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Individual Factors and
Annual Averages
— *from* —
FARM COST ACCOUNTS
43 Farms -- 1949

Department of Agricultural Economics
Cornell University Agricultural Experiment Station
New York State College of Agriculture
Cornell University, Ithaca, New York
December, 1950

FOREWORD

Each farm enterprise is tabulated separately in this report. The enterprises are arranged according to size; for example, the farm with the largest number of cows is shown first on page 10, and the farm with the largest number of hens is first on page 13.

Enterprises with 15 or more farms have been divided into three 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.

ACKNOWLEDGMENTS

Forty-three New York State farmers kept detailed farm cost accounts in cooperation with the Department of Agricultural Economics, Cornell University, during 1949.

The field work on these accounts was performed by Charles Taylor 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 accounts staff consisting of: Helen Smith, Marjorie Evans, Evalyn Skirpan, Onolee Conklin, Oneta Shipe, Virginia Williams, and Gloria Howell.

The project was under the supervision of A. J. Ashe, James Holderness, and C. DelMar Kearl.

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Summary of Returns per Hour of Labor

Farm Enterprises	1914 to 1918	1919 to 1923	1924 to 1928	1929 to 1933	1934 to 1938	1939 to 1943	1944 to 1948	1948	1949
	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>Livestock:</u>									
Dairy cows	0.30	0.25	0.40	0.14	0.25	0.55	1.49	1.83	1.21
Hens	0.28*	0.84	0.47	0.31	0.29	0.77	1.34	1.75	1.87
Raising chicks	-	-	-	0.46	0.33	0.48	0.44	0.10	0.27
<u>Fruit:</u>									
Apples	-	0.79	0.79	0.45	0.45	0.85	1.60	1.60	0.98
Cherries	-	-	-	-	0.64	0.88	2.32	2.25	1.16
Peaches	-	-	-	-	0.54	0.56	1.57	1.39	0.58
<u>Grain:</u>									
Corn	0.13	-0.01	-0.13	0.03	0.22	0.58	1.79	1.56	1.64
Oats	0.11	-0.31	0.03	-0.34	-0.02	0.14	0.76	0.18	-0.98
Wheat	0.58	-0.03	0.20	-0.03	0.47	1.17	3.15	2.56	3.12
<u>Hay:</u>									
Alfalfa	0.82	0.94	0.78	0.31	0.53	1.04	1.50	1.03	1.11
All other hay	0.73	0.66	0.08	-0.01	0.18	0.51	1.09	1.07	1.88
<u>Vegetables:</u>									
Beans, dry	0.12	0.23	-0.06	0.05	0.30	0.59	1.51	1.18	-0.28
Cabbage	0.46	0.45	0.49	0.34	0.48	1.08	1.15	0.81	0.90
Peas, canning-factory	-	-	-	0.21	0.16	0.92	2.95	1.39	-0.71
Potatoes	0.49	0.51	0.89	0.52	0.50	1.08	2.11	2.78	1.75
Tomatoes, C.F.	-	-	-	0.24*	0.41	0.67	1.56	1.20	0.83

* Less than five years

Summary, 1949
Crop Enterprises

Crop	Number of accounts	Average acres per farm	Average yield per acre	Returns per hour of labor	Hours of labor per acre	Profit on enterprise	Profit per acre
<u>Cash crops</u>							
Potatoes	8	33.2	325 bu.	\$1.75	94	\$2,102	\$63
Cabbage	7	14.1	9.3 tons	0.90	80	-8	-1
Tomatoes, C.F.	6	26.3	8.3 tons	0.83	110	-526	-20
Peas, C.F.	7	10.9	1,089 lbs.	-0.71	13	-235	-21
Beans, dry	5	13.8	12 bu.	-0.28	22	-346	-25
<u>Fruit</u>							
Apples	16	50.4	258 bu.	0.98	122	19	-
Cherries	8	7.1	1,602 lbs.	1.16	80	105	15
Peaches	8	6.2	117 bu.	0.58	147	-380	-62
<u>Grain</u>							
Wheat	23	25.4	32 bu.	3.12	9	514	20
Corn for Grain	20	14.0	45 bu.	1.64	15	156	11
Oats	28	19.3	27 bu.	-0.98	7	-266	-14
<u>Hay</u>							
Alfalfa	8	21.4	1.8 tons	1.11	9	40	2
Other hay	32	41.6	1.7 tons	1.88	6	252	6

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	24	28	9,718 lbs.	1.21	115	1,259
Hens	22	1,379	194 eggs	1.87	1.3	1,705
Raising chicks	22	2,000*	-	0.27	25**	-297

* Number of chicks started.

** Per 100.

Factors from 43 LABOR Accounts, 1949
(Arranged by man equivalent)

Farm number	No. of men	Total hours per farm	Hours per man	Farm operator		Average cost per month for regular hired men			Cost per hour for help	Average cost per hour for all labor	Average cost per man
				Wage per mo.	Privi- leges per mo.	Wage and privi- leges	Wage and board	Wage only			
		hours	hours	\$	\$	\$	\$	\$	\$	\$	\$
192	15.2	42,640	2,805	569	47	625	---	---	0.86	1.09	3,064
174	12.4	29,504	2,379	250	63	---	---	---	0.72	1.03	2,455
170	11.5	29,358	2,553	216	85	200	---	179	0.86	0.99	2,515
339	9.8	31,106	3,174	216	98	---	---	---	0.99	0.92	2,927
315	8.0	22,217	2,777	150	62	184	---	---	0.96	0.87	2,405
316	8.0	25,849	3,231	200	86	267	---	149	0.75	0.85	2,758
185	5.3	14,635	2,761	201	39	159	---	---	0.78	0.90	2,492
186	5.0	13,751	2,750	167	61	---	---	---	1.05	0.96	2,632
368	5.0	12,597	2,519	167	52	182	---	---	0.68	0.87	2,199
267	4.8	9,650	2,010	167	43	182	---	---	1.44	1.34	2,700
359	4.7	12,637	2,689	157	60	179	---	---	0.85	0.85	2,283
383	4.7	12,298	2,617	250	61	164	---	---	0.82	1.04	2,710
324	4.4	9,725	2,210	250	42	176	---	---	0.62	1.06	2,353
376	4.4	9,746	2,215	250	55	236	---	---	0.65	1.31	2,906
149	4.3	12,692	2,952	125	47	128	---	---	0.71	0.62	1,839
345	4.2	11,597	2,761	228	170	---	---	162	0.70	1.08	2,974
375	4.1	12,894	3,145	250	47	192	---	---	0.95	0.90	2,836
331	4.0	8,978	2,244	150	75	---	---	---	0.45	0.95	2,131
165	3.9	12,223	3,134	250	93	239	---	---	0.85	0.97	3,054
188	3.8	14,216	3,741	208	66	249	---	---	0.75	0.83	3,121
344	3.6	9,608	2,669	167	49	204	---	---	1.20	0.98	2,624
370	3.2	9,691	3,028	200	24	258	131	---	0.93	0.80	2,423
288	3.1	12,028	3,880	167	78	192	---	132	0.77	0.59	2,299
200	3.0	9,803	3,268	167	78	174	---	---	0.74	0.73	2,374
377	3.0	8,267	2,756	200	81	---	---	133	0.54	0.87	2,407
130	2.6	8,222	3,162	208	79	206	---	143	0.61	0.93	2,951
281	2.6	9,102	3,501	167	19	---	---	155	---	0.66	2,328
310	2.5	6,507	2,603	175	127	---	---	180	0.49	0.99	2,577
382	2.5	11,913	4,765	250	73	158	---	---	0.53	0.56	2,660
171	2.4	6,544	2,727	125	41	---	---	59	0.76	0.63	1,709
211	2.4	6,891	2,871	165	54	188	---	---	0.60	0.96	2,749
146	2.2	4,071	1,850	200	39	195	---	150	0.79	1.40	2,589
340	2.2	5,634	2,561	200	49	---	---	---	0.78	0.98	2,517
371	2.2	5,412	2,460	250	51	---	---	---	0.76	1.11	2,741
145	2.1	5,435	2,588	150	102	---	---	241	---	1.12	2,887
309	2.1	4,166	1,984	150	80	---	95	---	0.69	0.99	1,965
354	2.0	6,061	3,030	200	60	178	130	---	---	0.82	2,476
380	2.0	7,162	3,581	167	94	---	150	---	1.42	0.69	2,475
166	1.8	5,038	2,799	200	54	---	---	---	0.79	0.96	2,677
139	1.8	7,408	4,116	125	94	---	---	31	---	0.39	1,618
202	1.2	2,827	2,356	100	53	---	---	---	1.15	0.83	1,952
338	1.2	3,459	2,882	100	41	---	---	---	0.77	0.60	1,740
135	1.1	2,265	2,059	100	75	---	---	---	0.88	1.03	2,126

- continued -

Factors from 43 LABOR Accounts, 1949
- continued -

Farm number	No. of men	Total		Wage per mo.	Farm operator Privi- leges per mo.	Average cost per month for regular hired men			Cost per hour for help	Average cost per hour for all labor	Average cost per man
		hours per farm	Hours per man			Wage and privi- leges	Wage and board	Wage only			
		hours	hours	\$	\$	\$	\$	\$	\$	\$	\$
Averages for 1949, by thirds according to number of men, weighted by farms:											
High	7.4	19,694	2,621	229	61	232	--	164	0.86	1.01	2,600
Medium	3.4	10,516	3,174	194	74	200	131	151	0.73	0.83	2,573
Low	1.9	5,170	2,705	159	63	187	125	120	0.85	0.89	2,302
Annual averages, all farms, weighted by number of men:											
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
1947	4.1	11,248	2,738	168	59	182	129	157	0.84	0.85	2,333
1946	4.0	11,078	2,779	152	57	160	123	137	0.84	0.78	2,171
1945	3.4	9,665	2,801	140	52	161	111	100	0.59	0.67	1,887

Factors from 11 HORSE Accounts, 1949
(Arranged by hours worked per horse)

Farm number	Horses per farm horses	Average per horse				Cost of feed and bedding \$	Cost per hour ¢
		Hours worked hours	Value \$	Grain pounds	Hay tons		
377	2.0	984	88	1696	7.0	176	33
139	2.0	914	125	1000	2.5	104	20
281	2.0	757	90	1090	3.5	130	32
149	3.5	531	90	-	4.6	79	34
315	2.0	456	38	-	2.5	50	24
170	3.0	394	92	-	3.7	78	41
370	3.0	312	130	-	1.7	78	64
338	2.0	298	100	600	3.5	100	63
200	2.0	270	121	-	2.5	70	63
202	2.0	202	62	50	3.2	78	74
309	2.0	107	82	-	2.0	49	123

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

1949	2.3	469	94	348	3.3	89	39
1948	2.8	386	110	623	3.1	90	49
1947	2.9	407	118	887	2.7	85	45
1946	2.7	447	129	951	3.0	85	41
1945	2.8	463	122	1107	3.0	91	38

Factors from 61 TRACTOR Accounts, 1949
(Arranged by hours of use)

Farm number	Size of each tractor*	Average value	Annual cost per tractor				Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
			Depre- ciation and cash repairs	Fuel and oil	All other	Total cost			
		\$	\$	\$	\$	\$	gallons	hours	\$
192	3,3	1,888	472	92	196	760	0.4	1,196	0.64
211	2,3	925	259	351	70	680	1.7	989	0.69
315	2	708	165	295	102	562	1.4	981	0.57
200	2	750	126	128	91	345	0.7	889	0.39
316	3	2,500	434	396	211	1,041	2.5	886	1.18
382	2,2	796	214	239	87	540	1.4	858	0.63
359	1	850	145	101	80	326	0.6	833	0.39
316	2	562	105	320	101	526	1.7	824	0.64
166	3	750	176	197	138	511	1.3	804	0.64
288	1,3	392	143	109	40	292	0.7	795	0.37
200	2	350	370	185	81	636	1.2	794	0.80
165	3,3	900	222	236	105	563	1.6	792	0.71
324	3	850	133	169	96	398	1.1	791	0.50
354	2	1,350	193	155	93	441	1.2	783	0.56
371	2	550	236	257	43	536	1.7	752	0.71
316	3	400	155	295	99	549	1.7	719	0.76
383	3	2,189	260	218	103	581	1.4	719	0.81
267	3,3,2	1,675	236	242	96	574	1.9	699	0.82
339	3	962	175	192	103	470	1.1	695	0.68
315	2	312	121	283	40	444	2.0	679	0.65
186	2	2,150	300	183	128	611	1.4	674	0.91
130	2,2	638	369	191	104	664	1.5	658	1.01
188	2	825	183	301	127	611	2.4	656	0.93
135	2	500	60	217	68	345	2.9	607	0.57
171	3,2	1,500	70	134	55	259	1.1	588	0.44
377	1,2	654	160	90	71	321	1.0	571	0.56
368	2,2,2	883	74	243	45	362	2.2	565	0.64
149	2	1,300	433	250	86	769	2.3	556	1.38
383	2	930	170	92	145	407	0.7	555	0.73
174	3,1,2,2	1,066	159	158	81	398	1.4	538	0.74
375	2,3	1,375	120	180	86	386	1.6	517	0.75
186	2	450	334	172	67	206	1.8	504	0.41
186	2	400	16	154	67	237	1.6	504	0.47
185	2,3	1,607	148	69	96	313	0.8	484	0.65
310	2	260	69	139	73	281	1.1	484	0.58
380	2,3	1,208	203	141	86	430	1.5	482	0.89
145	2	162	217	114	35	366	1.2	473	0.77
344	2	300	37	147	37	221	1.6	464	0.48
345	2,2	840	70	144	46	260	1.4	461	0.56
324	1	380	194	82	68	344	0.9	460	0.75
331	2,2,2,2	796	138	132	43	313	1.5	443	0.71
281	3	850	116	115	82	313	1.3	441	0.71
146	3,1	990	25	140	161	326	1.5	428	0.76
186	2	1,275	350	85	83	518	1.0	427	1.21
370	2,2	988	84	115	64	263	1.5	416	0.63

- continued -

Factors from 61 TRACTOR Accounts, 1949
- Continued -

Farm number	Size of tractor*	Average value	Annual cost per tractor				Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
			Depre- ciation and cash repairs	Fuel and oil	All other	Total cost			
		\$	\$	\$	\$	\$	gallons	hours	\$
340	2	50	-	73	16	89	0.8	404	0.22
344	3	850	212	162	132	506	1.9	403	1.26
309	2,2	940	96	108	60	264	1.3	392	0.67
170	2,2,2,2,3	1,125	121	100	106	327	1.2	389	0.84
188	2	1,525	614	76	118	808	1.0	385	2.10
371	2	469	44	138	82	264	1.9	370	0.71
315	1	18	29	53	38	120	0.7	359	0.33
376	2	950	116	99	76	291	1.5	354	0.82
359	3	500	80	176	47	303	2.7	339	0.89
344	1	608	280	63	89	432	1.1	277	1.56
202	2	638	119	89	47	255	1.5	276	0.92
188	1	350	128	89	70	287	1.9	243	1.18
376	2	150	27	80	56	163	1.7	241	0.68
340	1	65	30	20	136	186	0.3	236	0.79
376	1	800	129	44	74	247	1.4	158	1.56
139	2	1,628	59	28	48	135	1.2	105	1.29

Averages for 1949, by thirds according to hours of use per tractor, weighted by farm

High	983	217	223	99	539	1.4	824	0.66
Medium	868	150	159	77	386	1.5	535	0.71
Low	738	133	93	79	305	1.4	332	0.96

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

1949	928	166	157	84	407	1.4	567	0.72
1948	807	145	158	89	392	1.5	585	0.67
1947	690	111	128	92	331	1.3	553	0.60
1946	608	103	131	90	324	1.3	639	0.51
1945	602	101	117	80	298	1.4	560	0.53

* The figures indicate the size of each tractor in terms of the number of plow shares usually pulled. Of the 90 tractors, 11 were one-plow, 55 were two-plow, and 24 were three-plow. Farms 192, 211, 382, 288, 165, 267, 130, 171, 377, 368, 174, 375, 185, 380, 345, 331, 146, 370, 309, and 170 had more than one tractor but the cost records were not separated by machines. Farms 315, 200, 316, 359, 324, 371, 383, 186, 188, 344, 340, and 376 had more than one tractor with separate account for each tractor.

† Appreciation.

Factors from 4 TRACKLAYING TRACTOR Accounts, 1949

359	3	500	421	176	94	691	1.9	513	1.35
315	3	2,925	698	243	244	1,185	2.4	475	2.49
339	3	2,816	461	54	212	727	1.0	439	1.66
383	3	3,230	450	22	257	729	1.2	72	10.12

Factors from 51 TRUCK Accounts, 1949
(Arranged by cost per truck)

Farm number	Size of each truck***	Average value	Annual cost per truck				Miles of use per truck	Miles per gallon of gas	Average cost per mile of use
			Depre- ciation and cash repairs	Fuel and oil	All other	Total cost			
		\$	\$	\$	\$	\$	miles	miles	¢
316	S	2,050	652	330	290	1,272	11,653	8	10.9
149	L	2,100	453	428	339	1,220	9,850	5	12.4
368	L	1,550	441	120	210	771	---	---	---
344	S	1,826	282	153	329	764	9,050	12	8.4
186	L	1,150	366	188	192	746	8,672	9	8.6
316	L	779	411	98	214	723	4,812	11	15.0
376	L	1,375	265	262	190	717	6,640	6	10.8
315	L	425	284	171	150	605	7,000	9	8.6
267	L	1,900	248	127	229	604	5,400	10	11.2
345	S	1,600	205	79	290	574	---	---	---
211	L,S	538	236	170	123	529	---	---	---
382	S	1,306	85	286	153	524	8,900	6	5.9
267	S	1,075	200	149	160	509	10,000	16	5.1
170	L,L,L	1,283	150	152	202	504	2,500	4	20.1
192	L,L,S	583	239	115	145	499	---	---	---
376	S	440	268	95	122	485	3,900	10	12.4
380	L,L	775	312	57	112	481	2,569	10	18.7
316	L	250	261	110	91	462	2,510	6	18.4
331	L	425	263	55	130	448	2,152	8	20.8
324	L	700	146	70	220	436	2,600	7	16.8
145	S	602	223	87	121	431	5,131	12	8.4
166	S	100	202	66	155	423	1,967	8	21.5
146	S	750	129	108	183	420	7,000	16	6.0
338	S	362	244	59	115	418	2,800	13	14.9
165	S	340	158	104	146	408	4,389	10	9.3
174	L,L,L,S	647	155	101	148	404	2,024	5	19.9
377	L,L	1,584	208	42	154	404	1,830	10	22.1
200	L	729	264	45	90	399	2,100	9	19.0
188	S	275	176	67	136	379	2,283	8	16.6
315	L	225	125	137	110	372	---	---	---
359	L	125	107	57	121	285	---	---	---
130	L	100	99	48	132	279	---	---	---
171	L	1,375	59	61	158	278	2,530	9	11.0
188	L	450	101	22	153	276	596	7	46.3
315	S	145	113	51	102	266	---	---	---
383	L	169	103	52	110	265	1,693	8	15.7
383	S	75	132	66	64	262	3,151	11	8.3
371	S	425	67	42	137	246	2,500	12	9.8
344	L	450	136	39	61	236	1,990	11	11.9
149	S	112	125	69	7	201	---	---	---
370	L,L	256	81	40	75	196	---	---	---
281	S	180	40	56	97	193	2,800	12	6.9
135	S	175	62	74	52	188	3,399	10	5.5

-- continued --

Factors from 51 TRUCK Accounts, 1949

- continued -

Farm number	Size of each truck***	Average value	Annual cost per truck				Miles of use per truck	Miles per gallon of gas	Average cost per mile of use
			Depre- ciation and cash repairs	Fuel and oil	All other	Total cost			
		\$	\$	\$	\$	\$	miles	miles	¢
139	L	175	69	54	54	177	---	---	---
375	L,S	738	35	39	101	175	---	---	---
188	L	350	120	16	37	173	373	6	46.4
340	S	50	51	44	75	170	---	---	---
339	L,L,S	140	15	57	96	168	---	---	---
376	S	58	30	13	82	125	---	---	---
145	L	150	94	5	22	121	68	3	177.9
324	L	62	35	13	43	91	750	13	12.1

Averages for 1949, by thirds according to cost per truck, weighted by farms:

High	1,221	300	175	203	678	6,996	9	11.4
Medium	532	172	73	139	384	2,851	9	17.9
Low	218	77	43	71	191	1,858	10	32.7

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

1949	667	177	96	137	410	3,792	8**	12.0**
1948	593	140	92	125	357	4,273	8	8.9
1947	495	133	94	139	366	4,527	9	8.9
1946	386	112	76	109	297	3,468	7	9.1
1945	337	98	73	110	281	3,019	7	10.6

* Mileage unknown.

** Based on 43 trucks with known mileage.

*** The letters in the second column indicate the size of the truck.

S = 1 ton or smaller. L = 1½ ton or larger.

Nine farms had 1 account for 2 or more trucks. Six farms had 2 trucks with a separate account for each truck. Four farms had 3 trucks with a separate account for each truck. Fifteen small trucks with known mileage were driven an average of 5,262 miles at a cost of \$461, or 8.8 cents per mile. Twenty-four large trucks were driven an average of 3,168 miles at a cost of \$462, or 14.6 cents per mile. The cost for four trucks with known mileage could not be determined by size because large and small trucks were in the same account.

Factors from 24 DAIRY COW Accounts, 1949
(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	69.0	187	2,810	1.7	5.2	188	5	3.45	4.15
359	41.1	159	4,010	2.8	4.3	268	9	4.36	4.53
375	40.2	142	3,381	2.8	5.0	237	10 4	3.22	4.10
344	35.0	223	3,216	3.1	3.3	241	1 4	2.97	3.95
316	34.2	134	3,440	2.2	5.9	272	7 4	4.77	4.90
221	32.8	200	2,144	1.1	4.0	165	20	3.77	4.44
281	32.5	280	4,750	2.1	4.6	270	24	3.97	4.17
288	29.5	141	5,071	1.4	5.2	244	7	4.22	4.74
331	29.5	292	3,491	2.0	6.1	289	36 4	3.27	3.93
370	28.3	219	2,728	3.5	4.7	250	14	4.56	4.21
130	27.8	184	2,998	2.6	5.3	189	19 4	3.62	4.36
377	27.7	279	6,363	2.9	6.0	325	19	4.04	4.12
382	26.4	158	2,352	2.8	6.8	207	19	3.63	4.41
149	25.8	195	2,523	0.8	5.2	188	7	4.05	4.26
309	24.9	223	2,426	1.8	4.3	194	40 4	2.49	4.09
324	23.0	147	4,741	1.3	8.6	323	6 4	3.86	4.02
165	22.8	159	2,039	1.9	4.4	192	13	4.36	4.23
354	21.5	185	2,872	4.1	—	272	4	4.61	4.28
380	20.1	246	3,330	1.9	5.5	179	4	3.29	4.34
145	17.5	127	2,009	1.4	4.4	168	1 4	4.75	5.55
200	17.4	173	1,100	2.8	3.6	203	22	4.50	4.40
139	15.7	327	6,487	3.1	5.6	371	13	4.31	4.47
202	10.8	161	1,574	1.9	—	108	14	6.00	5.07
338	9.6	182	3,177	3.5	—	214	18	3.53	4.23

Averages for 1949, by thirds according to number of cows, weighted by farms:

High	39.3	183	3,603	2.2	4.7	236	6	3.84	4.37
Medium	26.7	212	3,453	2.2	5.9	246	5 4	3.69	4.18
Low	16.9	195	2,824	2.6	2.9	213	11	4.42	4.57

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

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 4	3.83	5.22
1947	26.4	172	3,139	2.6	4.7	222	3 4	3.53	4.67
1946	25.1	164	3,079	2.6	4.9	200	13	3.50	4.69
1945	24.3	160	2,946	2.4	4.1	166	10	3.13	3.98

~~4~~ Indicates appreciation per cow.

Factors from 24 DAIRY COWS Accounts, 1949
(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 \$			
		\$	\$	\$	\$	\$			
92	3.6	348	413	65	170	1.36	126	4,517	188
104	3.7	480	498	18	138	0.98	141	735	359
109	3.3	389	486	97	194	1.86	104	3,897	375
123	3.7	411	532	121	221	2.10	105	4,218	344
80	5.1	417	427	10	91	0.97	93	360	316
85	3.5	356	413	57	152	1.52	100	1,861	221
111	3.4	485	507	22	114	0.82	138	719	281
82	5.0	386	428	42	120	0.90	133	1,247	288
116	3.6	476	553	77	170	1.73	98	2,259	331
97	3.6	467	433	-34	99	0.59	167	-955	370
94	3.6	388	458	70	171	1.58	108	1,951	130
123	3.8	561	571	10	112	0.96	117	288	377
92	3.8	365	437	72	151	1.07	141	1,894	382
79	3.4	346	363	17	88	0.76	115	435	149
113	3.3	359	539	180	255	3.37	76	4,489	309
119	3.8	502	522	20	119	1.28	93	450	324
78	3.6	382	372	-10	101	0.90	111	-241	165
89	3.4	430	400	-30	39	0.46	84	-644	354
97	3.4	348	450	102	171	1.72	99	2,051	380
65	5.0	329	381	52	136	1.81	75	911	145
77	3.6	370	362	-8	65	0.65	100	-139	200
110	3.2	544	525	-18	45	0.28	159	-283	139
49	4.5	309	264	-45	67	0.49	135	-488	202
100	3.6	391	462	71	150	1.14	132	673	338

Averages for 1949, by thirds according to number of cows, weighted by farms:

98	3.9	409	463	54	150	1.31	118	2,194	High
104	3.6	433	484	51	146	1.42	114	1,351	Medium
83	3.8	388	402	14	97	0.93	112	230	Low

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

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
94	3.7	369	476	107	190	1.66	115	2,810	1947
90	3.8	349	456	107	182	1.55	117	2,683	1946
89	3.7	303	379	76	145	1.24	117	1,852	1945

Factors from 22 HEIFER Accounts, 1949
(Arranged by number of heifers)

Farm number	Number of heifers*	Average age end of year** months	Heifer equivalent raised*** number	Average per heifer	
				Cost**** \$	Value \$
188	52	18	15.5	352	175
316	46	17	14.3	451	136
375	45	20	16.3	200	196
331	44	16	13.5	443	208
359	44	20	12.4	523	243
377	40	18	12.8	360	400
382	33	18	10.8	233	250
139	33	21	9.7	313	383
344	31	17	8.5	470	245
288	31	15	8.4	233	204
211	27	15	8.8	294	200
324	26	18	8.2	255	187
281	25	18	7.2	375	294
309	23	17	6.1	221	225
165	20	14	6.0	230	175
149	19	32	4.3	453	200
370	18	19	5.8	408	225
130	16	19	4.2	408	179
145	15	15	5.2	245	200
200	14	15	4.8	237	---
354	13	16	4.0	276	188
202	12	23	4.3	172	145

Averages for 1949, by thirds according to number of heifers, weighted by farms:

High	43	18	13.7	366	230
Medium	27	17	7.9	299	239
Low	15	20	4.7	314	162

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

1949	28	18	8.7	336	224
1948	30	18	8.4	320	198
1947	25	17	7.3	313	174
1946	25	17	7.0	285	163
1945	23	18	6.5	257	163

- * 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 22 HEN Accounts, 1949
(Arranged by number of birds)

Farm number	Size of flock	Eggs per hen	Average per bird				Total cost	Total returns
			Grain fed	Mash fed	Cost all feed	Depre- ciation		
	birds	eggs	pounds	pounds	\$	\$	\$	\$
375	5,255	216	46	58	3.92	1.38	6.48	9.39
345	4,070	203	45	61	3.82	0.42	6.26	9.08
368	3,029	229	32	113	6.07	2.22	10.67	11.05
310	2,127	191	48	58	4.15	0.42	7.24	8.94
371	1,705	212	56	75	4.59	1.03	7.99	9.38
186	1,600	212	52	62	3.85	0.97	7.07	9.19
382	1,457	160	45	64	4.27	1.07	6.72	6.76
171	1,328	149	54	48	3.75	0.67	5.50	5.79
149	1,283	105	23	66	3.15	1.19	5.78	4.50
354	1,146	225	56	70	4.91	0.37	7.58	8.59
324	1,110	188	60	55	4.18	0.81	6.82	7.65
338	1,045	181	49	44	3.64	1.33	6.01	7.11
146	1,029	176	74	41	3.99	1.11	7.34	7.24
145	959	133	52	55	4.10	0.94	6.94	5.78
174	617	197	39	73	4.43	2.05	8.30	9.14
165	564	179	62	50	4.42	0.85	7.25	8.02
288	493	183	53	40	3.84	1.63	7.88	7.20
139	464	139	64	44	4.26	0.78	6.79	5.51
130	321	240	79	73	5.41	1.06	9.77	8.85
309	283	207	71	64	5.00	1.52	8.63	7.95
166	249	177	44	56	3.84	0.27	6.02	6.96
380	208	179	71	61	4.68	2.16	8.69	7.00

Averages for 1949, by thirds according to number of birds, weighted by farms:

High	2,749	203	46	70	4.38	1.07	7.49	9.11
Medium	1,065	169	51	56	4.02	1.06	6.78	6.98
Low	369	186	63	55	4.49	1.18	7.86	7.36

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

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
1947	1,082	191	53	57	5.02	1.05	7.88	8.97
1946	910	181	54	55	4.09	0.55	6.56	7.44
1945	899	172	51	50	3.33	0.42	5.50	6.61

Factors from 22 HEN Accounts, 1949
(Read across both pages)

Per dozen eggs		Per 100 birds		Return		Profit on	Farm
Cost	Value	Labor returns	Labor	per hour of labor	Mortality	enter-prise	number
\$	\$	\$	hours	\$	per cent	\$	
36	52	354	74	4.77	20	15,305	375
37	53	401	111	3.62	27	11,460	345
60	63	168	148	1.14	17	1,148	368
47	58	343	175	1.96	58	3,606	310
45	53	255	103	2.46	14	2,376	371
39	51	364	164	2.22	29	3,399	186
50	50	91	156	0.59	17	62	382
44	46	91	100	0.91	13	372	171
66	51	-37	136	-0.27	26	-1,643	149
41	47	216	140	1.53	9	1,154	354
42	48	185	100	1.93	23	918	324
39	46	167	94	1.78	18	1,153	338
49	49	132	99	1.33	23	-103	146
62	52	6	109	0.05	21	-1,110	145
50	55	222	128	1.73	24	516	174
48	53	196	120	1.64	17	435	165
52	47	129	337	0.38	24	-336	288
69	55	-43	217	-0.20	14	-596	139
48	44	165	276	0.60	50	-297	130
50	46	66	135	0.49	31	-191	309
41	47	245	151	1.62	18	233	166
57	46	-53	167	-0.32	40	-352	380

Averages for 1949, by thirds according to number of birds, weighted by farms:

45	54	282	133	2.39	26	5,337	High
49	49	123	113	1.12	20	157	Medium
52	48	101	200	0.60	28	-158	Low

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

45	53	235	126	1.87	23	1,705	1949
51	59	247	141	1.75	18	1,395	1948
50	57	224	147	1.52	22	1,173	1947
44	50	200	157	1.27	18	801	1946
39	46	211	166	1.27	21	996	1945

Factors from 22 CHICK Accounts, 1949^{**}
(Arranged by number of chicks started)

Farm number	Number started	Per cent of chicks Raised or sold	Broilers	Died	Average per 100 chicks started	Value per chick started	Average per mature equivalent	Return per hour of labor	Profit on enter-prise
	number	%	%	%	pounds	hours	\$	\$	\$
<u>Day-old sexed pullet chicks:</u>									
375	7,500	84	3	13	2,768	20	36	2.04	2.50
310	4,377	69	10	21	1,899	11	36	2.06	1.00
186	2,700	69	1	30	1,681	13	35	1.83	1.52
371	1,800	81	1	18	2,629	33	35	2.35	2.00
171	1,450	70	1	29	2,372	30	38	2.28	1.98
146	1,000	85	**	15	2,517	28	37	2.55	1.75
149	1,000	72	**	28	1,560	41	30	1.97	1.50
371	1,000	87	**	13	2,110	30	26	1.79	1.63
338	936	86	6	8	2,596	39	36	2.13	2.25
324	800	88	1	11	1,662	24	38	1.80	1.50
130	600	93	2	5	1,100	52	36	1.56	1.25
288	500	90	2	8	2,556	113	36	2.61	2.00
380	280	85	3	12	3,584	49	30	2.32	2.50
<u>Miscellaneous chicks:</u>									
368	4,430	92	3	5	4,018	24	46 [†]	2.77	2.40
345	4,000	79	19	2	2,134	30	34	2.14	1.50
354	4,000	46	51	3	1,836	20	16	1.34	1.83
382	2,750	65	18	17	1,942	28	30	1.72	2.01
174	1,850	55	28	17	2,627	30	24	2.67	1.75
139	1,251	37	29	34	831	30	24	2.80	2.87
165	885	95	**	5	1,928	16	89 [†]	1.97	2.00
309	500	71	15	14	2,674	16	31	1.93	2.00
166	400	85	**	15	2,145	31	95 [†]	2.71	2.00
<u>Annual averages, all farms, weighted by number of birds:</u>									
1949	2,000	74	12	14	2,352	25	35	2.12	1.92
1948	1,957	69	16	15	2,350	25	36	2.33	2.07
1947	1,863	69	16	15	2,480	27	30	2.26	2.11
1946	2,088	60	18	22	1,953	25	26	1.97	1.95
1945	2,978	51	36	13	1,645	21	21	1.44	1.64

* 22 accounts on 21 farms.

** Less than 1%.

† Includes started chicks.

Factors from 3 INCUBATION Accounts, 1949
(Arranged by number of eggs set)

Farm number	Eggs set number	Value per egg ¢	Per cent hatch %	Average per 100 salable chicks hatched				Return per hour of labor \$	Profit on enter- prise \$
				Net cost \$	Value \$	Labor returns \$	Labor hours		
368	199,166	7.0	84	10.80	18.84	8.59	0.6	13.66	13,396
310	23,918	7.9	81	14.78	19.02	5.07	0.8	6.07	823
139	7,428	5.3	58	15.91	20.49	5.75	3.0	1.92	196
<u>Annual averages, all farms:</u>									
1949	76,837	7.1	83	11.32	18.89	8.16	0.7	11.62	4,805
1948	53,050	6.9	72	13.47	20.22	7.71	1.2	6.68	2,594
1947	69,724	6.6	65	12.90	16.43	4.26	1.0	4.14	1,593
1946	62,143	5.6	71	11.29	16.51	5.89	1.0	6.18	2,312
1945	59,053	5.1	60	11.10	17.52	7.06	1.0	7.17	2,289

Factors from 8 POTATO Accounts, 1949
(Arranged by acres of potatoes)

(Average 5 1/2 acres of potatoes)										
Farm number	Potatoes grown acres	Yield per acre bu.	Cost per acre			Average per bushel		Labor per acre hours	Return per hour of labor \$	Profit on enter- prise \$
			Ferti- lizer \$	Spray and dust \$	Growing \$	Cost \$	Value \$			
267	66.0	333	40	14	177	0.92	1.23	75	2.83	6,888
165	46.2	356	44	10	167	0.70	1.14	83	2.80	7,229
186	41.5	306	35	3	148	0.87	0.93	105	1.22	831
316	40.0	288	68	30	243	1.50	1.37	117	0.56	-1,589
166	35.0	320	49	7	185	0.95	1.12	88	1.54	1,887
344	20.0	364	48	15	166	0.96	1.27	112	2.09	2,246
146	12.0	303	34	32	177	1.21	0.85	116	0.41	-1,295
165	5.0	330	46	10	176	0.75	1.12	76	2.53	619

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

1949	33.2	325	46	14	181	0.97	1.16	94	1.75	2,102
1948	29.5	326	39	15	174	0.92	1.42	93	2.78	4,744
1947	32.8	231	35	15	142	1.04	1.50	84	2.18	3,499
1946	30.4	308	32	14	140	0.75	1.09	92	2.00	3,143
1945	26.7	158	28	9	128	1.23	1.42	77	1.11	812

Factors from 7 CABBAGE Accounts, 1949
(Arranged by acres of cabbage)

Farm number	Cabbage grown acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Net cost	Value		Per acre	Per hour	
170	35.6	7.7	216	132	27.93	17.08	93	8	0.09	-2,985
315	27.0	9.3	143	177	15.39	19.05	67	88	1.32	920
174	11.9	13.4	431	696	32.28	52.13	94	367	3.89	3,155
380	10.0	18.2	186	157	10.19	8.63	72	21	0.30	-285
149	8.5	2.5	125	62	47.98	22.91	60	-26	-0.43	-534
324	4.0	3.8	138	93	36.67	24.73	61	20	0.32	-179
171	2.0	8.2	189	114	23.19	14.05	89	-19	-0.21	-149

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

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
1947	11.6	9.4	200	412	21.22	43.65	97	299	3.07	2,467
1946	14.6	9.6	145	85	15.02	8.84	82	12	0.14	-868
1945	13.2	8.4	126	100	15.04	11.95	82	33	0.40	-342

Factors from 5 DRY BEANS Accounts, 1949
(Arranged by acres of beans)

Farm number	Beans grown 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	
			\$	\$	\$	\$		\$	\$	
380*	22.0	-	-	-	-	-	9	-33	-3.58	-859
202	12.5	11	71	42	5.73	2.98	24	-10	-0.40	-369
316	12.3	31	137	118	4.40	3.80	46	21	0.46	-231
130	12.0	14	93	69	6.89	5.09	25	-1	-0.04	-292
135	10.0	13	58	60	4.27	4.44	15	17	1.19	22
Annual averages, all farms, weighted by acres of beans:										
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
1947	18.6	15	68	90	4.34	5.79	24	41	1.72	413
1946	22.0	21	61	126	2.79	5.84	28	85	3.04	1,417
1945	13.2	16	57	76	3.42	4.61	32	38	1.21	256

* Beans not harvested.

Factors from 7 CANNING FACTORY PEA Accounts, 1949
(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	Cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	
186	19.8	2,074	66	85	63.61	81.59	15	33	2.15	369
315	16.0	427	71	28**	261.11	62.28	12	-33	-2.86	-680
146	12.0	1,069	88	41	163.71	76.17	17	-23	-1.33	-562
380	12.0	1,267	78	51	123.03	80.53	12	-19	-1.55	-323
135	9.8	767	68	43	177.13	111.44	11	-14	-1.38	-247
149	5.0	-	52	20*	-	-	4	-29	-7.68	-158
382	2.0	-	52	32**	-	-	11	-15	-1.36	-42
Annual averages, all farms, weighted by acres of peas:										
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
1947	10.5	2,899	73	119	50.31	81.95	18	63	3.43	482
1946	11.3	3,334	83	155	47.56	90.78	23	91	4.04	817
1945	11.0	2,443	70	115	57.20	93.62	18	56	3.21	488

* Returns consist of pasture of acreage.

** Includes seed cost borne by canning factory company.

Factors from 6 CANNING FACTORY TOMATO Accounts, 1949
(Arranged by acres of tomatoes)

Farm number	Tomatoes grown acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
170	50.8	9.1	245	235	26.88	25.76	129	117	0.91	-522
315	47.9	10.1	194	244	19.20	24.19	96	149	1.56	2,408
376	26.5	7.0	311	176	44.55	25.17	123	31	0.25	-3,587
149	18.0	3.7	144	94	38.63	24.84	78	-2	-0.03	-910
200	10.0	9.2	225	185	24.52	20.19	128	53	0.42	-397
171	4.5	4.6	143	110	31.32	24.20	77	16	0.20	-146
Annual averages, all farms, weighted by acres:										
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
1947	15.2	9.0	230	267	25.62	29.76	116	147	1.27	566
1946	18.8	15.7	236	468	15.01	29.72	119	358	3.02	4,343
1945	16.3	9.7	171	252	17.60	25.88	107	160	1.49	1,314

Factors from 3 CANNING FACTORY CORN Accounts, 1949
(Arranged by acres of corn)

Farm number	Corn grown acres	Yield per acre* tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
267	51.0	4.2	86	152	18.45	34.00	9	77	8.59	3,358
211	42.0	2.2	45	75	20.62	34.35	7	37	5.21	1,266
380	13.0	2.2	58	79	24.50	33.94	8	27	3.23	271
Annual averages, all farms, weighted by acres of corn:										
1949	35.3	3.2	66	113	19.56	34.09	8	55	6.76	1,632
1948	15.8	3.1	67	108	20.75	34.02	18	59	3.28	650
1947	11.8	1.7	50	44	30.14	26.36	16	7	0.45	-74
1946	20.1	3.5	58	101	15.68	27.97	31	69	2.20	865
1945	19.9	3.5	58	99	15.63	27.36	38	65	1.72	818

* Averaged

Factors from 16 APPLE Accounts, 1949
(Arranged by acres of apples)

Farm number	Orchard bearing age	Yield pack- able fruit per acre	Labor		Cost of spray and dust materials per acre	Cost to grow an acre	Net to grower		Return per hour of labor	Profit on enter- prise
			To grow an acre	To harvest a bushel			Cost per bu.	Returns per bu.		
	acres	bu.	hrs.	minutes	\$	\$	\$	\$	\$	\$
192	144.5	283	50	17	55	228	1.19	1.06	0.76	-5,473
315	117.4	276	25	13	31	94	0.56	0.54	0.80	-507
339	104.0	468	54	19	45	207	0.97	1.17	1.36	9,979
170	88.2	313	43	13	32	129	0.63	0.70	1.20	2,015
340	70.3	47	13	68	33	88	3.04	0.75	-0.63	-7,514
185	62.3	335	62	18	53	178	0.84	1.11	1.46	5,675
383	40.0	210	38	14	39	150	0.96	0.84	0.84	-967
376	34.5	323	40	8	43	161	0.64	0.97	2.42	3,760
359	30.0	94	23	24	28	78	1.25	0.66	-0.77	-1,674
200	26.2	173	34	9	20	98	0.75	0.76	0.75	37
171	21.9	122	22	18	12	43	0.60	0.44	0.29	-429
345	17.3	24	37	84	33	111	6.54	1.01	-0.59	-2,313
135	13.4	27	7	34	3	43	2.27	0.97	-0.53	-463
370	13.0	173	20	19	20	61	0.66	0.44	0.33	-494
368	12.1	39	17	22	17	53	1.81	0.86	-0.23	-448
149	11.2	94	33	25	24	87	1.40	0.57	-0.39	-874

Averages for 1949, by thirds according to acres, weighted by farms:

High	104.9	277	37	26	39	149	1.28	0.84	0.70	-300
Medium	35.8	210	36	15	32	118	0.84	0.80	0.83	1,067
Low	13.4	71	23	37	19	71	2.54	0.77	-0.28	-918

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

1949	50.4	258	38	17	38	144	0.91	0.91	0.98	19
1948	48.7	213	46	14	37	155	1.05	1.35	1.60	3,141
1947	46.7	227	40	16	41	133	0.99	1.28	1.55	3,090
1946	46.4	262	138	18	37	126	0.85	1.77	2.66	11,181
1945	41.1	22	34	22	19	83	4.44	3.26	0.27	-1,045

Factors from OTHER FRUIT Accounts, 1949
(Arranged by acres of fruit)

(Arranged by acres of fruit)										
Farm number	Orchard bearing age	Yield pack- able fruit per acre	Labor		Cost of spray and dust materials per acre	Cost to grow an acre	Net to grower		Return per hour of labor	Profit on enter- prise
			To grow an acre	To harvest a bushel			Cost per bu.	Returns per bu.		
	acres	bu.	hrs.	minutes	\$	\$	\$	\$	\$	\$
<u>8 Accounts with PEACHES</u>										
383	12.7	182	122	21	15	224	2.12	1.63	0.65	-1,143
170	10.5	145	107	21	28	207	2.33	2.03	0.79	-461
315	6.0	38	40	28	12	78	2.70	2.34	0.59	-81
376	5.5	110	50	29	15	147	2.32	1.20	0.24	-674
200	5.4	104	32	30	4	81	1.32	0.92	0.28	-226
171	4.4	10	11	31	1	18	2.29	1.05	-0.04	-52
149	3.5	79	57	40	19	93	1.78	0.80	-0.08	-270
345	1.2	171	50	23	2	133	1.36	0.72	0.28	-130
<u>Annual averages, all farms, weighted by acres of peaches:</u>										
1949	6.2	117	75	24	15	148	2.10	1.57	0.58	-380
1948	7.2	146	67	28	13	134	1.58	2.06	1.39	510
1947	6.4	146	62	28	19	127	1.63	1.73	1.04	99
1946	6.5	136	64	36	12	115	1.64	1.90	1.13	237
1945	7.8	146	42	25	9	78	1.05	2.31	2.39	1,424
<u>3 Accounts with PEARS</u>										
170	10.9	53	64	49	20	143	3.60	1.36	-0.10	-1,294
383	5.2	63	3	42	7	54	2.54	2.14	0.68	-129
345	1.8	52	12	41	3	36	1.76	2.70	1.90	88
<u>Annual averages, all farms, weighted by acres of pears:</u>										
1949	6.0	56	41	46	15	106	3.08	1.74	0.19	-445
1948	6.2	32	22	36	14	77	3.33	2.86	0.57	-95
1947	6.7	80	25	29	27	96	1.85	2.27	1.40	224
1946	7.4	82	64	34	19	120	2.14	3.03	1.54	541
1945	8.3	18	35	36	12	76	4.98	3.08	0.08	-280

Factors from OTHER FRUIT Accounts, 1949
- continued -

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

8 Accounts with CHERRIES

315*	12.5	682	7	7	36	9.6	11.4	1.15	158
170*	11.9	2,397	12	13	66	6.8	11.1	1.97	1,230
383***	11.3	613	17	10	79	17.7	8.3	-0.82	-652
315**	8.5	1,359	30	16	70	9.4	6.0	0.33	-394
376*	6.0	2,828	19	9	102	9.5	10.5	1.62	166
170**	4.0	2,620	21	17	92	7.8	6.7	0.75	-110
171*	2.0	2,915	3	2	16	4.2	11.0	1.82	394
171**	0.8	3,131	8	8	31	4.1	6.0	1.05	49

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

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
1947	11.4	2,897	20	9	68	6.2	10.3	1.82	1,356
1946	6.4	4,801	19	15	93	6.3	20.0	3.86	4,163
1945	9.2	2,697	22	14	82	7.3	11.9	1.80	1,121

* Sour cherries

** Sweet cherries

*** Sweet and sour cherries

Factors from 32* HAY Accounts Other Than Alfalfa, 1949
(Arranged by acres of hay)

Farm number	Hay per farm acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise \$
			Cost \$	Returns \$	Cost \$	Value \$		Per acre \$	Per hour \$	
331	117.1	0.8	29	32	27	30	5	7	1.51	313
359	109.0	1.5	28	39	18	25	6	16	2.63	1,174
375	72.5	1.5	29	45	17	27	3	18	6.13	1,108
188	72.5	1.4	41	48	21	26	4	10	2.79	510
344	66.5	2.4	62	61	26	25	7	6	0.89	-29
316	62.9	1.8	54	38	29	20	6	-11	-1.89	-1,007
211	61.9	1.4	31	35	22	24	5	8	1.66	214
368	60.6	1.6	29	29	18	18	5	4	0.80	-25
149	57.0	1.2	26	25	22	21	3	1	0.36	-48
382	48.5	2.0	26	63	8	26	5	40	7.42	1,804
309	48.2	1.3	34	32	26	25	4	2	0.60	-77
145	45.1	0.9	28	26	26	24	3	1	0.28	-96
370	44.5	2.7	35	84	12	30	6	55	8.51	2,221
281	44.3	1.5	39	45	26	30	7	10	1.61	272
377	42.9	2.3	50	48	21	20	11	8	0.74	-61
186	42.0	2.9	54	56	19	20	8	10	1.25	110
146	34.4	1.9	32	45	17	24	7	23	3.26	436
202	34.0	0.6	22	20	32	28	4	0	0.06	-100
345	33.3	2.1	48	67	23	32	13	33	2.54	624
165	29.6	1.6	29	35	18	21	9	14	1.67	172
380	29.3	2.1	40	38	17	16	6	3	0.51	-33
174	28.2	1.5	47	30	32	20	7	-10	-1.47	-485
139	23.0	1.6	28	39	18	25	8	14	1.88	261
354	22.3	3.7	64	75	17	20	11	20	1.86	251
338	21.0	1.9	45	40	22	20	9	0	0.05	-100
171	16.9	2.7	29	49	11	18	4	22	5.14	334
383	15.4	1.9	39	37	21	20	12	11	0.86	-34
139	12.0	2.7	40	84	14	30	15	50	3.30	529
200	11.7	2.4	56	48	23	20	7	-2	-0.32	-89
310	9.0	0.8	37	24	31	15	8	-5	-0.61	-115
324	8.0	3.8	77	75	21	20	11	10	0.86	-19
376	7.0	2.0	41	50	21	25	8	20	2.56	62

Averages for 1949, by thirds according to acres of hay, weighted by farms:

High	70.6	1.5	35	41	21	24	5	9	2.08	358
Medium	37.9	1.9	38	46	21	24	7	16	2.04	354
Low	15.9	2.3	46	50	21	21	9	12	1.28	54

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

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
1947	36.6	2.2	37	40	16	17	8	8	1.05	75
1946	41.7	1.9	29	31	14	15	7	7	0.97	84
1945	36.2	2.0	29	33	14	16	9	9	1.02	128

* 32 accounts on 31 farms.

Factors from 8 ALFALFA Accounts, 1949
(Arranged by acres of alfalfa)

Farm number	Alfalfa per farm acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise \$
			Cost	Returns	Cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	
130	46.7	1.5	31	20	20	12	8	-4	-0.57	-546
371	32.5	2.0	40	48	20	25	13	23	1.76	273
288	30.4	1.6	29	49	12	25	8	26	3.04	631
135	19.5	1.6	28	33	17	20	5	10	1.99	90
170	14.0	1.9	45	35	24	18	7	-3	-0.43	-145
139	12.9	1.6	18	47	11	30	8	32	4.13	374
315	10.0	2.5	76	44	30	17	15	-20	-1.39	-325
267	5.0	3.6	77	71	22	20	19	17	-0.90	-32
Annual averages, all farms, weighted by acres of alfalfa:										
1949	21.4	1.8	36	38	19	20	9	10	1.11	40
1948	20.5	2.3	43	45	18	19	10	11	1.03	41
1947	27.5	2.0	37	40	17	18	10	11	1.12	72
1946	30.9	2.4	31	36	13	15	10	12	1.19	145
1945	24.8	2.1	27	39	13	19	9	19	1.99	302

Factors from 5 GRASS SILAGE Accounts, 1949
(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	36.5	5	1.7	---	9	7	41	3.46	6.65
324	26.5	6	1.3	---	7	9	49	5.37	8.62
370	12.0	3	1.9	---	6	4	24	2.74	7.03
382	6.5	5	1.4	---	8	---	17	1.63	2.51
344	4.0	8	1.4	---	12	6	46	1.88	4.85
Annual averages, all farms, weighted by acres of silage:									
1949	17.1	5	1.5	---	8	7	40	3.76	6.87
1948	22.1	8	1.5	---	11	7	45	3.06	5.39

Factors from 25 CORN SILAGE Accounts, 1949
(Arranged by acres of silage)

(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 \$	Cost per ton \$
				To grow hours	To harvest hours	Manure \$	Total \$		
316	26.8	9	2.5	8	14	17	116	4.23	12.75
130	23.5	6	2.2	9	5*	2	60	3.35	9.47
375	23.0	10	2.1	5	16	17	77	3.11	7.66
359	18.0	13	1.6	5	15	12	90	3.31	7.12
149	17.9	7	2.0	9	4*	11	62	2.77	9.34
281	17.9	11	3.5	12	27	26	115	3.33	10.27
188	17.5	9	2.2	5	14	31	89	3.30	10.50
377	16.5	16	1.5	8	16	14	95	1.41	6.11
382	15.5	14	1.2	8	9*	15	63	1.42	4.58
309	15.0	8	1.4	5	6	10	56	1.97	6.57
324	14.7	5	3.9	9	10	12	87	4.79	17.58
200	14.3	5	3.9	11	9	7	67	4.39	12.86
370	14.0	12	1.9	10	14	22	81	1.96	6.55
145	13.0	10	1.6	10	6*	9	74	3.17	7.86
211	13.0	12	1.8	10	11*	-	70	2.79	6.07
331	12.8	11	2.4	11	16	21	115	2.75	10.70
288	12.0	12	2.2	8	20	30	94	1.82	7.52
344	12.0	12	1.6	8	13	22	99	1.66	7.92
165	11.5	9	2.7	8	17	9	98	3.20	10.58
380	9.0	7	2.5	8	10	7	62	1.42	8.52
315	8.0	11	1.2	11	2*	-	62	1.82	5.44
139	7.3	14	2.2	8	21	37	108	2.62	7.85
186	7.0	15	2.0	9	21	-	124	3.43	8.49
174	4.0	13	4.2	11	43	-	155	6.69	11.94
171	2.0	10	3.0	6	24	6	96	6.70	9.60

Averages for 1949, by thirds, according to acres of silage, weighted by farms:

High	20.1	10	2.2	8	14	16	88	3.10	9.15
Medium	13.8	10	2.3	9	11	14	79	2.78	8.92
Low	7.6	11	2.4	9	19	10	100	3.44	8.70

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

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
1947	14.0	9	2.5	8	14	12	71	2.75	7.82
1946	15.5	10	2.5	9	15	12	64	2.21	6.71
1945	16.2	8	2.9	9	14	11	60	2.40	7.24

* Hired silo filling

Factors from 20 CORN FOR GRAIN Accounts, 1949
(Arranged by acres of corn)

Farm number	Grain Yield		Average		Average		Labor per acre hrs.	Labor returns		Profit on enter- prise
	per farm	per acre	per acre		per bushel			Per	Per	
	acres	bushels	Cost	Returns	Cost	Value		acre	hour	
			\$	\$	\$	\$		\$	\$	\$
371	41.0	30	44	39	1.44	1.29	12	8	0.72	-185
382	38.0	62	39	80	0.59	1.25	11	47	4.15	1,540
211	32.0	48	49	61	1.01	1.25	11	22	2.00	372
186	27.0	58	55	88	0.93	1.50	14	46	3.30	894
359	27.0	22	39	40	1.75	1.80	8	8	0.98	28
310	17.0	82	68	100	0.83	1.21	18	49	2.72	538
171	14.6	48	46	74	0.91	1.50	16	38	2.38	413
345	13.8	39	69	68	1.66	1.64	34	35	1.04	-14
146	12.0	50	49	75	0.97	1.50	11	42	3.86	316
288	8.4	64	83	95	1.11	1.30	26	27	1.05	101
135	8.0	30	38	67	1.29	2.25	10	39	3.99	229
383	7.0	6	55	8	8.58	1.27	8	-39	-4.93	-329
377	6.0	56	109	78	1.80	1.25	33	-2	-0.07	-185
145	5.0	40	92	62	2.31	1.56	12	-17	-1.45	-149
149	5.0	25	85	43	3.09	1.40	28	-25	-0.89	-211
200	4.0	34	92	63	2.37	1.51	57	12	0.22	-116
370	4.0	28	93	50	3.37	1.83	22	-25	-1.12	-170
202	3.2	19	52	28	2.71	1.45	10	-16	-1.52	-78
344	3.0	57	52	85	0.91	1.51	12	45	3.75	101
130	3.0	50	56	63	1.13	1.25	12	18	1.43	19

Averages for 1949, by thirds according to acres of corn, weighted by farms:

High	28.1	50	49	69	1.07	1.40	13	31	2.32	514
Medium	9.2	41	67	65	2.57	1.54	20	17	0.82	20
Low	3.9	36	75	56	2.27	1.50	22	-1	0.06	-86

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

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
1947	14.1	31	49	72	1.55	2.26	13	33	2.63	318
1946	15.3	39	44	68	1.12	1.76	15	36	2.35	379
1945	12.7	35	43	55	1.20	1.56	14	23	1.58	160

Factors from 28 OATS Accounts, 1949
(Arranged by acres of oats)

(Arranged by acres or bushels)										
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 \$	
			\$	\$	\$	\$				
211	50.3	30	27	22	0.88	0.72	6	1	0.12	-247
186	39.0	33	29	30	0.89	0.90	6	6	0.97	10
368	31.0	37	39	36	1.04	0.96	7	3	0.44	-89
188	29.5	22	47	27	1.89	0.97	8	-13	-1.58	-602
344	29.0	34	49	35	1.37	0.95	8	-7	-0.90	-410
371	28.1	27	35	23	1.29	0.84	8	-4	-0.46	-338
316	27.0	10	62	13	5.86	1.10	6	-43	-6.70	-1,323
130	26.6	32	33	32	1.04	1.00	4	3	0.63	-32
309	25.0	16	36	13	2.10	0.65	6	-17	-2.99	-579
382	25.0	34	38	28	1.01	0.71	7	-6	-0.86	-257
331	23.0	17	39	19	2.21	1.00	11	-11	-1.01	-474
288	20.3	43	34	35	0.79	0.80	8	5	0.64	11
166	20.0	17	36	12	2.03	0.66	8	-16	-1.91	-476
377	16.5	46	65	43	1.19	0.70	13	-11	-0.84	-371
171	16.4	18	23	15	1.25	0.80	5	-5	-1.04	-136
135	14.6	31	22	26	0.70	0.85	3	8	2.42	66
324	14.0	43	51	55	1.12	1.20	11	14	1.31	51
200	12.6	24	42	19	1.68	0.75	10	-15	-1.42	-279
281	12.6	27	72	30	2.51	0.96	12	-34	-2.86	-521
202	12.0	2	31	2	12.86	0.79	7	-23	-3.15	-350
345	11.9	21	47	31	1.90	1.15	10	-5	-0.53	-186
315	11.0	10	30	7	3.14	0.74	6	-18	-3.00	-252
165	10.9	24	45	28	1.69	1.00	9	-7	-0.76	-180
170	10.2	29	42	44	1.43	1.50	7	9	1.28	21
149	8.0	17	40	17	2.28	0.96	4	-20	-4.97	-184
380	7.7	22	46	19	2.12	0.85	6	-24	-3.93	-213
383	4.7	22	57	22	2.53	1.00	8	-26	-3.08	-161
139	3.0	53	47	63	0.65	0.96	21	25	1.19	50

Averages for 1949, by thirds according to acres of oats, weighted by farms:

High	31.7	27	40	26	1.82	0.90	7	-8	-1.16	-401
Medium	17.5	30	42	28	1.45	0.84	9	-7	-0.56	-239
Low	8.8	22	43	26	3.18	0.99	9	-10	-1.88	-162

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

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
1947	16.2	33	46	51	1.19	1.35	9	13	1.46	85
1946	18.4	46	42	45	0.79	0.87	12	12	1.03	62
1945	14.1	32	38	37	0.98	0.95	11	6	0.57	-14

Factors from 23 WHEAT Accounts, 1949
(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 enter- prise
			Cost	Returns	Cost	Value		Per acre	Per hour	
	acres	bushels	\$	\$	\$	\$	hours	\$	\$	\$
267	49.9	41	45	80	1.10	1.96	8	45	5.89	1,767
186	48.7	35	44	78	1.05	2.00	9	43	4.54	1,632
382	44.5	24	33	59	0.92	2.00	7	31	4.50	1,177
211	43.0	29	45	60	1.34	1.86	9	23	2.67	656
149	38.4	26	44	60	1.34	1.96	9	21	2.40	611
146	36.0	25	41	49	1.54	1.85	7	18	2.46	283
315	35.8	36	46	72	1.30	2.00	7	31	4.79	896
368	34.4	37	55	63	1.37	1.57	10	16	1.59	257
130	31.6	33	53	74	1.45	2.07	11	30	2.75	655
171	28.9	25	40	51	1.45	1.90	9	17	1.89	317
135	24.3	28	31	52	1.05	1.80	5	25	5.54	507
371	20.0	24	58	45	2.19	1.65	13	0	0.01	-260
380	19.7	35	55	86	1.21	2.08	8	36	4.84	608
324	17.3	40	75	99	1.57	2.18	15	40	2.64	427
200	17.0	36	53	81	1.35	2.12	15	39	2.56	470
174	14.6	29	63	63	1.80	1.80	7	7	1.06	0
309	14.4	42	53	86	1.16	1.94	10	42	4.13	473
170	14.0	34	35	64	1.04	1.87	5	33	6.53	393
288	14.0	40	61	100	1.14	2.10	16	48	2.90	540
331	14.0	21	53	54	1.87	1.89	16	15	0.96	5
145	11.7	36	62	108	1.12	2.40	9	56	6.13	541
383	6.0	22	58	47	2.27	1.76	10	0	-0.03	-67
377	5.0	25	64	51	2.32	1.80	12	-4	-0.31	-65

Averages for 1949, by thirds according to acres of wheat, weighted by farms:

High	41.3	32	44	65	1.24	1.90	8	28	3.60	910
Medium	22.7	32	52	70	1.47	1.97	11	27	2.89	389
Low	11.7	31	56	72	1.59	1.94	11	25	2.67	228

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

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
1947	28.0	28	38	72	1.20	2.45	10	42	4.35	963
1946	23.1	32	34	71	0.98	2.14	10	45	4.33	373
1945	22.2	33	37	59	0.93	1.63	12	31	2.63	510

Factors from MISCELLANEOUS GRAIN Accounts, 1949
(Arranged by acres of grain)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise
			Cost	Returns	Cost	Value		Per acre	Per hour	
			\$	\$	\$	\$		\$	\$	\$
<u>Rye</u>										
170	7.8	17	33	31	1.91	1.75	6	3	0.54	-21
174	4.0	25	74	60	2.17	1.60	5	-9	-1.95	-57
<u>Barley</u>										
146	25.4	22	37	23	1.68	1.07	5	-6	-1.19	-338
135	3.5	52	38	59	0.74	1.15	7	27	4.17	74
<u>Buckwheat</u>										
370	13.0	18	30	26	1.69	1.47	9	3	0.35	-51
376	1.5	13	55	13	4.15	1.00	16	-19	-1.21	-63
<u>Mixed Spring Grain</u>										
359	34.0	31	38	34	1.10	0.95	7	1	0.16	-155
370	14.0	38	48	53	0.81	0.96	10	13	1.37	77

Factors from 24 PASTURE Accounts, 1949
(Arranged by order of cow equivalents)

Farm number	Total acres perman- ent and rotated pasture acres	Cows equiva- lents past- ured	Amount per acre for regular pasture*			Cost per cow equivalent					Total past- ure
			Hours labor	Pounds ferti- lizer	Total cost	After- math pasture	Annual crop pasture	Hired pasture	Net		
									cost of regular pasture*		
			hours	pounds	\$	\$	\$	\$	\$	\$	
375	161.5	112	0.2	1	7	3	--	--	10	13	
188	163.5	89	0.9	1	6	10	--	--	12	22	
359	108.0	58	1.3	0	12	2	7	--	23	32	
316	107.1	54	2.0	250	22	2	--	--	42	44	
331	121.9	48	1.2	0	9	11	5	--	23	39	
344	153.0	46	0.4	39	7	--	--	--	24	24	
211	61.5	44	0.2	0	16	3	4	--	23	30	
377	59.4	43	1.0	0	13	3	3	--	18	24	
281	51.3	42	0.6	19	15	1	--	--	19	20	
382	58.5	40	1.0	105	12	12	--	--	18	30	
130	39.0	40	0.2	0	16	1	--	--	16	17	
288	24.6	40	2.2	0	18	7	--	2	11	20	
370	120.1	38	0.7	0	5	4	--	1	17	22	
149	46.4	37	0.5	43	11	5	--	--	14	19	
380	32.7	34	0.5	0	10	3	--	7	10	20	
309	70.5	33	0.1	3	6	--	24	1	12	37	
324	40.9	33	1.6	0	21	1	1	--	26	28	
165	39.0	32	1.6	103	17	1	5	1	21	28	
139	26.5	31	0.0	0	7	2	--	1	6	9	
354	56.3	30	1.3	0	14	9	7	--	26	42	
200	17.9	26	0.9	0	25	--	33	--	17	50	
145	25.4	23	0.5	0	11	16	--	--	13	29	
202	40.7	17	0.2	0	5	3	--	--	12	15	
338	13.0	16	1.6	0	19	3	--	--	15	18	

* Includes permanent and rotated pasture.