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Individual Factors and
Annual Averages
— *from* —
FARM COST ACCOUNTS
46 Farms -- 1952

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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.

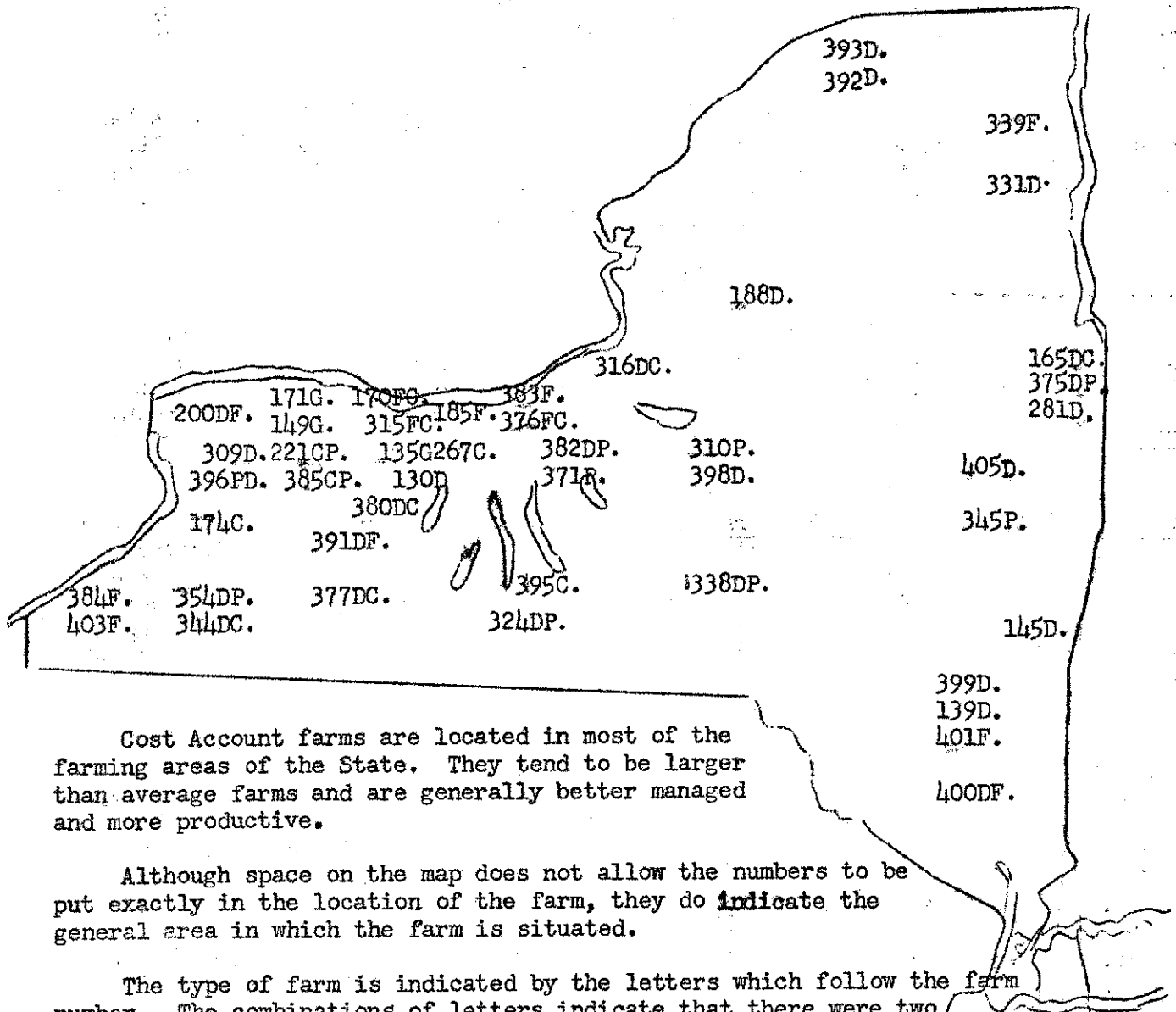
* The indexes for New York farm prices, prices of articles farmers buy and earnings of factory workers are on a pre-World War I base.

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



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 are important enough to warrant classifying the farm by a type of enterprise.

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 live-

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.

stock 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.

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** days	May 1 - Sept. 30		Annual total	
		Temperature degrees	Precip- itation inches	Precip- itation inches	Departure from normal inches
Batavia	154	64.8	14.0	29.3	- 2.2
Ithaca	148	64.4	16.8	34.6	+ 1.4
Canton	145	64.5	18.2	36.3	+ 1.2
Rifton	153	66.2	28.9	58.1	+12.6
Schenectady	182	66.8	17.8	37.2	+ 2.3
New York State		64.3	17.9	38.5	- .7
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
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.

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>Farm enterprises</u>											
<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	0.08	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 cropland	Total acres	Value land and buildings	Cost of cropland per acre	Building cost in per cent of value
	<u>acres</u>	<u>acres</u>	<u>\$</u>	<u>\$</u>	<u>%</u>
130	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
	<u>acres</u>	<u>acres</u>	<u>\$</u>	<u>\$</u>	<u>%</u>
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. of men	Total hours per farm	Hours per man	Farm operator		Average cost per month for regular hired men			Cost per hour		Average cost per hour for all labor	Average cost per man
				Wage per mo. \$	Privi- leges per mo. \$	Wage and privileges \$	Wage and board \$	Wage only \$	for help \$	for labor \$		
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	0.89	1.25	3,510	
376	6.9	15,636	2,266	292	74	216	-	-	0.96	1.36	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	78	204	-	168	0.73	0.88	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	3,425	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	10,288	3,020	250	104	-	185	-	1.14	0.94	2,850	
200	3.2	10,752	3,360	250	80	279	-	-	0.82	0.93	3,114	
391	3.2	8,888	2,778	250	115	-	-	208	1.24	1.26	3,507	
331	3.1	8,830	2,848	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	7,944	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. of men	Total hours per farm	Hours per man	Farm operator		Average cost per month for regular hired men			Cost		Average cost per hour for all labor	Average cost per man
				Wage per mo.	Privi- leges per mo.	Wage and privileges	Wage and board	Wage only	per hour help	per hour		
		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	4,278	2,674	240	41	-	-	-	0.87	1.12	2,994	
396	1.6	3,567	2,229	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	1,966	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	3,564	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	95	215	170	224	0.98	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)

Equipment other than power* equipment						Total	Proportion of			
Cost in Invest-						invest-	farm capital			
per cent						ment for	that is:			
Farm	Invest-	Net	of	ment	Cost	equip.	Power*		Custom work	
number	ment	annual	invest-	per	per	and	Equip.	and	Spent	Rec'd
	\$	\$	%	acre	acre	power	%	%	\$	\$
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	15,698	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	Invest- ment \$	Equipment other than power* equipment				Total invest- ment for equip. and power \$	Proportion of farm capital that is:		Custom work	
		Net annual cost \$	Cost in per cent of invest- ment %	Invest- ment per crop** acre \$	Cost per crop** acre \$		Equip. %	Power* and equip. %	Spent for \$	Rec'd from \$
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)

(Arranged by hours of use)									
Annual cost per tractor						Gallons of fuel per hour per tractor gallons	Hours of use per tractor hours	Average cost per hour of use \$	
Farm number	Average value \$	Depreciation and cash repairs		Fuel \$	All other \$				Total cost \$
		10 tractors	in 10						
accounts:									
One-plow tractors,	10 tractors	in 10	accounts:						
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	
Two-plow tractors, 43 tractors in 43 accounts:									
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 -

Annual cost per tractor								
Farm number	Average value	Depreciation and cash repairs	Fuel	All other	Total cost	Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
	\$	\$	\$	\$	\$	gallons	hours	\$
Two-plow tractors (continued):								
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
Three-plow tractors, 13 tractors in 13 accounts:								
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
Combinations, 49 tractors in 16 accounts:								
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	619	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
Averages for 1952, weighted by number of tractors:								
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
Annual averages, all tractors, weighted by number of tractors:								
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)

(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, 28 trucks in 28 accounts:								
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

Small trucks, 31 trucks in 31 accounts:

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 -

- continued -						Miles	Average
Farm number	Average value	Annual cost per truck			Miles of use per truck	per gallon of gas	cost per mile of use
		Depreciation and cash repairs	Fuel	All other			
	\$	\$	\$	\$	\$	miles	¢
Small trucks (continued):							
185	1,062	136	94	272	502	---	--
391	133	281	94	108	483	4,915	12
145	375	204	139	123	466	6,133	10
382	900	221	87	145	453	4,090	11
315	518	210	103	123	436	---	--
135	782	157	150	126	433	---	--
393	750	147	88	175	410	4,250	11
384	950	136	48	175	359	2,188	11
375	850	107	58	181	346	---	--
281	225	133	88	122	343	3,564	9
371	275	112	18	197	327	---	--
200	575	67	65	168	300	3,900	13
405	113	181	27	24	232	---	--
338	603	88	18	118	224	869	12
322	300	20	72	101	193	4,056	14
383	-	16	77	94	187	2,970	8
339	40	12	44	120	176	---	--
376	70	79	32	46	157	1,858	11
Combinations, 14 trucks in 4 accounts:							
174	768	422	101	199	722	3,626	8
170	766	248	171	155	574	---	--
130	175	171	96	213	480	---	--
401	1,700	70	34	107	211	1,181	7
Averages for 1952, weighted by number of trucks:							
Large trucks	908	260	98	197	555	3,569	8**
Small trucks	655	214	114	167	495	5,928	10***
Annual averages, all trucks, weighted by number of trucks:							
1952	783	243	106	177	526	4,509	9****
1951	774	234	95	164	493	4,224	9
1950	795	231	94	156	481	4,042	8
1949	667	177	96	137	410	3,792	8
1948	593	140	92	125	357	4,273	8

* 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	Horses per farm <u>horses</u>	Horse work <u>hours</u>	Average per horse			Cost of feed and bedding <u>\$</u>	Cost per hour <u>¢</u>
			Value	Grain	Hay		
			<u>\$</u>	<u>pounds</u>	<u>tons</u>		
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	
	heifers			Cost****	Value
		months	number	\$	\$
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
149	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 \$	Depre- ciation 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 appreciation per cow

Factors from 28 DAIRY COW Accounts, 1952
(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 \$			
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 all feed \$	Depre- ciation \$		
375	9,183	194	51	63	4.72	1.93	8.38	7.66
345	4,382	191	45	66	4.99	1.05	8.47	8.45
310	3,627	217	30	78	4.79	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	6.31	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	958	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

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

High	3,912	194	44	69	4.82	1.42	8.32	8.19
Medium	993	184	46	65	4.70	0.98	7.72	7.56
Low	435	154	38	59	4.06	1.46	8.20	6.22

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

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
1948	1,090	188	59	54	4.92	0.94	7.91	9.19

Factors from 19 HEN Accounts, 1952
(Read across both pages)

Per dozen eggs		Per 100 birds		Return per hour of labor	Mortality	Profit on enter- prise	Farm number
Cost	Value	Labor returns	Labor hours	\$	per cent	\$	
¢	¢	\$	hours	\$	per cent	\$	
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	115	0.80	18	-1,051	High
51	49	107	109	1.23	20	-60	Medium
65	48	-45	160	-0.32	38	-830	Low

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

52	50	82	123	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
51	59	247	141	1.75	18	1,395	1948

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

(Arranged by number of chicks started)											
Farm number	Number started	Per cent of chicks			Average per 100 chicks started		Value per chick started	Average per mature equivalent		Return per hour of labor	Profit on enter- prise
		Raised	Broilers	Died	Feed	Labor		Cost	Value		
		or sold									
Day-old	sexed	pullet	chicks:								
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

Miscellaneous and straight-run chicks:

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

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

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 acres	Yield per acre bu.	Cost per acre		Average per bushel		Labor per acre hours	Return per hour of labor \$	Profit on enterprise \$
			Ferti-lizer \$	Growing \$	Cost \$	Value \$			
267	53.0	265	42	224	1.48	2.14	86	3.58	9,310
316	44.2	375	96	327	1.46	2.02	126	3.03	9,271
165	42.2	363	46	219	0.91	2.07	87	5.96	17,777
221	40.8	275	51	211	1.01	0.32	57	-2.07	-7,779
344	16.0	248	65	237	1.66	2.27	100	2.48	2,423
385	6.7	231	40	211	1.30	2.24	97	3.12	1,446

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

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
1948	29.5	326	39	174	0.92	1.42	93	2.78	4,744

Factors from 8 CABBAGE Accounts, 1952
(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 enterprise \$
			Cost \$	Returns \$	Net cost \$	Value \$		Per acre \$	Per hour \$	
170	27.7	11.4	289	392	25.29	34.31	97	227	2.34	2,856
315	17.0	7.6	241	246	31.81	32.39	121	149	1.23	75
221	15.0	15.5	255	456	16.29	29.28	110	331	3.02	3,017
149	10.2	5.5	192	42	34.76	7.36	64	-94	-1.48	-1,526
380	7.0	22.8	223	683	9.80	29.99	93	515	5.56	3,219
385	7.0	8.1	203	195	23.66	22.67	138	114	0.83	-56
376	3.5	16.2	313	570	19.35	35.23	135	441	3.26	899
376	1.5	4.0	315	181	78.84	45.17	145	62	0.43	-202

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

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
1948	12.5	11.4	197	190	17.21	16.63	81	66	0.81	-83

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

(Arranged by acres of beans)										
Farm number	Beans grown 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	
			\$	\$	\$	\$		\$	\$	\$
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
Annual averages, all farms, weighted by acres of beans:										
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)

(Arranged by acres of peas)										
Farm number	Peas grown acres	Yield per acre pounds	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	
			\$	\$	\$	\$		\$	\$	\$
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
Annual averages, all farms, weighted by acres of peas:										
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)

(Arranged by acres of tomatoes)										
Farm number	Tomatoes grown acres	Yield per acre tons	Average		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise \$
			per acre		Net cost \$	Value \$		Per acre \$	Per hour \$	
			Cost \$	Returns \$						
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	18.40	31.90	184	405	2.20	883

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

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 APPIE Accounts, 1952
(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	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 acres	Average per acre				Net to grower		Return per hour of labor	Profit on enter- prise
		Yield pack- able fruit bu.	Labor to grow hours	Cost of spray and dust materials \$	Cost to grow \$	Cost per bu. \$	Returns per bu. \$		
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
Annual averages, all farms, weighted by acres of peaches:									
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 acres	Average per acre				Net to grower		Return per hour of labor	Profit on enter- prise
		Yield pack- able fruit bu.	Labor to grow hours	Cost of spray and dust materials \$	Cost to grow \$	Cost per bu. \$	Returns per bu. \$		
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
Annual averages, all farms, weighted by acres of pears:									
1952									
1951									
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)

(Arranged by acres of cherries)									
Farm number	Orchard bearing age acres	Average per acre				Net to grower		Return per hour of labor	Profit on enter- prise
		Yield per acre pounds	Labor to grow hours	Cost of		Cost per pound	Returns per pound		
				spray and dust materials	Cost to grow				
				\$	\$	¢	¢	\$	\$
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:

<u>Annual</u>	<u>averages,</u>	<u>all farms,</u>	<u>weighted by</u>	<u>acres or</u>	<u>cherries.</u>				
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)

(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	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:

Year	Acres	Yield (tons)	Labor (hours)	Cost (\$)	Net Cost (\$)	Returns (\$)	Return (\$)	Profit (\$)
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 pasture	Annual crop pasture	Hired pasture	Net cost of regular pasture*	Total 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	42.2	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)

(Arranged by acres of hay)										
Farm number	Hay per farm acres	Yield per acre tons	Average		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise \$
			per acre		Net cost \$	Value \$		Per acre \$	Per hour \$	
			Cost \$	Returns \$						
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	5.68	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	56	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

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Factors from 38 HAY Accounts, 1952
- continued-

- continued-

Farm number	Hay per farm acres	Yield per acre tons	Average		Average		Labor per acre hours	Labor		Profit on enter- prise
			per acre		per ton			returns		
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
<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)

(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 \$		
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

<u>Averages for 1952, by thirds according to acres of grass silage, weighted by farms:</u>									
High	35.2	5	1.3	7	17	22	43	4.05	6.75
Medium	13.2	5	1.8	9	22	39	60	6.54	11.41
Low	6.5	7	1.7	11	15	33	57	4.66	7.94

<u>Annual averages, all farms, weighted by acres of grass silage:</u>									
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 acres	Yield per acre tons	Labor per ton hours	Labor per acre		Cost per acre		Cost per ton to harvest \$	Net cost per ton \$
				To grow hours	To harvest hours	Manure \$	Total \$		
188	38.7	12	1.1	4	9	24	87	2.09	7.34
375	28.5	12	1.9	4	18*	26	96	3.35	7.96
281	23.4	10	2.0	8	13*	30	108	3.38	10.48
399	22.8	8	2.3	7	11	23	126	5.22	16.01
149	21.0	11	1.0	10	1*	5	74	1.49	6.74
377	20.1	13	1.6	8	11	17	105	1.55	8.31
344	18.5	10	1.4	4	9	2	65	2.30	5.28
398	18.5	11	1.7	5	14	9	85	3.53	7.58
316	18.0	15	1.2	8	9	2	94	2.61	6.47
331	17.5	8	1.7	7	7	20	89	2.69	10.47
391	17.4	9	1.3	6	5*	2	94	2.00	10.86
382	15.1	18	0.7	6	7*	4	78	2.43	4.40
324	13.4	8	2.5	8	11*	17	88	3.96	11.26
130	12.5	6	1.4	5	4	6	67	2.42	10.44
145	12.5	10	1.2	8	4*	24	100	3.07	10.16
380	11.0	9	1.2	7	4*	--	73	1.99	7.90
165	10.8	7	3.2	8	15	6	104	5.34	14.06
309	10.8	8	1.7	4	9	11	58	2.86	7.40
139	8.3	12	2.1	8	17	37	119	3.04	9.86
395	8.1	15	1.2	9	10*	3	100	2.32	6.73
315	5.0	12	0.7	6	2*	--	70	2.32	5.95
396	4.5	13	2.0	6	20	4	98	3.97	7.32
171	3.4	4	3.3	6	8*	3	98	6.87	22.20

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	8.71
Medium	15.2	11	1.4	7	7	11	87	2.74	9.15
Low	7.7	10	1.9	7	11	8	90	3.59	10.18

Annual averages, all farms, weighted by acres of silage:									
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
1948	12.8	10	2.3	10	14	12	80	2.69	7.81

* Hired silo filling

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

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost \$	Returns \$	Cost \$	Value \$		Per acre \$	Per hour \$	
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	25.4	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)

(Arranged by acres of oats)										
Farm number	Grain per farm acres	Yield per acre bushels	Average		Average		Labor per acre hours	Labor		Profit on enter- prise
			per acre		per bushel			returns		
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
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 acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
221	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)

(arranged by acres of barley)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
221	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
321	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
Annual averages, all farms, weighted by acres of barley:										
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