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Individual Factors and
Annual Averages
— *from* —
FARM COST ACCOUNTS
50 Farms -- 1947

New York State College of Agriculture
Department of Agricultural Economics
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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 12 or more farms have been divided into three equal groups according to the size of the enterprises: Largest, medium sized, and smallest.

The averages for each of these groups, shown near the bottom of the following pages, are weighted by farms; that is, each farm is given equal weight in the calculation of the averages. For example, on page 10, the value per cow for the high third was \$173, the average of the 9 figures representing the value per cow on the 9 farms in the group.

The annual averages are weighted by animals or acres rather than by farms. The average value per cow for 1947 of \$172 is the sum of the value of all cows, \$238,669, divided by 1,384, the total number of cows.

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Summary of Returns per Hour of Labor									
Farm Enterprises	1914	1919	1924	1929	1934	1939	1944	1946	1947
	to	to	to	to	to	to			
	1918	1923	1928	1933	1938	1943			
	\$	\$	\$	\$	\$	\$	\$	\$	\$
<u>Livestock:</u>									
Dairy cows	0.30	0.25	0.40	0.14	0.25	0.55	1.17	1.55	1.66
Hens	0.28*	0.84	0.47	0.31	0.29	0.77	0.89	1.27	1.52
Raising chicks	-	-	-	0.46	0.33	0.48	0.32	0.63	0.36
Incubation	-	-	-	-	1.91	2.96	5.37	6.18	4.14
Sheep	-	-	-	-0.73	0.06	0.42	-1.19	1.09	0.89
<u>Fruit:</u>									
Apples	-	0.79	0.79	0.45	0.45	0.85	1.90	2.66	1.49
Cherries	-	-	-	-	0.64	0.88	1.89	3.86	1.82
Peaches	-	-	-	-	0.54	0.56	1.91	1.13	1.04
Pears	-	-	-	-	0.36	1.24	1.32	1.54	1.40
<u>Grain:</u>									
Barley	0.03	-0.28	0.07	-0.34	0.07	-0.03	0.41	4.85	0.84
Corn	0.13	-0.01	-0.13	0.03	0.22	0.58	0.83	2.35	2.63
Oats	0.11	-0.31	0.03	-0.34	-0.02	0.14	0.56	1.03	1.46
Mixed spring grains	-	-	-	-0.30	-0.03	0.36	0.96	1.53	0.49
Wheat	0.58	-0.03	0.20	-0.03	0.47	1.17	1.88	4.33	4.35
Rye	-	-	-	-	-	-	-	-	1.74
<u>Hay:</u>									
Alfalfa	0.82	0.94	0.78	0.31	0.53	1.04	2.19	1.19	1.12
All other hay	0.73	0.66	0.08	-0.01	0.18	0.51	1.33	0.97	1.05
<u>Vegetables:</u>									
Beans, dry	0.12	0.23	-0.06	0.05	0.30	0.59	0.38	3.04	1.72
Cabbage	0.46	0.45	0.49	0.34	0.48	1.08	1.32	0.14	3.07
Corn, sweet	-	-	-	-	0.42	0.49/	0.98/	2.20/	0.45/
Peas, canning-factory	-	-	-	0.21	0.16	0.92	2.68	4.04	3.43
Potatoes	0.49	0.51	0.89	0.52	0.50	1.08	2.46	2.00	2.18
Tomatoes, canning-factory	-	-	-	0.24*	0.41	0.67	0.84	3.02	1.27

* Less than five years.

/ Canning-factory sweet corn only.

Summary, 1947
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	10	32.8	231 bu.	\$2.18	84	\$3,499	\$107
Cabbage	8	11.6	9.4 tons	3.07	97	2,467	212
Tomatoes, C.F.	8	15.2	9.0 tons	1.27	116	566	37
Peas, C.F.	4	10.5	2,899 lbs.	3.43	18	482	46
Beans, dry	7	18.6	15 bu.	1.72	24	413	22
Corn, C.F.	4	11.8	1.7 tons	0.45	16	-74	-6
<u>Fruit</u>							
Apples	18	46.7	220 bu.	1.49	116	2,741	59
Cherries	5	11.4	2,897 lbs.	1.82	131	1,356	119
Peaches	9	6.4	146 bu.	1.04	152	99	15
Pears	4	6.7	80 bu.	1.40	69	224	34
<u>Grain</u>							
Wheat	26	28.0	28 bu.	4.35	10	963	34
Corn for Grain	20	14.1	31 bu.	2.63	13	318	23
Mixed spring grain	7	14.5	28 bu.	0.49	11	-45	-3
Oats	15	16.2	33 bu.	1.46	9	85	5
Barley, spring	5	15.4	16 bu.	0.84	6	1	—
Rye	5	11.7	22 bu.	1.74	11	95	8
<u>Hay</u>							
Alfalfa	12	27.5	2.0 tons	1.12	10	72	3
Other hay	32	36.6	2.2 tons	1.05	8	75	2

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	26	26	9,352 lbs.	\$1.66	115	\$2,810
Hens	23	1,082	191 eggs	1.52	1.47	1,173
Raising chicks	21	1,863*	—	0.36	0.27	-196
Incubation	3	**	**	4.14	1	1,593
Sheep	4	71	1.17 lambs	0.89	5.0	1

* Number of chicks started.

** The average number of eggs set per farm was 69,724 and the per cent hatch 65.

Factors from 50 LABOR Accounts, 1947
(Arranged by man equivalent)

Farm number	No. of men	Total hours per farm	Hours per man	Farm operator Wage per mo.	Privi- leges per mo.	Average cost per month for regular hired men			Cost per hour for help	Averages per cost for all labor	Average cost per man
						Wage and privi- leges	wage and board	wage only			
		hours	hours	\$	\$	\$	\$	\$	\$	\$	\$
192	13.7	37,593	2,744	323	49	372	---	175	1.10	1.05	2,882
339	10.8	30,307	2,806	193	33	---	---	---	0.90	0.92	2,586
174	10.8	29,070	2,692	208	59	154	159	221	0.76	0.88	2,370
170	10.6	25,621	2,417	175	36	169	---	187	1.14	1.03	2,496
366	8.0	18,251	2,281	270	28	---	---	127	0.94	1.00	2,286
315	7.8	20,178	2,587	200	46	196	---	---	0.89	0.97	2,521
267	7.6	17,931	2,359	133	28	161	---	---	0.99	1.01	2,384
316	7.5	24,782	3,304	200	88	220	---	181	0.71	0.82	2,714
185	5.6	12,075	2,156	199	46	212	---	151	0.68	1.05	2,272
378	5.5	14,993	2,726	208	49	176	---	---	0.80	0.87	2,374
186	5.1	12,651	2,481	167	59	190	---	---	0.57	0.88	2,171
383	4.8	12,690	2,644	225	54	164	---	---	0.82	0.95	2,511
368	4.7	11,626	2,474	167	47	183	---	---	0.70	0.84	2,071
340	4.6	11,826	2,571	200	46	151	---	109	0.91	0.85	2,187
359	4.5	12,011	2,669	127	30	157	---	---	0.71	0.71	1,901
149	4.4	16,208	3,684	100	33	133	---	---	0.74	0.51	1,886
345	4.2	11,786	2,806	161	94	171	---	---	0.69	0.90	2,523
188	4.1	13,781	3,361	200	49	203	---	---	0.65	0.76	2,553
130	3.9	11,597	2,974	154	59	157	---	133	0.65	0.68	2,011
375	3.8	10,723	2,822	167	48	188	---	152	0.63	0.80	2,252
324	3.8	9,245	2,433	125	70	191	---	---	0.71	0.84	2,049
331	3.8	8,756	2,304	100	36	---	---	---	0.64	0.71	1,645
165	3.6	11,521	3,200	200	61	203	---	---	0.84	0.82	2,639
344	3.6	11,074	3,076	167	53	187	---	---	0.82	0.78	2,388
376	3.6	7,775	2,160	167	44	---	---	---	0.83	1.19	2,566
211	3.2	7,851	2,453	127	73	160	---	---	0.68	0.85	2,093
370	3.0	7,691	2,564	200	54	---	139	120	1.05	0.84	2,146
200	2.7	8,602	3,186	167	52	172	---	---	0.66	0.70	2,220
310	2.7	7,759	2,874	100	108	---	---	118	0.51	0.63	1,817
377	2.6	8,288	3,188	150	78	148	---	---	0.51	0.69	2,195
371	2.6	6,412	2,466	150	88	---	---	173	0.69	0.89	2,194
166	2.6	6,334	2,436	175	65	203	---	---	0.82	1.01	2,461
355	2.5	9,962	3,985	200	72	191	125	---	0.51	0.62	2,471
380	2.5	7,052	2,821	167	86	---	122	---	0.69	0.76	2,132
288	2.4	9,896	4,123	150	73	185	---	---	0.60	0.56	2,291
139	2.3	8,175	3,554	167	78	76	---	68	---	0.50	1,792
171	2.3	5,473	2,380	133	45	---	---	---	0.84	0.74	1,770
354	2.2	6,667	3,030	100	76	---	105	---	---	0.54	1,627
379	2.2	5,648	2,567	150	84	---	122	---	0.64	0.83	2,144
146	2.2	4,451	2,023	200	45	184	---	---	0.48	1.08	2,188

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Factors from 50 LABOR Accounts, 1947
- continued -

Farm number	No. of men	Total hours per farm	Hours per man	Average cost per month for regular hired men				Cost per hour for help	Average cost per hour for all labor	Average cost per man
				Farm operator wage per mo. \$	privi- leges per mo. \$	wage and privi- leges \$	wage and board \$			
281	2.1	7,713	3,673	167	92	---	---	0.42	0.67	2,472
362	2.1	6,467	3,080	250	80	189	---	0.59	0.97	2,987
382	2.1	6,082	2,896	200	82	118	---	0.79	0.83	2,415
145	1.9	4,708	2,478	100	88	---	---	0.62	0.79	1,952
309	1.7	4,620	2,718	150	51	174	---	0.57	0.83	2,243
373	1.6	4,034	2,521	250	61	---	217	0.64	1.27	3,209
381	1.5	5,147	3,431	125	37	---	124	---	0.51	1,747
202	1.4	3,437	2,455	69	52	---	---	0.58	0.58	1,426
135	1.4	2,314	1,653	100	76	---	107	0.95	1.16	1,926
338	1.2	3,561	2,968	100	49	---	---	0.75	0.60	1,793

Averages for 1947, by thirds according to number of men, weighted by farms:

High	7.1	18,800	2,671	192	49	187	159	164	0.83	0.90	2,361
Medium	3.2	9,084	2,841	160	64	182	129	139	0.70	0.80	2,225
Low	1.9	5,525	2,847	151	67	154	138	111	0.65	0.78	2,124

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

1947	4.1	11,248	2,738	138	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
1944	3.6	10,369	2,914	136	53	142	110	103	0.61	0.63	1,836
1943	3.8	11,260	2,992	124	50	123	97	107	0.46	0.53	1,594
1942	3.6	10,719	2,958	91	45	108	85	78	0.41	0.43	1,271

Factors from 19 HORSE Accounts, 1947
(Arranged by hours worked per horse)

Farm number	Horses per farm	Average per horse				Cost of feed and bedding	Cost per hour
		hours worked	value	grain	hay		
		hours	\$	pounds	tons	\$	\$
139	2.0	1,164	150	1,390	3.0	150	22
281	2.0	781	132	1,084	5.0	135	33
370	3.0	519	183	267	1.7	50	41
355	2.0	480	100	1,700	4.5	142	61
377	4.0	478	89	1,859	3.0	118	44
309	2.0	471	113	640	1.5	56	31
170	4.0	455	131	500	3.0	92	35
185	3.9	436	190	269	2.8	83	40
315	2.0	416	85	---	2.0	30	22
344	3.0	361	98	2,607	3.0	114	81
338	2.0	356	125	602	3.0	76	33
149	7.0	343	144	433	2.6	48	43
130	2.0	306	100	1,056	3.0	76	36
174	4.0	294	100	2,006	2.0	118	73
200	2.0	292	165	350	4.0	88	61
202	3.0	240	77	107	1.7	27	39
316	2.0	222	22	400	1.0	49	59
345	2.0	196	75	400	4.0	95	120
324	2.7	177	75	1,000	2.2	101	87

Averages for 1947, by thirds according to hours worked per horse, weighted by farms:

High	3.3	621	128	1,063	3.1	106	38
Medium	2.7	370	124	828	2.7	71	42
Low	2.6	237	86	710	2.5	80	73

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

1947	2.9	407	118	887	2.7	85	45
1946	2.7	447	129	951	3.0	85	41
1944	2.7	440	126	1,178	3.2	97	44
1943	2.9	516	128	1,378	3.1	83	32
1942	2.8	510	126	1,492	3.0	76	28

* Farms with rates in excess of \$1.25 per hour were not included. In reviewing the situation on these farms it was concluded that the operators kept horses for reasons other than for power.

Factors from 60 TRACTOR Accounts, 1947
(Arranged by hours of use)

Farm number	Size of each tractor*	Annual cost per tractor					Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
		Average value	depre- ciation and cash repairs	Fuel and oil	All other	Total cost			
		\$	\$	\$	\$	\$	gallons	hours	\$
192	2,3	2,169	376	121	191	688	0.8	930	0.74
371	2	750	223	222	264	709	1.4	899	0.79
316	2	775	159	371	101	631	1.7	897	0.70
380	3	950	137	209	163	509	1.4	895	0.57
379	2	811	102	146	62	310	0.9	863	0.36
316	3	288	88	318	139	545	1.5	843	0.65
316	3	238	192	240	94	526	1.6	834	0.63
130	2,2	625	35	127	121	283	1.9	770	0.38
339	3,3	2,372	140	100	148	388	0.8	762	0.51
165	3,3	886	154	170	154	478	1.4	738	0.65
354	2	800	45	164	51	260	1.3	731	0.36
382	2,2	494	144	130	36	310	1.2	704	0.44
366	2,3	1,135	2	128	136	266	1.0	702	0.38
186	2,2,2	417	120	183	77	380	1.6	700	0.54
188	2	1,025	98	207	242	547	1.4	690	0.79
211	2,2,3	883	118	273	67	458	2.2	683	0.67
359	2	500	36	172	72	280	1.4	670	0.42
166	2,3	656	144	99	84	327	1.3	640	0.51
267	3,2,2	1,100	21	158	97	276	1.2	636	0.43
368	2,3	675	114	160	64	338	1.7	629	0.54
135	2	400	82	201	163	446	2.1	626	0.71
362	2,2,1	688	186	70	48	304	0.6	614	0.50
383	2	444	4	46	202	252	0.7	611	0.41
288	1,3	442	130	100	38	268	1.0	602	0.44
315	2	838	163	214	140	517	2.1	598	0.86
359	2	500	69	52	84	205	1.3	585	0.35
149	2	1,478	248	133	132	513	1.8	584	0.88
171	2,3	788	94	119	158	371	1.1	579	0.64
315	2	345	33	190	56	279	1.9	572	0.49
200	2	800	---	77	111	188	0.9	564	0.33
376	2	850	195	39	110	344	0.5	552	0.62
324	1,2	649	141	90	103	334	1.1	549	0.61
309	2	775	78	166	61	305	1.4	547	0.56
146	3,1	938	32	136	128	296	1.3	540	0.55
345	2	390	143	119	53	315	1.5	516	0.61
378	3,3	475	187	112	121	420	1.4	510	0.82
340	2	75	50	61	32	143	0.9	477	0.30
344	2	300	20	110	83	213	1.4	476	0.45
200	3	300	75	92	58	225	1.4	464	0.48
174	2,2,2	858	122	184	117	423	2.1	460	0.92
344	3	1,100	261	148	89	498	2.2	425	1.17
281	3	1,125	161	63	91	315	0.9	418	0.75

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Factors from 60 TRACTOR Accounts, 1947

- continued -

Farm number	Size of tractor*	Annual cost per tractor					Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
		Average value	Depreciation and cash repairs	Fuel and oil	All other	Total cost			
		\$	\$	\$	\$	\$	gallons	hours	\$
170	2,2,2,2	1,591	137	101	86	324	1.4	412	0.79
370	2	760	228	108	141	477	1.4	408	1.17
331	3,2,3,2	600	80	90	43	213	1.7	372	0.57
375	2,3,2	1,179	59	90	56	205	1.2	347	0.59
145	2	212	36	72	51	159	1.3	345	0.46
383	2	1,134	144	57	116	317	0.9	344	0.92
202	2	688	158	103	87	348	1.7	341	1.02
373	1	1,140	286	99	99	484	1.4	338	1.43
377	2,1	740	9	80	82	171	1.4	330	0.52
188	3	900	134	196	182	512	3.0	304	1.68
371	1	158	39	56	66	161	1.0	303	0.53
376	2	150	37	53	35	125	1.4	291	0.43
340	1	75	30	27	4	61	0.6	282	0.22
188	1	550	121	58	58	237	1.0	278	0.85
383	3	1,034	76	43	85	204	1.5	248	0.82
310	3,2	136	20	68	19	107	1.4	228	0.47
355	2	425	64	59	33	156	1.8	217	0.72
170	1	25	102	45	13	160	1.5	200	0.80

Averages for 1947, by thirds according to hours of use per tractor, weighted by farms:

High	877	122	185	118	425	1.4	761	0.55
Medium	617	102	116	100	318	1.3	551	0.58
Low	686	109	81	72	262	1.4	322	0.80

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

1947	690	111	128	92	331	1.3	553	0.60
1946	608	103	131	90	324	1.3	639	0.51
1944	594	90	93	77	260	1.4	530	0.54
1943	575	84	113	62	259	1.3	547	0.47
1942	609	89	113	58	260	1.5	502	0.52

* The figures indicate the size of each tractor in terms of the number of plow shares usually pulled. Of the 94 tractors, 10 were one-plow, 57 two-plow, and 27 three-plow. Farms 130, 146, 165, 170, 171, 174, 186, 192, 211, 267, 288, 310, 324, 331, 339, 362, 366, 368, 375, 377, 378, 379, 382 had more than one tractor, but the cost records were not separated by machines. Farms 188, 200, 315, 316, 340, 344, 359, 371, 376, 383 had two or three tractors but had separate accounts for each tractor.

Factors from 46 TRUCK Accounts, 1947
(Arranged by cost per truck)

Farm number	Size of 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	¢
149	L	2,401	513	362	331	1,206	12,135	7	9.9
186	L	1,600	488	185	447	1,120	11,800	13	9.5
344	L	600	334	157	247	738	9,000	12	8.2
170	L,L,L	1,514	292	112	241	645	4,524	8	14.3
316	S	250	151	309	182	642	10,038	8	6.4
373	S	300	247	181	139	567	11,500	12	4.9
315	L	525	5	185	343	538	7,190	8	7.5
316	L	200	230	121	173	524	3,310	7	15.8
376	S	412	198	184	139	521	8,100	9	6.4
276	L	750	35	78	377	490	3,926	11	12.5
192	L,L,S	266	222	115	137	474	-----*	---	---
211	L	325	186	122	141	449	1,177	2	38.1
174	L,L,L,S	776	200	97	149	446	5,338	10	8.4
376	L	300	109	199	120	428	3,655	4	11.7
383	S	122	215	57	126	398	6,655	21	6.0
382	S	288	152	135	109	396	7,400	11	5.4
145	S	462	171	108	109	388	6,922	12	5.6
146	S	950	101	132	147	380	6,694	12	5.7
380	L	250	152	64	157	373	3,200	8	11.7
368	L	1,800	---	196	172	368	7,500	8	4.9
267	S	850	120	126	113	359	-----*	---	---
338	S	450	117	92	133	342	5,355	14	6.4
166	S	192	118	96	124	338	3,651	8	9.3
188	L	650	152	48	136	336	1,160	5	29.0
165	S	260	123	88	118	329	4,216	10	7.8
371	L	162	82	45	198	325	1,626	8	20.0
331	L	525	136	51	136	323	1,916	8	16.9
171	L	1,475	57	67	163	287	3,315	10	8.7
383	L	369	114	48	117	279	3,980	15	7.0
188	S	375	91	65	115	271	3,425	11	7.9
378	L	85	88	38	130	256	2,028	12	12.6
188	L	500	143	53	57	253	805	3	31.4
130	L	175	24	78	143	245	2,709	8	9.0
315	S	238	42	60	116	218	-----*	---	---
281	S	225	87	48	83	218	2,520	10	8.7
340	S	75	69	57	80	206	3,250	11	6.3
316	L	375	98	58	50	206	634	3	32.5
362	L	125	31	55	102	188	-----*	---	---
135	S	200	83	58	39	180	4,300	15	4.2
139	L	200	8	58	75	141	2,118	7	6.7
377	L,L	262	18	38	73	129	488	3	26.3
145	L	270	97	9	20	126	-----*	---	---
366	L,L,L	200	---	35	67	102	-----*	---	---

- continued -

Factors from 46 TRUCK Accounts, 1947
- 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 repairs	fuel and cash oil	all other	total cost			
		\$	\$	\$	\$	\$	miles	miles	\$
324	L	75	---	16	68	84	-----*	--	----
344	L	175	6	28	43	77	-----*	--	----
370	L,S	138	9	10	13	32	301	6	10.5

Averages for 1947, by thirds according to cost per truck, weighted by farms:

High	664	224	162	213	599	7,050	10	11.0
Medium	590	108	84	138	330	3,928	10	11.0
Low	216	47	44	69	160	1,903	7	15.1

Annual averages, all trucks weighted by number of trucks:

1947	495	133	94	139	366	4,527	9**	8.9**
1946	386	112	76	109	297	3,468	7	9.1
1944	261	60	72	97	229	3,897	9	6.5
1943	288	79	74	95	248	4,035	10	6.7
1942	302	78	78	95	251	5,098	10	5.5

* Mileage unknown

** Based on 45 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.

Six farms had 1 account for 2 or more trucks. Five farms had 2 trucks with a separate account for each truck. Two farms had 3 trucks with a separate account for each truck. Two farms had 3 trucks with a separate account for each truck. The 16 small trucks with know mileage were driven an average of 6,624 miles at a cost of \$439 or 6.6 cents per mile. The 29 large trucks were driven 3,370 miles at a cost of \$478 or 14.2 cents per mile.

Factors from 26 DAIRY Accounts, 1947
(Arranged by number of cows)

Farm number	Size of herd cows	Value per cow \$	Feed per cow			Cost of feed and bedding per cow \$	Depreciation per cow \$	Average per 100 pounds of milk	
			grain pounds	hay tons	silage tons			cost \$	value \$
188	71.5	171	2,915	2.1	4.7	213	1*	3.61	4.44
375	38.2	134	3,194	2.5	5.2	214	--	3.08	4.26
359	37.9	129	3,965	3.1	6.6	237	19*	3.54	5.00
344	36.5	190	2,508	3.3	5.9	210	29*	2.81	4.48
331	35.5	228	2,881	2.9	4.5	237	32	3.28	4.32
316	34.7	112	2,595	1.4	4.0	221	5*	4.65	5.43
362	33.2	202	2,616	3.0	4.6	249	8	3.92	5.49
281	31.1	248	4,906	1.8	7.3	279	27	3.63	4.49
288	29.6	139	2,919	1.7	4.6	192	1*	4.07	5.18
355	29.2	163	2,801	2.3	5.5	189	9	3.42	4.57
370	28.7	222	2,924	2.7	5.1	224	13	3.86	4.72
130	25.5	151	3,751	4.4	3.2	225	3*	3.40	4.86
377	24.9	267	5,526	3.0	8.3	313	17*	3.87	4.49
382	24.2	165	2,634	2.9	6.0	191	47	3.37	4.24
309	23.9	151	2,466	2.6	2.5	213	15*	2.84	4.62
149	23.3	141	2,795	2.3	4.6	192	71	2.90	4.65
354	22.8	167	2,537	2.9	---	213	1	3.83	4.62
324	21.4	137	4,502	2.0	5.7	290	12*	3.41	4.39
165	20.4	110	2,415	1.8	5.7	177	12*	3.15	4.67
139	16.9	320	5,947	2.8	5.0	346	35*	3.58	4.94
373	16.3	116	2,929	3.1	1.9	219	11	4.35	4.26
145	16.1	123	1,503	2.4	4.6	156	19*	4.01	6.18
200	14.7	157	996	2.3	3.9	134	1*	4.03	4.67
202	10.2	168	2,128	2.3	1.7	124	13	5.01	5.36
380	9.5	190	3,784	3.6	2.7	199	59*	2.93	4.64
338	9.2	156	2,864	3.6	---	216	8*	3.22	4.78

Averages for 1947, by thirds according to number of cows, weighted by farms:

High	38.7	173	3,167	2.4	5.3	228	1	3.62	4.79
Medium	24.9	174	3,326	2.8	4.5	228	5*	3.43	4.57
Low	14.2	167	2,821	2.7	3.2	196	14*	3.78	4.94

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

1947	26.4	172	3,139	2.6	4.7	222	3*	3.53	4.67
1946	25.1	164	3,079	2.6	4.9	200	13	3.50	4.69
1944	23.3	153	3,042	2.6	4.9	168	11	3.20	4.02
1943	23.9	144	2,770	2.7	4.5	143	0	2.88	3.43
1942	22.1	126	2,748	2.5	4.2	123	9*	2.19	2.82

* Indicates appreciation per cow.

33 55 100
34 58 109

Factors from 26 DAIRY Accounts, 1947
(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 \$			
88	3.7	349	422	73	163	1.38	119	5,236	188
106	3.3	354	478	124	211	1.95	108	4,759	375
100	3.7	416	562	146	249	1.74	143	5,563	359
109	3.7	368	550	182	270	2.31	117	6,653	344
105	3.4	382	491	109	163	2.16	76	3,874	331
66	5.0	355	407	52	124	1.21	103	1,787	316
87	3.5	383	520	137	225	2.50	90	4,534	362
121	3.5	494	598	104	200	1.40	142	3,229	281
69	4.9	311	387	76	149	1.12	133	2,247	288
88	3.6	336	438	102	184	1.38	134	2,955	355
97	3.5	407	491	84	181	1.54	118	2,398	370
95	3.6	363	502	139	204	2.12	96	3,534	130
115	3.8	532	602	70	182	1.13	160	1,762	377
102	3.8	368	456	88	168	1.77	95	2,148	382
96	3.3	342	513	171	237	2.95	80	4,089	309
77	3.6	314	450	136	195	1.69	116	3,163	149
78	3.5	330	391	61	118	1.08	110	1,400	354
119	3.4	453	570	117	218	1.81	120	2,496	324
94	3.8	341	482	141	233	2.18	107	2,884	165
118	3.6	504	665	161	241	1.55	155	2,717	139
101	3.4	462	453	-9	151	1.21	125	-144	373
57	5.1	262	387	125	180	2.59	69	2,014	145
61	3.5	262	301	39	113	1.07	105	576	200
56	4.5	306	324	18	103	.72	144	200	202
93	3.2	371	530	159	242	2.18	111	1,508	380
102	3.6	370	530	160	238	1.83	130	1,465	338

Averages for 1947, by thirds according to number of cows, weighted by farms:

94	3.9	379	491	112	195	1.75	115	4,209	High
96	3.5	383	490	107	187	1.72	114	2,661	Medium
85	3.8	360	459	99	188	1.67	118	1,420	Low

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

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
87	3.7	303	374	71	139	1.17	119	1,656	1944
81	3.8	256	301	45	107	0.84	127	1,076	1943
86	3.7	218	273	55	103	0.82	125	1,206	1942

11.2
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Factors from 25 HEIFER Accounts, 1947
(Arranged by number of heifers)

Farm number	Number of heifers**	Average age end of years***	Heifer equivalent raised****	Average per heifer	
	heifers	months	number	cost/\$	value
331	54	17	15.1	426	174
188	54	17	16.4	279	175
375	40	18	11.1	213	150
316	39	19	12.0	446	117
377	34	16	10.0	331	244
139	34	15	10.4	319	312
359	33	16	9.3	477	140
362	29	15	9.1	259	181
355	25	12	6.5	292	150
370	25	17	6.5	310	193
344	25	17	8.2	332	217
382	23	12	7.9	281	---*
288	23	21	7.3	184	128
281	23	15	5.4	416	261
324	22	14	6.1	340	150
373	21	16	6.3	230	254
149	19	21	4.9	253	169
309	18	16	6.3	215	155
202	17	17	3.9	181	89
145	15	21	3.6	250	81
165	14	16	4.3	232	150
130	14	15	4.8	256	150
200	10	16	2.1	259	225
354	8	12	2.4	272	150
338	5	19	2.0	310	150

Averages for 1947, by thirds according to number of heifers, weighted by farms:

High	38	16	11.1	338	183
Medium	23	17	6.6	293	172
Low	13	16	3.7	247	144

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

1947	25	17	7.3	313	174
1946	25	17	7.0	285	163
1944	24	18	6.6	246	151
1943	23	17	6.8	197	143
1942	24	18	6.5	169	129

* None freshened during the year. ** 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 23 HEN Accounts, 1947
(Arranged by number of birds)

Farm number	Size of flock birds	Eggs per hen eggs	Average per bird					
			grain fed pounds	mash fed pounds	cost all feed \$	depre- ciation \$	total cost \$	total returns \$
375	3,941	211	70	47	5.61	1.45	8.01	9.58
345	3,080	196	42	61	4.68	0.78	7.26	9.10
368	2,910	162	36	74	4.90	1.48	8.19	8.29
310	2,179	184	44	61	4.51	1.33	8.14	8.85
371	1,562	218	54	75	5.83	1.41	9.39	10.90
171	1,221	158	61	40	3.98	0.52	5.74	7.07
186	1,029	198	54	66	4.72	0.64	8.03	9.50
338	1,006	215	50	46	4.61	1.39	7.15	10.06
146	897	183	63	38	4.74	0.96	7.21	8.44
324	804	208	53	47	4.33	1.11	7.15	9.80
145	790	137	67	39	5.06	0.70	7.67	5.55
354	760	266	64	71	6.87	0.35	8.93	11.89
355	695	208	58	55	5.17	0.17	7.36	9.65
373	606	177	48	55	4.55	0.60	7.14	8.16
174	508	173	72	79	6.94	1.10	10.74	8.80
211	496	118	60	51	4.81	1.74	10.12	5.53
165	490	186	50	56	4.66	0.27*	6.48	8.29
382	431	185	39	51	5.45	0.74	7.99	8.34
139	358	181	58	57	4.87	0.65	7.85	8.24
130	312	221	46	51	4.36	0.54	8.32	9.92
149	302	141	34	60	4.57	1.69	8.21	6.24
309	270	200	46	69	5.15	0.34	7.53	9.64
288	230	232	53	48	4.77	0.67	8.21	10.70

Averages for 1947, by thirds according to number of birds, weighted by farms:

High	2,116	193	51	59	4.86	1.12	7.74	9.17
Medium	694	184	61	54	5.31	0.84	8.29	8.48
Low	342	192	47	56	4.83	0.62	7.80	8.77

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

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
1944	936	174	59	50	3.31	0.49	5.46	5.97
1943	921	161	54	45	2.68	0.46	4.57	5.85
1942	935	166	57	46	2.42	0.30	3.92	5.30

* Indicates appreciation per hen.

Factors from 23 HEN Accounts, 1947
(Read across both pages)

Per dozen eggs		Per 100 birds		Return per hour of labor	Mortal- ity	Profit on enter- prise	Farm number
Cost	Value	labor returns	labor hours	\$	percent	\$	
¢	¢	\$	hours	\$	percent	\$	
46	54	218	76	2.86	13	6,193	375
44	55	293	122	2.41	21	5,662	345
66	67	132	145	0.91	27	284	368
54	59	219	235	0.93	36	1,555	310
51	60	256	117	2.18	24	2,370	371
44	54	215	111	1.94	15	1,625	171
48	57	340	219	1.55	25	1,515	186
40	56	351	100	3.52	17	2,924	338
46	55	238	106	2.24	23	1,104	146
40	55	393	151	2.59	21	2,130	324
66	48	-79	169	-0.47	31	-1,677	145
42	56	375	148	2.53	7	2,246	354
42	55	349	192	1.82	16	1,596	355
48	55	236	104	2.26	11	622	373
73	60	-16	192	-0.08	49	-983	174
101	55	-201	304	-0.66	77	-2,276	211
41	51	270	134	2.01	14	756	165
51	53	134	118	1.13	9	151	382
57	60	182	277	0.66	10	138	139
45	54	399	353	1.13	25	498	130
69	53	-87	211	-0.41	2	-596	149
44	57	324	137	2.36	20	569	309
41	54	443	353	1.25	27	572	288

Averages for 1947, by thirds according to number of birds, weighted by farms:

49	58	253	141	2.04	22	2,766	High
57	55	162	171	1.28	29	345	Medium
50	55	238	226	1.16	15	298	Low

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

50	57	224	147	1.52	22	1,173	1947
44	50	200	157	1.27	18	801	1946
38	41	149	161	0.89	23	476	1944
34	44	211	163	1.29	27	1,184	1943
28	38	202	162	1.25	23	1,238	1942

Factors from 21 CHICK Accounts, 1947
(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 sold	Broilers	Died	feed	labor		cost	value			
	number	%	%	%	pounds	hours	\$	\$	\$	\$	\$	
Day-old sexed pullet chicks:												
375	6,240	82	*	18	2,917	13	35	2.39	2.09	1.20	-1,560	
368	3,344	88	1	11	3,495	34	37	2.90	2.96	1.00	177	
310	3,000	72	12	16	3,500	23	39	2.78	1.99	-1.84	-1,700	
371	2,975	91	*	9	3,203	33	27	2.05	2.50	2.09	1,221	
355	1,221	94	1	5	2,416	28	23	1.68	2.25	2.54	654	
171	1,200	79	3	18	2,098	29	37	2.19	1.50	-1.17	-657	
146	1,000	88	*	12	2,565	25	34	1.90	1.75	0.54	-135	
149	1,000	66	1	33	1,840	71	32	2.79	2.00	-0.22	-523	
338	932	86	6	8	2,339	32	33	1.80	2.34	2.15	463	
324	800	91	4	5	2,072	17	35	1.66	2.00	2.69	248	
288	600	79	2	19	3,158	84	36	2.72	2.00	-0.12	-339	
130	300	78	5	17	1,900	57	34	2.17	2.00	0.45	-66	
373	350	87	*	13	1,843	28	35	2.08	2.00	1.02	-25	
Day-old straight-run chicks:												
354	2,800	47	44	9	2,349	22	16	1.74	2.00	1.09	338	
211	2,000	40	34	26	1,772	25	23	2.74	1.25	-1.60	-1,200	
139	1,562	22	28	50	1,198	25	18	3.49	1.98	-0.78	-516	
309	500	55	22	23	2,326	33	25	2.30	1.75	-0.07	-149	
380	400	19	69	12	1,233	66	28	2.00	2.75	0.97	57	
Miscellaneous chicks:												
345	4,800	59	39	2	2,138	19	23	1.82	2.00	1.45	501	
186	2,300	48	24	28	1,378	27	44	2.08	1.25	0.58	-908	
174	1,600	64	25	11	1,762	27	27	1.75	1.75	0.93	3	
Annual averages, all farms, weighted by number of birds:												
1947	1,863	69	16	15	2,480	27	30	2.26	2.11	0.36	-196	
1946	2,088	60	18	22	1,953	25	26	1.97	1.95	0.63	-34	
1944	2,292	55	23	22	1,920	22	23	1.66	1.54	0.32	-138	
1943	1,922	54	28	18	1,888	32	21	1.38	1.62	0.87	215	
1942	2,451	53	31	16	1,495	25	19	1.18	1.28	0.57	107	

* Less than 1%.

Factors from 3 INCUBATION Accounts, 1947
(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 enterprise \$
				net cost \$	value \$	labor returns \$	labor hours		
368	142,522	6.9	66	12.55	16.54	4.55	0.7	6.89	3,763
310	49,050	6.0	60	14.62	16.17	2.91	2.2	1.35	455
139	17,600	6.0	67	11.38	16.11	5.35	1.2	4.52	561
Annual averages, all farms:									
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
1944	42,189	5.6	59	12.22	18.32	7.00	1.3	5.37	1,524
1943	72,288	5.1	66	9.77	15.88	6.72	1.2	5.84	2,895
1942	32,533	4.4	71	9.10	13.62	5.26	1.9	2.79	1,045

Factors from 4 SHEEP Accounts, 1947
(Arranged by number of sheep)

Farm number	Average number Sheep	Lamb crop %	Average per sheep					Return per hour of labor \$	Profit on enterprise \$
			Grain pounds	hay pounds	silage pounds	Pasture cost \$	wool lbs.		
368	125	136	157	400	336	4.52	9.1	7.0	1.52
315	63	49	112	317	159	2.08	6.4	3.2	-2.61
135	61	103	26	1,147	---	1.46	8.5	1.8	-0.94
379	33	128	17	303	---	3.21	7.2	6.7	2.55
Annual averages, all farms:									
1947	71	117	102	532	184	3.16	8.3	5.0	0.89
1946	70	110	152	462	319	4.22	7.5	4.6	1.09
1944	84	95	279	529	281	2.27	7.6	5.2	-1.19
1943	79	111	162	550	153	2.43	7.7	6.1	0.53
1942	80	94	108	438	71	1.16	8.1	4.3	1.10

Factors from 10 POTATO Accounts, 1947
(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 \$	spray and dust \$	growing \$	cost \$	value \$			
267	84.9	155	27	14	115	1.33	1.66	74	1.71	4,312
165	54.7	317	32	6	125	0.62	1.36	80	3.75	12,857
166	47.4	265	36	10	155	0.90	1.27	79	2.19	4,638
316	44.6	265	65	31	202	1.36	1.82	103	2.03	5,437
186	42.2	200	26	12	131	1.14	1.59	82	1.99	3,775
344	20.0	314	43	19	157	1.01	1.50	116	2.21	3,113
146	15.0	121	27	32	140	1.63	1.65	59	1.13	39
130	9.5	172	12	12	119	0.90	1.01	73	0.92	192
324	5.5	400	43	5	207	0.86	1.26	137	2.02	887
149	4.3	93	37	4	131	1.87	1.22	74	-0.30	-257
Annual averages, all farms, weighted by number of acres:										
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
1944	31.0	265	29	9	122	0.73	1.35	92	2.46	5,070
1943	27.7	202	22	8	109	0.81	1.34	89	1.77	2,981
1942	27.4	280	21	10	87	0.50	0.89	95	1.60	3,009

Factors from 8 CABBAGE Accounts, 1947
(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 \$	cost \$	value \$		per acre \$	per hour \$	
315	22.6	6.7	168	255	25.21	38.21	97	184	1.89	1,958
170	20.2	15.0	299	619	19.89	41.19	114	438	3.84	6,461
211	14.9	2.9	122	202	41.67	68.94	85	152	1.79	1,189
380	11.3	17.2	172	463	10.00	26.92	92	361	3.91	3,291
149	10.0	4.0	134	316	33.33	79.55	75	222	2.95	1,830
174	9.2	12.8	333	794	25.93	61.92	113	565	4.99	4,247
200	2.5	6.5	138	305	21.17	46.75	111	245	2.20	417
171	2.5	5.6	140	277	25.25	49.86	71	190	2.66	342
Annual averages, all farms, weighted by number of acres:										
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
1944	9.9	5.8	144	202	24.57	34.57	92	122	1.32	577
1943	11.7	10.6	137	357	12.85	33.63	106	279	2.64	2,565
1942	10.8	11.8	104	139	8.74	11.69	104	80	0.77	378

Factors from 7 DRY BEAN Accounts, 1947
(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 enterprise
			cost	returns	net cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	\$
379	33.9	14	57	62	3.90	4.24	21	23	1.06	164
202	22.5	3	39	15	14.28	5.26	19	-14	-0.72	-550
130	22.1	13	62	76	4.63	5.66	18	26	1.43	306
135	16.6	14	83	113	5.79	7.96	20	53	2.64	497
377	16.0	28	111	170	3.88	6.00	35	82	2.38	934
211	15.0	26	78	161	3.05	6.26	36	113	3.16	1,238
316	4.0	23	71	146	3.10	6.37	33	103	3.11	301
Annual averages, all farms, weighted by acres of beans:										
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
1944	11.6	10	43	42	4.03	3.97	29	11	0.38	-7
1943	14.1	17	48	60	2.59	3.28	37	30	0.81	166
1942	16.9	18	37	50	1.96	2.69	25	24	0.95	222

Factors from 4 CANNING-FACTORY PEA Accounts, 1947
(Arranged by acres of peas)

Farm number	Peas grown acres	Yield of shelled peas pounds	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enterprise
			cost	returns	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	\$
368	14.0	3,062	70	127	45.90	82.88	14	69	4.85	793
186	12.0	3,033	74	113	48.52	74.62	22	59	2.71	475
146	12.0	2,881	76	129	52.52	89.59	20	75	3.78	641
200	4.0	1,978	72	77	72.98	77.53	18	17	0.94	18
Annual averages, all farms, weighted by acres of peas:										
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
1944	10.3	2,368	65	103	54.64	86.66	18	49	2.68	390
1943	16.1	1,318	52	58	78.50	86.87	12	11	0.96	89
1942	10.9	2,199	50	79	45.85	72.26	19	37	1.97	317

Factors from CANNING-FACTORY TOMATO Accounts, 1947
(Arranged by acres of tomatoes)

(Arranged by acres of tomatoes)										
Farm number	Tomatoes acres grown	Yield per acre tons	Average		Average		Labor per acre hours	Labor returns		Profit on enter- prise
			per acre		per ton			per acre	per hour	
			cost	returns	cost	value				
			\$	\$	\$	\$				
170	41.8	9.3	282	271	30.19	29.00	119	112	0.94	-464
315	26.0	11.0	220	305	19.99	27.66	120	214	1.79	2,197
149	16.2	7.6	200	218	26.37	28.84	131	88	0.67	302
376	14.0	6.9	248	269	36.01	39.01	110	158	1.43	289
200	13.9	9.4	129	295	13.81	31.55	85	225	2.66	2,307
211	5.5	7.9	200	207	25.19	26.01	113	108	0.96	36
130	2.5	5.4	248	180	45.73	33.06	167	45	0.27	-172
186	2.0	4.4	120	138	27.00	30.93	81	82	1.02	35
Annual averages, all farms, weighted by acres of tomatoes:										
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
1944	13.1	6.8	166	174	24.49	25.61	103	86	0.84	99
1943	10.8	9.5	162	238	17.12	25.20	125	154	1.24	822
1942	10.7	10.2	150	197	14.74	19.42	164	132	0.75	510

Factors from 4 CANNING-FACTORY CORN Accounts, 1947
(Arranged by acres of corn)

(Arranged by acres of corn)										
Farm number	Corn acres grown	Yield per acre	Average		Average		Labor per acre	Labor returns		Profit on enter- prise
			per acre	per ton	per ton	per hour				
			cost	returns	cost	value		per acre	per hour	
	acres	tons	\$	\$	\$	\$	hours	\$	\$	\$
380	25.7	2.1	56	52	27.05	25.14	20	14	0.66	-101
379	13.3	1.2	46	32	39.55	27.48	11	-5	0.45	-187
146	5.0	1.3	37	36	28.57	27.50	3	2	0.65	- 7
382	3.0	1.1	43	43	37.61	37.32	19	15	0.77	- 1
Annual averages, all farms, weighted by acres of corn:										
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
1944	21.9	2.4	46	57	18.43	22.97	29	28	0.98	240
1943	18.7	2.6	47	72	17.40	27.09	36	45	1.23	471

Factors from 18 APPLE Accounts, 1947
(Arranged by acres of fruit)

Farm number	Orchard age bearing acres	Yield pack- able fruit per acre bu.	Labor		Cost of spray & 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 hrs.	to harvest and market a bu. min.			cost per bu. \$	re- turns per bu. \$		
192	122.4	298	54	14	68	196	1.22	1.13	0.94	-3,409
339	104.0	373	55	29	42	180	0.98	1.59	1.90	23,492
366	95.0	205	35	14	34	151	0.96	1.07	1.29	2,145
170	83.2	162	34	19	33	124	0.97	1.47	1.98	6,690
315	65.9	317	23	13	40	94	0.64	1.02	2.29	8,046
340	58.3	126	58	47	51	151	1.85	1.11	0.25	-5,421
185	51.0	351	44	13	32	135	0.65	1.25	2.79	10,851
378	42.0	209	89	26	72	219	1.43	1.75	1.26	2,867
383	40.0	134	22	22	27	96	1.22	1.65	1.78	2,316
376	34.5	71	25	30	28	110	2.36	1.46	0.20	-2,195
359	30.0	52	16	29	21	68	1.71	1.16	0.01	-856
200	25.3	84	9	27	19	57	0.90	1.35	2.28	953
171	21.3	108	21	16	12	47	0.61	1.07	1.72	1,056
149	18.7	76	9	19	9	58	0.94	0.91	0.45	-40
345	15.2	153	43	34	12	88	1.15	1.68	1.28	1,245
135	14.4	39	11	35	2	52	1.86	0.77	-0.15	-617
368	12.1	119	7	26	6	27	0.45	1.83	3.68	1,991
370	8.0	282	15	28	41	112	0.83	0.93	1.08	229

Averages for 1947, by thirds according to number of acres, weighted by farms:

High	88.1	247	43	23	45	149	1.10	1.23	1.44	31,592
Medium	37.1	150	34	24	33	114	1.38	1.44	1.39	13,936
Low	15.0	130	18	26	14	64	0.97	1.20	1.34	3,864

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

1947	46.7	220	40	21	39	137	1.03	1.30	1.49	2,741
1946	46.4	262	138	22	37	126	0.85	1.77	2.66	11,181
1944	40.4	192	38	26	18	82	0.78	1.52	1.90	5,756
1943	44.5	174	34	24	14	72	0.70	1.61	2.12	7,086
1942	46.4	212	34	26	11	65	0.52	0.85	1.07	3,315

Factors from OTHER FRUIT Accounts, 1947
(Arranged by acres of fruit)

Farm number	Orchard age	Yield pack-able fruit per acre	Labor		Cost of spray & 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 and market a bu.			cost per bu.	re- turns per bu.		
	acres	bu.	hrs.	min.	\$	\$	\$	\$	\$	\$

4 Accounts with PEARS

170	10.9	22	11	36	19	88	4.90	1.37	-2.23	-849
378	8.8	144	55	24	23	138	1.34	2.55	2.43	1,519
383	5.2	82	6	59	17	60	2.00	1.92	0.88	-33
345	1.8	113	15	40	1	41	1.04	2.32	2.49	260

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

1947	6.7	80	25	34	27	96	1.85	2.27	1.40	224
1946	7.4	82	64	38	19	120	2.14	3.03	1.54	541
1944	7.0	109	39	31	12	68	1.03	1.58	1.32	426
1943	8.1	66	14	27	7	41	0.95	2.61	3.15	890
1942	7.6	97	18	38	3	33	0.71	1.30	1.25	434

9 Accounts with PEACHES

383	12.7	180	86	38	26	166	1.76	2.12	1.29	838
170	11.0	151	45	37	24	122	1.56	1.60	1.07	54
315	8.9	135	56	37	10	99	1.50	1.31	0.82	-221
376	6.0	105	46	20	12	123	2.04	1.09	---	-604
378	5.9	159	106	49	47	201	2.17	2.42	1.04	231
200	5.4	96	51	34	2	82	1.28	1.14	0.58	-69
149	4.0	122	35	47	8	50	1.01	1.75	1.20	361
366	2.5	226	55	32	6	151	1.24	1.55	1.42	176
345	1.2	96	11	17	2	39	0.76	1.82	3.54	122

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

1947	6.4	146	62	37	19	127	1.63	1.73	1.04	99
1946	6.5	136	64	48	12	115	1.64	1.90	1.13	237
1944	8.3	131	53	36	6	67	1.01	2.21	1.91	1,300
1943	7.4	3	12	116	2	29	12.04	3.49	-0.77	-176
1942	7.5	178	49	22	5	44	0.43	1.24	1.65	1,081

Factors from OTHER FRUIT Accounts, 1947

- continued -

Continued

Farm number	Orchard bearing age acres	Average per acre				Net to grower		Return per hr. of labor \$	Profit on enter- prise \$
		yield	labor	cost of	cost	cost	returns		
		per acre pounds	to grow hours	spray materials \$	to grow \$	per pound ¢	per pound ¢		
5 Accounts with CHERRIES									
315	20.0	2,648	2	8	32	5.2	11.1	2.09	3,126
170	15.9	2,540	40	9	91	7.6	8.8	1.29	498
383	11.3	3,143	18	2	73	6.0	10.7	2.11	1,656
376	8.5	3,602	25	16	102	6.9	10.7	1.76	1,158
171	1.3	4,323	30	12	51	3.9	10.0	2.32	342
Annual averages, all farms, weighted by acres of cherries:									
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
1944	7.3	3,375	17	7	48	4.6	9.7	1.89	1,243
1943	6.7	3,410	19	11	67	5.7	8.8	1.25	718
1942	4.9	5,626	28	6	51	3.5	5.6	0.94	584

Factors from 12 ALFALFA Accounts, 1947

Farm number	Alfalfa per farm acres	Yield per acre tons	Average		Average		Labor per acre hours	Labor returns		Profit on enter- prise
			per acre		per ton			per	per	
			cost	returns	cost	value		acre	hour	
			\$	\$	\$	\$		\$	\$	\$
146	72.8	1.4	23	29	16	21	7	14	1.91	444
379	38.0	2.7	47	41	17	15	9	1	0.16	-219
130	35.0	3.1	40	36	11	10	15	7	0.44	-126
170	33.3	2.4	47	48	19	20	8	10	1.21	46
371	31.0	2.3	40	47	18	21	19	24	1.25	217
288	26.9	1.5	33	38	15	18	12	12	0.98	138
211	25.5	1.0	34	30	28	25	5	1	0.21	-87
315	21.0	2.0	54	37	27	18	10	-7	-0.67	-355
135	19.8	2.6	34	68	13	26	7	43	5.73	669
149	11.4	2.1	29	32	14	15	7	6	0.86	27
139	10.1	2.1	37	64	18	31	14	34	2.47	274
267	5.0	1.4	60	28	43	20	17	-15	-0.90	-162

Averages for 1947, by thirds to acres of Alfalfa, weighted by farms:

High	44.8	2.4	39	38	16	16	10	8	0.93	36
Medium	26.1	1.7	40	38	22	21	12	8	0.44	-22
Low	11.6	2.1	40	48	22	23	11	17	2.04	202

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

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
1944	20.7	2.0	28	46	13	22	11	24	2.19	373
1943	23.0	2.3	28	39	12	17	12	17	1.43	260
1942	25.4	2.3	23	29	10	12	12	11	0.98	164

Factors from 32 HAY Accounts Other than Alfalfa, 1947
(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	
			\$	\$	\$	\$		\$	\$	\$
359	90.2	2.1	26	28	13	14	10	9	0.92	182
188	83.0	2.4	36	49	10	15	7	19	2.53	1,077
375	69.5	1.7	29	34	14	17	5	9	1.83	339
344	60.0	2.5	47	46	15	15	9	6	0.62	-67
362	53.0	1.9	38	39	20	20	7	8	1.09	41
316	52.3	1.9	55	26	28	13	7	-23	-3.29	-1,508
331	50.8	3.5	67	72	19	21	16	16	1.03	258
370	47.0	2.7	29	44	9	14	6	20	3.16	701
281	44.9	1.9	39	31	20	16	7	-4	-0.60	-396
355	43.1	2.4	31	43	11	16	4	14	3.38	496
309	40.5	1.8	33	32	16	15	7	5	0.65	-50
382	40.0	3.7	35	71	9	19	12	45	3.88	1,428
149	36.9	1.7	23	22	13	13	4	1	0.36	-23
345	34.9	1.1	31	31	27	27	12	11	0.88	-10
324	33.0	3.2	52	51	16	16	11	9	0.81	-10
165	32.4	1.4	25	21	18	15	6	1	0.15	-146
380	32.0	2.0	40	31	19	15	8	-3	-0.32	-291
377	31.9	3.2	52	54	15	15	10	8	0.85	49
186	30.3	4.0	39	52	10	13	6	18	2.93	390
174	28.2	2.1	51	41	25	20	6	-3	-0.55	-261
373	27.5	2.4	48	52	18	20	6	12	2.05	128
376	26.0	1.0	33	19	33	19	4	-9	-2.37	-362
171	24.7	0.9	21	15	22	15	3	-4	-1.14	-143
200	23.0	1.9	39	30	20	15	10	-1	-0.14	-198
202	22.5	1.1	29	18	25	15	8	-6	-0.79	-218
338	21.5	1.7	35	40	17	20	9	10	1.15	100
354	21.0	3.0	40	80	12	25	10	45	4.30	829
368	18.0	1.8	36	36	20	20	9	7	0.84	-1
383	18.0	1.8	31	36	17	20	7	12	1.68	97
170	16.6	2.7	35	41	13	15	9	16	1.67	99
166	13.3	1.2	21	20	17	17	3	4	1.04	-3
310	5.8	2.4	37	22	15	9	11	-8	-0.75	-86

Averages for 1947, by thirds according to acres of hay, weighted by farms:

High	57.7	2.3	39	40	16	16	8	7	1.03	98
Medium	32.1	2.3	39	40	18	17	8	8	0.79	81
Low	18.4	1.9	32	34	18	17	8	8	0.79	45

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

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
1944	35.5	1.8	26	31	14	17	8	10	1.33	196
1943	29.6	1.9	24	27	12	14	9	8	0.88	101
1942	35.6	2.1	22	25	10	12	9	7	0.76	120

Factors from 24 CORN SILAGE Accounts, 1947
(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 \$	\$	\$
375	25.5	7	2.7	6	13	9	51	2.83	7.38
359	23.0	12	3.0	5	30	15	72	2.48	6.12
130	21.6	5	2.4	7	5	4	34	1.77	6.99
188	21.0	8	1.7	4	9	25	73	2.77	9.56
149	20.0	4	2.9	8	4	—	54	5.28	13.28
324	18.7	6	2.6	7	9	14	67	2.87	10.57
362	18.0	5	4.7	11	15	14	76	5.46	13.89
344	17.5	12	2.0	8	16	17	94	2.80	7.80
377	17.0	12	2.0	9	15	12	68	1.63	4.84
309	15.0	4	3.4	7	7	19	51	3.02	12.82
281	14.8	14	2.9	16	24	22	116	2.83	8.00
316	13.8	8	3.5	10	17	11	107	4.39	13.60
288	12.0	12	1.9	9	13	12	60	1.74	5.14
331	12.0	6	3.0	7	10	14	79	3.57	14.12
145	10.5	11	1.8	7	13	8	60	2.38	5.40
139	10.5	10	3.9	21	20	11	68	2.45	6.52
165	10.3	11	2.5	8	19	8	79	2.86	7.21
355	10.0	18	1.7	6	26	17	86	2.07	4.75
382	10.0	17	1.2	7	13	14	75	2.05	4.51
370	9.5	13	2.2	11	18	21	84	2.43	6.42
200	9.0	7	3.3	9	15	6	64	3.14	8.67
174	7.0	10	1.3	3	9	—	87	3.01	8.93
380	5.7	3	5.2	8	7	2	48	3.12	17.19
373	4.0	9	3.3	9	20	4	109	4.67	9.97

Averages for 1947, by thirds according to acres of silage, weighted by farms:

High	20.7	7	2.8	7	13	12	65	3.28	9.45
Medium	13.2	10	2.8	11	15	14	76	2.75	8.81
Low	8.2	11	2.6	8	16	9	79	2.92	8.46

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

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
1944	14.7	8	2.7	8	15	9	55	2.20	6.54
1943	13.2	9	3.0	10	17	9	53	2.06	5.79
1942	11.9	10	2.8	10	20	9	48	1.70	4.62

Factors from 20 CORN FOR GRAIN Accounts, 1947
(Arranged by acres of grain)

(Arranged by acres of grain)										
Farm number	Grain per farm acres	Yield per acre bushels	Average		Average		Labor per acre hours	Labor returns		Profit on enter- prise
			per acre		per bushel			per acre	per hour	
			cost	returns	cost	value				
			\$	\$	\$	\$		\$	\$	\$
211	33.5	32	39	72	1.22	2.26	11	42	3.95	1,100
186	30.0	34	42	80	1.22	2.34	14	50	3.51	1,146
371	27.5	31	59	80	1.90	2.59	16	36	2.17	581
171	26.4	14	39	28	2.76	2.00	10	-3	-0.30	-285
382	24.5	41	43	82	1.05	2.00	12	49	4.18	953
146	18.0	31	35	76	1.15	2.50	9	51	5.75	742
345	17.6	14	45	28	3.17	2.00	11	-7	-0.59	-293
359	15.0	31	55	44	1.80	1.41	7	-7	-0.97	-177
368	15.0	31	49	87	1.58	2.80	10	46	4.65	571
380	14.7	41	53	82	1.28	2.00	11	38	3.46	435
370	11.0	24	50	65	2.13	2.75	12	25	2.00	160
145	8.5	47	53	132	1.13	2.80	9	86	9.25	669
379	8.0	40	76	101	1.89	2.52	26	47	1.78	201
149	7.0	43	62	107	1.44	2.50	9	50	5.34	319
383	6.0	17	74	48	3.54	2.00	23	-4	-0.15	-154
130	5.0	40	41	80	1.03	2.00	17	50	3.01	194
377	4.5	36	105	72	2.90	1.99	15	-23	-1.55	-148
344	4.0	74	70	148	0.95	2.00	17	90	5.25	310
135	4.0	32	58	64	1.81	2.00	16	25	1.57	25
316	2.5	36	73	79	2.00	2.18	31	32	1.04	16
Averages for 1947, by thirds according to acres of corn, weighted by farms:										
High	25.4	28	43	64	1.78	2.24	12	31	2.67	563
Medium	11.3	37	57	88	1.61	2.40	12	41	3.64	311
Low	4.3	39	70	82	2.04	2.03	20	28	1.53	41
Annual averages, all farms, weighted by acres of corn for grain:										
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
1944	10.3	35	43	47	1.20	1.32	19	16	0.83	41
1943	10.5	38	41	56	1.01	1.41	26	28	1.09	157
1942	10.2	43	35	46	0.79	1.05	24	21	0.87	115

Factors from 15 OATS Accounts, 1947
(Arranged by acres of oats)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise
			cost	returns	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	\$
316	38.1	22	52	35	2.09	1.27	8	-11	-1.42	-678
211	26.0	65	28	70	0.40	1.04	5	46	8.49	1,086
170	21.6	13	47	52	2.85	3.25	8	14	1.69	116
382	20.5	45	41	66	0.79	1.35	7	31	4.25	511
165	19.9	30	42	50	1.20	1.45	12	18	1.48	154
186	18.5	23	24	28	0.94	1.11	5	9	1.59	72
362	17.0	33	60	45	1.44	1.00	15	-1	-0.03	-249
355	15.6	31	56	57	1.45	1.50	7	6	0.86	27
146	13.2	35	28	46	0.73	1.25	7	26	3.73	240
188	12.5	51	68	87	1.23	1.60	13	28	2.23	234
377	10.0	40	58	56	1.46	1.40	4	1	0.09	-21
281	8.4	53	65	90	1.02	1.50	17	37	2.15	212
174	7.7	6	46	8	7.12	1.24	6	-32	-5.19	-294
345	7.5	20	52	35	2.21	1.35	15	-3	-0.23	-128
331	6.0	21	32	31	1.54	1.50	6	4	0.59	-5

Averages for 1947, by thirds according to acres of oats, weighted by farms:

High	25.2	35	42	55	1.47	1.67	8	20	2.90	238
Medium	15.4	35	47	53	1.16	1.29	9	14	1.68	65
Low	7.9	28	51	44	2.67	1.40	10	1	-0.52	-47

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

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
1944	13.1	33	35	35	0.84	0.84	12	7	0.56	-3
1943	13.2	18	31	21	1.50	0.98	11	-4	-0.37	-127
1942	16.7	41	29	32	0.61	0.67	13	8	0.63	45

Factors from 7 MIXED SPRING GRAIN Accounts, 1947
(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	
			\$	\$	\$	\$		\$	\$	\$
130	21.2	35	39	53	1.02	1.44	14	24	1.73	305
344	20.0	37	46	52	1.16	1.35	16	19	1.18	138
371	16.0	10	33	6	3.29	0.60	8	-19	-2.27	-430
368	13.0	32	39	51	1.22	1.60	5	17	3.04	157
370	12.0	30	65	40	1.86	1.00	15	-14	-0.91	-308
171	10.2	34	35	51	1.03	1.50	7	21	3.13	163
324	9.0	8	53	15	6.35	1.80	7	-32	-4.25	-341
Annual averages, all farms, weighted by acres of grain:										
1947	14.5	28	43	40	1.46	1.35	11	5	0.49	-45
1946	22.4	36	32	41	0.80	1.03	10	15	1.53	187
1944	14.4	34	37	41	0.87	1.00	12	12	0.96	62
1943	13.1	17	31	22	1.57	1.03	11	-4	-0.35	-124
1942	15.4	41	27	35	0.57	0.75	13	12	0.97	118

Factors from 26 WHEAT Accounts, 1947
(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	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	\$
267	72.0	32	31	68	0.96	2.16	7	46	6.09	2,727
211	71.0	25	26	63	1.03	2.49	5	40	8.10	2,600
379	65.5	31	31	91	0.86	2.75	9	66	7.41	3,894
368	58.5	38	39	109	0.95	2.80	9	78	8.77	4,091
146	57.4	26	27	66	0.99	2.47	6	45	7.69	2,230
135	47.4	27	30	64	1.12	2.41	8	41	5.06	1,620
186	39.0	28	39	62	1.23	2.05	9	32	3.44	899
380	38.3	31	47	91	1.25	2.64	8	49	5.97	1,661
315	32.5	21	52	63	2.10	2.63	16	27	1.69	361
371	29.0	27	41	66	1.48	2.40	16	37	2.34	706
130	27.7	31	42	71	1.23	2.19	14	39	2.85	817
382	25.0	27	34	61	1.19	2.18	9	33	3.60	674
149	22.9	17	34	50	1.58	2.50	7	20	2.95	370
171	19.0	19	37	43	1.66	2.00	12	14	1.20	122
324	17.8	39	62	108	1.32	2.50	12	56	4.79	828
359	15.0	21	27	49	0.70	1.77	15	32	2.15	340
288	14.1	36	50	94	1.00	2.25	22	55	2.52	624
174	13.7	16	65	64	2.53	2.50	10	8	0.83	-7
316	12.5	20	58	57	2.37	2.33	15	12	0.79	-10
370	11.0	17	40	42	2.29	2.40	11	10	0.95	21
309	10.5	15	42	48	2.12	2.50	9	13	1.52	60
202	8.5	26	62	73	2.08	2.51	21	23	1.08	94
145	7.0	34	63	130	1.03	3.00	10	74	7.49	469
188	7.0	15	58	45	3.59	2.69	19	1	0.06	-93
170	3.8	16	37	34	2.32	2.15	6	3	0.59	-10
310	3.0	15	53	40	2.87	2.00	16	3	-0.17	-39

Averages for 1947, by thirds according to acres of wheat, weighted by farms:

High	53.5	29	36	75	1.17	2.49	9	47	6.02	2,231
Medium	20.5	26	44	67	1.41	2.25	13	33	2.58	497
Low	7.9	20	52	59	2.33	2.45	13	17	1.54	62

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

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
1944	19.8	27	36	52	1.04	1.64	13	24	1.88	526
1943	17.2	20	26	38	0.98	1.59	10	17	1.69	209
1942	16.5	30	27	41	0.75	1.21	12	19	1.58	231

Factors from 5 BARLEY Accounts, 1947
(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	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	\$
146	22.4	14	27	23	1.87	1.59	5	2	0.31	-89
310	22.1	20	31	39	1.27	1.68	7	13	1.90	186
211	21.0	18	31	36	1.71	2.02	6	10	1.62	115
371	9.0	2	25	1	15.00	0.53	6	-19	-3.21	-217
135	2.5	28	38	42	1.34	1.50	8	13	1.68	11
Annual averages, all farms, weighted by acres of grain:										
1947	15.4	16	29	29	1.73	1.74	6	5	0.84	1
1946	19.2	35	28	61	0.74	1.70	8	40	4.85	643
1944	10.8	21	32	30	1.46	1.37	9	4	0.41	-20
1943	9.8	10	24	15	2.23	1.37	8	-5	-0.58	-88
1942	11.3	26	25	23	0.93	0.83	10	-2	0.16	-30

Factors from 5 RYE Accounts, 1947
(Arranged by acres of rye)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre	Labor returns		Profit on enter- prise
			cost	returns	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	\$
267	29.0	21	52	46	2.42	2.14	13	8	0.57	-176
170	16.3	21	38	53	1.73	2.45	7	23	3.04	241
316	5.0	8	41	25	4.34	2.26	8	-9	1.07	-79
380	5.0	39	49	124	0.66	2.56	10	82	8.20	373
166	3.0	25	62	101	1.16	2.71	17	57	3.35	116
Annual averages, all farms, weighted by acres of grain:										
1947	11.7	22	47	56	1.95	2.32	11	19	1.74	95