1.8	102	194	146.39	91.59	0.69	-788
401	1.8	5.3	117	243	64.84	71.68	1.34	65
383	1.7	1.7	55	125	108.74	110.14	1.22	4
Annual averages, all farms, weighted by acres of grapes:								
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 28 PASTURE Accounts, 1952
(Arranged by cow equivalents pastured)

Farm number	Total acres pasture	Cow equivalents pastured	Amount per acre for regular pasture*				Cost per cow equivalent			
			Hours labor		Pounds fertilizer	Total cost	After-math	Annual crop	Hired pasture	Net cost of regular pasture
	acres	number	hours	pounds	\$	\$	\$	\$	\$	\$
188	156.5	86	0.5	12	8	9	3	-	15	27
398	145.0	85	-	--	5	3	-	1	9	13
375	200.6	66	0.1	--	3	6	-	-	9	15
382	77.6	66	1.8	110	10	-	-	2	12	14
399	71.0	63	1.2	88	21	7	7	3	23	40
344	109.5	62	0.8	44	8	8	-	-	14	22
331	110.9	57	0.4	--	8	1	13	-	15	29
316	73.3	55	0.6	572	38	-	3	-	50	53
380	39.4	55	0.9	--	13	2	-	-	10	12
281	31.1	53	2.6	214	29	1	8	3	15	27
391	64.5	50	1.1	66	21	7	-	-	26	33
377	68.0	46	1.6	51	15	9	-	-	23	32
393	88.0	45	0.5	35	6	5	4	-	12	21
309	35.4	44	1.4	--	14	1	2	1	10	14
405	44.0	42	0.4	--	20	6	-	-	21	27
324	39.9	39	0.8	--	20	-	-	-	20	20
354	38.3	39	0.6	--	14	7	1	-	13	21
149	32.0	37	0.8	20	13	-	11	-	11	22
130	41.9	36	0.6	--	19	-	2	-	22	24
165	42.9	35	2.7	--	20	2	1	2	24	29
139	26.5	32	--	--	8	10	-	1	6	17
392	194.0	32	--	--	2	-	-	-	9	9
400	89.3	32	0.3	--	5	3	8	-	15	26
145	21.6	30	0.6	--	20	-	-	-	11	11
200	26.1	27	2.9	--	22	-	9	-	14	23
171	15.7	23	--	51	22	6	-	-	15	21
396	--	20	--	--	-	-	-	10	--	10
338	14.2	12	2.4	70	24	-	-	-	28	28

Averages for 1952, by thirds according to cow equivalents pastured, weighted by farms:										
High	109.3	66	0.7	92	13	4	3	1	17	25
Medium	48.3	43	1.0	39	17	4	3	**	17	24
Low	47.8	27	1.0	13	14	2	2	1	14	19

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

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.

** Less than \$1.00

Factors from 38 HAY Accounts, 1952
(Arranged by acres of hay)

Farm number	Hay per farm	Yield per acre	Average per ton				Labor per acre hours	Labor returns		Profit on enterprise \$	
			Average per acre		Net cost	Value		Per acre	Per hour		
			Cost	Returns				\$	\$		
acres	tons		\$	\$	\$	\$				\$	
375	132.5	1.3	26	28	18	20	3	6	1.88	333	
392	130.5	0.9	18	18	20	20	3	3	1.03	-20	
382	86.8	3.2	33	69	10	21	6	41	6.64	3,084	
391	67.7	2.0	40	60	18	28	4	25	5.66	1,341	
221	66.0	2.0	41	41	20	20	6	8	1.23	9	
405	65.0	1.7	37	45	20	25	5	13	2.48	498	
331	62.0	1.8	47	37	26	21	6	-4	-0.59	-606	
188	59.2	2.3	49	55	17	20	6	14	2.22	404	
398	58.8	1.9	56	42	28	21	5	-9	-1.94	-808	
281	57.0	2.5	47	61	18	24	8	20	2.61	779	
377	56.1	2.1	58	50	24	20	8	-1	-0.15	-479	
139	54.8	2.3	39	75	14	30	7	41	5.83	1,981	
149	49.7	1.4	30	26	21	18	4	-1	-0.18	-227	
393	49.0	1.6	36	32	23	20	4	--*	-0.12	-208	
309	48.4	2.3	35	46	15	20	6	16	2.60	537	
145	42.3	1.4	37	35	27	25	2	--*	0.06	-109	
316	41.1	2.0	56	40	28	20	5	-9	-1.69	-640	
165	40.7	1.6	42	36	25	21	7	2	0.24	-266	
385	39.6	3.1	58	63	18	20	12	15	1.32	203	
344	39.5	3.8	80	135	19	34	9	63	7.41	2,176	
380	39.2	1.6	40	32	24	19	6	-5	-0.86	-317	
399	38.0	2.0	68	80	29	35	5	18	3.24	439	
315	35.3	2.2	54	38	24	17	8	-6	-0.76	-564	
170	32.8	1.7	47	36	28	21	6	-4	-0.69	-369	
395	32.6	1.9	56	42	28	20	6	-9	-1.65	-476	
354	28.8	2.5	55	58	19	20	7	7	1.13	78	
396	27.6	2.6	45	47	17	18	7	16	2.20	44	
400	25.6	1.4	65	31	43	20	3	-31	-8.98	-862	
345	22.8	2.3	70	70	30	30	7	9	1.27	-9	
174	22.5	1.0	55	20	56	20	3	-31	-10.09	-801	
324	22.0	1.3	41	33	31	25	4	-3	-0.94	-169	
171	18.9	1.1	48	29	37	20	5	-14	-2.71	-350	
200	18.7	3.2	67	64	21	20	13	9	0.70	-57	
135	18.2	2.0	35	29	17	14	7	2	0.31	-106	
383	15.5	3.6	67	51	19	14	13	-1	-0.08	-246	
358	15.0	1.8	59	54	33	30	5	--*	-0.07	-81	
403	12.1	2.2	70	44	32	20	9	-15	-1.77	-323	
376	6.0	1.7	57	40	34	24	10	-5	-0.49	-106	

Averages for 1952, by thirds according to acres of hay, weighted by farms:

High	72.8	2.0	40	47	20	22	5	12	2.06	484
Medium	39.9	2.1	50	51	24	23	6	7	0.76	34
Low	19.5	2.1	56	44	30	21	7	-4	-1.50	-230

- continued -

Factors from 38 HAY Accounts, 1952
- continued-

Farm number	Hay per farm	Yield per acre	Average per acre		Average per ton		Labor per acre	Labor returns		Profit on enterprise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
	acres	tons	\$	\$	\$	\$	hours	\$	\$	\$
<u>Annual averages, all farms, weighted by acres of hay:</u>										
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	41.6	1.7	37	43	20	24	6	11	1.88	252
1948	37.5	2.1	39	41	17	18	7	8	1.07	72

* Less than \$1.00

Factors from 16 GRASS SILAGE Accounts, 1952
(Arranged by acres of silage)

Farm number	Silage per farm	Yield per acre	Labor		Cost per acre			Cost per ton to harvest	Net cost per ton
			Per ton	Per acre to harvest	To grow	To harvest	Total		
	acres	tons	hours	hours	\$	\$	\$	\$	\$
188	41.7	5	1.5	8	20	22	49	4.39	7.59
331	39.8	6	1.4	9	14	24	41	3.81	5.12
130	39.7	6	1.0	6	13	23	44	3.64	6.46
324	28.7	4	1.7	8	22	25	51	5.52	10.62
393	26.0	6	1.0	6	14	16	32	2.87	3.94
398	21.0	6	1.5	10	40	29	78	4.44	11.18
344	14.0	3	3.6	10	21	30	61	10.92	21.08
309	12.4	4	1.1	5	13	17	30	3.85	6.43
400	12.0	5	2.0	10	23	44	76	8.73	14.25
399	10.0	8	1.0	8	24	36	61	4.84	7.64
405	10.0	6	1.9	12	9	41	55	6.48	7.89
354	8.1	5	3.8	19	36	34	78	6.98	14.32
200	7.0	7	1.7	11	12	23	39	3.38	5.85
392	6.8	9	0.9	8	7	24	32	2.75	3.60
171	5.5	9	0.7	6	12	49	90	5.49	9.27
316	5.0	7	1.3	9	9	33	47	4.69	6.66

Averages for 1952, by thirds according to acres of grass silage, weighted by farms:

High	35.2	5	1.3	7	17	22	43	4.05	6.75
Medium	13.3	5	1.9	9	22	33	60	6.54	11.41
Low	6.5	7	1.7	11	15	33	57	4.66	7.94

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

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
1948	22.1	8	1.5	11	17	23	45	3.06	5.39

Factors from 23 CORN SILAGE Accounts, 1952
(Arranged by acres of silage)

Farm number	Silage per farm	Yield per acre	Labor			Cost per acre	Cost per ton to harvest	Net cost per ton			
			per acre								
			To grow	To harvest	Manure						
	acres	tons	hours	hours	hours	\$	\$	\$			
188	38.7	12	1.1	4	9	24	87	2.09			
375	28.5	12	1.9	4	18*	26	96	3.35			
281	23.4	10	2.0	8	13*	30	108	3.38			
399	22.8	8	2.3	7	11	23	126	5.22			
149	21.0	11	1.0	10	1*	5	74	1.49			
377	20.1	13	1.6	8	11	17	105	1.55			
344	18.5	10	1.4	4	9	2	65	2.30			
398	18.5	11	1.7	5	14	9	85	3.53			
316	18.0	15	1.2	8	9	2	94	2.61			
331	17.5	8	1.7	7	7	20	89	2.69			
391	17.4	9	1.3	6	5*	2	94	2.00			
382	15.1	18	0.7	6	7*	4	78	2.43			
324	13.4	8	2.5	8	11*	17	88	3.96			
130	12.5	6	1.4	5	4	6	67	2.42			
145	12.5	10	1.2	8	4*	24	100	3.07			
380	11.0	9	1.2	7	4*	--	73	1.99			
165	10.8	7	3.2	8	15	6	104	5.34			
309	10.8	8	1.7	4	9	11	58	2.86			
139	8.3	12	2.1	8	17	37	119	3.04			
395	8.1	15	1.2	9	10*	3	100	2.32			
315	5.0	12	0.7	6	2*	--	70	2.32			
396	4.5	13	2.0	6	20	4	98	3.97			
171	3.4	4	3.3	6	8*	3	98	6.87			
<hr/>											

Averages for 1952, by thirds according to acres of silage, weighted by farms:								
High	23.9	11	1.6	6	11	17	93	2.86
Medium	15.2	11	1.4	7	7	11	87	2.74
Low	7.7	10	1.9	7	11	8	90	3.59

Annual averages, all farms, weighted by acres of silage:								
1952	15.6	11	1.5	6	10	14	91	2.78
1951	15.8	10	1.8	7	11	12	86	3.14
1950	15.6	9	2.1	7	11	11	77	3.22
1949	13.8	10	2.1	8	13	14	86	2.81
1948	12.8	10	2.3	10	14	12	80	2.69

* Hired silo filling

Factors from 24 CORN FOR GRAIN Accounts, 1952
(Arranged by acres of corn)

Farm number	Grain per farm	Yield per acre	Average per acre		Average per bushel		Labor per acre	Labor returns		Profit on enterprise
			Cost	Returns	Cost	Value		Per acre	Per hour	
	acres	bushels	\$	\$	\$	\$	hours	\$	\$	\$
221	58.0	40	56	48	1.41	1.21	8	2	0.24	-462
171	55.5	47	54	73	1.15	1.56	12	30	2.44	1,069
382	46.3	77	69	128	0.89	1.65	13	71	5.36	2,721
385	41.8	60	70	84	1.18	1.40	15	27	1.75	557
371	37.0	66	53	97	0.81	1.47	18	63	3.55	1,607
380	25.1	36	74	56	2.02	1.55	9	12	-1.26	-437
130	21.1	45	42	68	0.94	1.50	6	33	5.06	532
149	19.4	25	74	33	3.00	1.32	14	-30	-2.19	-808
395	15.1	78	46	117	0.60	1.51	7	77	10.70	1,064
200	14.2	42	62	61	1.47	1.44	19	16	0.86	-19
344	14.0	87	61	124	0.71	1.43	17	79	4.64	873
316	12.0	55	71	74	1.29	1.35	19	27	1.41	39
345	11.9	50	128	101	2.53	2.00	38	23	0.62	-319
396	11.3	62	73	112	1.17	1.80	11	62	5.40	441
383	9.7	77	95	77	1.23	1.00	15	--*	-0.02	-173
324	7.0	50	92	90	1.85	1.80	13	13	1.00	-16
377	7.0	75	63	131	0.84	1.75	8	76	9.16	476
398	7.0	82	59	144	0.72	1.75	9	93	10.85	595
309	6.0	52	60	73	1.15	1.40	11	22	1.99	79
145	5.0	64	73	144	1.13	2.24	10	83	8.26	356
315	5.0	50	43	70	0.86	1.40	8	37	4.69	135
403	4.1	24	80	54	3.28	2.20	15	-6	-0.37	-108
391	3.0	42	64	63	1.54	1.52	12	14	1.17	-3
399	1.5	43	125	61	2.88	1.40	15	-47	-3.23	-96

Averages for 1952, by thirds according to acres of corn, weighted by farms:

High	38.1	50	62	73	1.42	1.46	12	23	1.87	597
Medium	11.9	63	78	94	1.36	1.54	17	37	3.08	236
Low	4.8	54	71	92	1.55	1.71	11	34	4.06	179

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

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
1948	15.3	40	52	61	1.29	1.51	12	20	1.56	134

*Less than \$1.00

Factors from 30 OATS Accounts, 1952
(Arranged by acres of oats)

Farm number	Grain per farm	Yield per acre	Average per acre		Average per bushel		Labor per acre	Labor returns		Profit on enterprise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			acres	bushels	\$	\$		\$	\$	
377	42.3	49	59	46	1.07	0.80	10	-4	-0.44	-563
344	41.0	52	65	55	1.20	1.00	8	-2	-0.28	-421
149	35.2	32	44	29	1.37	0.90	6	-10	-1.70	-527
130	34.5	49	34	37	0.70	0.75	5	8	1.72	90
382	32.8	50	46	47	0.87	0.89	6	6	1.08	34
316	32.5	57	42	54	0.64	0.86	6	19	3.53	413
371	32.0	23	29	23	1.27	1.00	8	3	0.39	-196
188	31.4	58	63	63	1.00	1.00	9	10	1.13	2
171	28.0	30	39	24	1.29	0.80	6	-9	-1.50	-410
221	24.6	50	58	45	1.11	0.85	5	-7	-1.45	-314
165	23.3	32	50	34	1.42	0.90	8	-8	-0.94	-388
309	19.4	36	51	39	1.34	1.00	8	-6	-0.71	-237
392	18.5	34	56	41	1.41	0.97	10	-4	-0.35	-279
310	18.0	37	50	34	1.26	0.82	8	-8	-1.00	-294
393	17.0	34	68	42	1.75	1.00	11	-14	-1.30	-432
331	16.0	50	60	52	1.16	1.00	12	4	0.31	-127
170	15.6	55	78	90	1.42	1.64	11	26	2.37	188
345	15.0	7	54	8	8.05	1.25	7	-36	-5.28	-680
200	14.9	29	40	21	1.39	0.75	8	-11	-1.46	-272
375	14.5	32	40	41	1.06	1.08	5	6	1.17	8
380	13.2	41	39	33	0.96	0.80	5	-4	-0.83	-86
385	12.6	62	65	50	0.99	0.75	17	--*	0.01	-185
145	11.7	30	42	44	1.21	1.28	6	9	1.51	25
396	10.4	51	61	60	1.01	1.00	9	18	1.92	-6
405	10.0	20	91	24	4.24	0.90	11	-55	-5.12	-668
315	8.7	55	71	41	1.25	0.70	9	-20	-2.34	-263
324	6.0	46	82	53	1.62	1.00	8	-19	-2.31	-170
281	5.0	40	61	49	1.36	1.06	5	-8	-1.60	-61
135	3.5	57	36	61	0.55	1.00	7	34	4.58	90
403	2.5	26	61	25	2.35	0.95	6	-28	-4.73	-91

Averages for 1952, by thirds according to acres of oats, weighted by farms:										
High	33.4	45	48	42	1.05	0.88	7	1	0.25	189
Medium	17.2	35	55	40	2.03	1.04	9	-5	-0.72	251
Low	8.4	43	61	44	1.55	0.94	8	-7	-0.89	142

Annual averages, all farms, weighted by acres of oats:										
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
1948	16.6	41	48	42	1.04	0.90	10	2	0.18	-97

* Less than \$1.00

Factors from 26 WHEAT Accounts, 1952
(Arranged by acres of wheat)

Farm number	Grain per farm	Yield per acre	Average per acre			Average per bushel		Labor per acre	Labor returns		Profit on enterprise
			Cost	Returns	Net cost	Value	hours	Per acre	Per hour	\$	
	acres	bushels	\$	\$	\$	\$		\$	\$	\$	
221	122.9	42	54	103	1.04	2.21	5	55	11.56	6,074	
267	74.4	44	45	90	1.04	2.06	8	57	7.24	3,341	
377	44.3	48	74	109	1.30	2.03	12	46	3.84	1,562	
171	40.8	30	53	63	1.65	1.98	10	19	1.82	403	
395	40.1	29	55	75	1.29	1.95	9	29	3.28	775	
149	39.0	25	57	67	1.78	2.19	7	16	2.27	409	
382	38.8	37	69	83	1.69	2.06	10	23	2.30	536	
315	37.0	34	62	86	1.63	2.34	8	34	4.10	892	
391	36.4	35	67	81	1.65	2.05	7	23	3.15	508	
380	34.2	32	70	87	1.81	2.35	7	22	3.04	590	
170	31.8	32	44	64	1.38	2.01	6	27	4.87	634	
130	30.5	36	48	92	1.15	2.36	6	50	8.33	1,325	
371	30.3	28	44	59	1.52	2.07	11	28	2.45	467	
309	28.9	26	40	67	1.07	2.11	9	35	4.02	791	
200	25.0	28	47	62	1.46	2.00	7	22	2.99	376	
385	24.5	35	66	72	1.84	2.01	17	21	1.22	148	
405	23.0	14	52	39	3.27	2.34	7	-6	-0.83	-300	
399	17.7	17	72	44	3.70	2.00	7	-21	-2.85	-499	
345	17.3	40	82	98	1.59	2.00	13	34	2.62	288	
396	14.7	45	73	100	1.40	2.00	10	46	4.63	397	
316	14.5	40	67	100	1.26	2.10	9	44	4.90	481	
331	14.5	28	69	68	2.09	2.05	16	14	0.86	-15	
174	14.3	30	84	74	2.34	2.03	5	-3	-0.69	-136	
324	13.5	41	87	98	1.73	2.00	11	23	2.23	148	
145	9.3	36	82	105	1.76	2.40	11	35	3.26	215	
310	6.0	40	83	110	1.32	2.00	16	44	2.71	164	

Averages for 1952, by thirds according to acres of wheat, weighted by farms:											
High	52.6	36	60	84	1.45	2.10	8	34	4.40	1,611	
Medium	28.5	29	51	68	1.69	2.16	9	25	3.26	504	
Low	13.5	35	78	89	1.91	2.06	11	24	1.96	116	

Annual averages, all farms, weighted by acres of wheat:											
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	1.33	2.06	10	32	3.30	701	
1949	25.4	32	48	68	1.30	1.94	9	29	3.12	514	
1948	24.9	28	46	62	1.51	2.07	9	24	2.56	383	

Factors from 7 BARLEY Accounts, 1952
(Arranged by acres of barley)

Farm number	Grain per farm	Yield per acre	Average per acre		Average per bushel		Labor	Labor returns		Profit on enterprise
			Cost	Returns	Net cost	Value	per acre	Per acre	Per hour	
	acres	bushels	\$	\$	\$	\$	hours	\$	\$	\$
221	20.0	55	30	67	0.54	1.22	4	42	11.40	749
149	16.0	54	60	85	0.99	1.44	7	30	4.51	388
135	9.0	27	38	43	1.39	1.60	6	12	2.12	52
331	8.0	40	45	69	0.90	1.50	7	31	4.68	193
171	4.0	30	39	34	1.30	1.15	4	-1	-0.24	-18
395	3.3	30	52	38	1.73	1.25	5	-10	-1.88	-48
135	2.0	50	51	75	1.02	1.50	13	38	2.92	48
<u>Annual averages, all farms, weighted by acres of barley:</u>										
1952	10.4	46	43	65	0.88	1.36	6	27	4.97	227
1951	7.4	43	49	52	1.06	1.12	9	12	1.38	20
1950	10.5	35	39	51	1.09	1.41	7	18	2.63	117
1949					Not averaged - - - Only two accounts					
1948	8.7	17	40	22	2.09	1.07	7	-10	-1.33	-152