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INDIVIDUAL FACTORS  
AND  
ANNUAL AVERAGES  
FROM  
FARM COST ACCOUNTS

62 FARMS 1943

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## Farm Cost Accounts in New York

The crop year 1943 was the 30th consecutive year of the farm cost-accounting project at the New York State College of Agriculture. In 1907, the late Dr. G. F. Warren started keeping cost accounts on his farm at Ithaca. After a few years of experience the procedures had been sufficiently developed to expand the work onto other farms. In 1914, eighteen farmers participated in the project cooperatively with the college. In succeeding years from 30 to 90 farms have been included. Sixty-two farmers located in 30 counties of the State kept complete cost accounts on their farm business for the crop year 1943.

Over the years both the cooperating farmers and the college have contributed a great deal of effort to the studies, and the results are highly useful to other farmers as a "yardstick" against which to measure their own operating results. The cooperators in the project have been selected on the basis of their willingness and ability to keep complete and accurate records, the type of farm they operate, and their location. Account books, all following the same general pattern but adapted to the individual farm businesses, are furnished by the college. During the accounting year the farmers record the hours of labor and power used for the various farm enterprises, the quantities and cost of supplies, and the quantities and price of produce sold, used, or inventoried. A member of the cost-account staff spends one to two days at each farm at the end of the fiscal year checking the records, after which the books are closed and summaries are prepared at the college. The fiscal year on most of the farms ends between December 31 and March 31.

As a group, the cost-account farms are not typical of the State, being in general larger, more productive, and more skillfully managed than the average of New York farms. For this reason their operating results should not be considered as typical. Because the cost-account group is better than average, this summary provides standards of comparison that are highly useful in analyzing other farm businesses.

Another valuable contribution of these data is the comparisons they provide of costs and returns among important New York farm enterprises. The relative profitability of various enterprises on these farms is considered to be fairly typical of the relative profitability on other farms of the state. Over a period of years the cost-account results also reflect trends in costs and returns from individual enterprises. Many of the cooperators have been keeping cost records for some years, and all are encouraged to do so, because of the increasing value of each year's results as the number of years for comparison increases.

\* \* \* \* \*

## Contents

Each farm enterprise is tabulated separately in this report. Factors are arranged according to size; for example, the farm with the largest number of cows is shown first on page 9, and the farm with the largest number of hens is first on page 12.

Accounts on each enterprise have been divided into three equal groups: 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 9 the value per cow for the low third was \$138, or the average of the 14 figures representing the value per cow on the 12 farms in the group. The annual averages are weighted by animals or acres rather than by farms. The average value per cow for 1943 of \$144 is the sum of the value of all cows, \$127,244, divided by 886, the total number of cows.

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Factors from 62 LABOR accounts, 1943  
(Arranged by man equivalent)

Farm number	No. of men	Total hours per farm	Average cost per									
			Farm operator			month for regular hired men			Cost per hour		Average cost per hour	Average cost per man
			Hours per man	wage per mo.	privi- leges per mo.	wage and privi- leges per mo.	wage and board per mo.	wage only	hour	for help		
men	hours	hours	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
474	11.4	33,618	2,949	200	62	---	---	139	40	55	1,621	
192	11.6	32,896	2,836	166	56	200	---	127	57	61	1,722	
339	9.9	25,581	2,584	143	23	---	---	102	56	60	1,543	
170	9.6	23,379	2,435	139	33	127	---	101	81	73	1,768	
221	6.8	23,386	3,439	255	4	110	---	109	51	47	1,602	
316	6.0	23,373	3,896	150	58	146	110	---	71	52	2,016	
315	5.3	15,496	2,924	150	38	114	---	---	67	62	1,826	
267	5.1	11,471	2,249	100	59	108	---	---	59	67	1,509	
130	5.1	15,596	3,058	167	45	135	---	---	42	55	1,671	
331	5.0	15,471	3,094	100	44	---	---	---	19	44	1,365	
149	4.8	16,548	3,448	100	47	114	95	60	44	37	1,272	
358	4.8	15,678	3,266	129	61	131	---	---	19	52	1,700	
366	4.8	10,758	2,241	159	32	165	---	90	50	65	1,458	
24	4.6	13,573	2,951	125	61	113	112	---	43	50	1,480	
357	4.5	13,727	3,050	167	54	154	96	---	54	56	1,712	
359	4.4	15,980	3,632	117	47	115	---	---	21	39	1,431	
324	4.3	9,877	2,297	83	51	95	---	---	26	52	1,186	
298	4.2	10,938	2,604	150	41	98	---	---	39	54	1,404	
345	4.2	11,942	2,843	125	83	137	95	---	--	60	1,696	
188	4.1	14,459	3,527	167	56	126	---	---	--	56	1,979	
163	4.0	12,941	3,235	125	46	98	109	75	56	44	1,414	
186	4.0	12,859	3,215	100	60	144	---	---	61	57	1,839	
361	4.0	13,538	3,384	100	30	94	---	---	42	35	1,194	
368	4.0	13,274	3,318	100	47	156	---	88	47	48	1,586	
376	4.0	9,699	2,425	150	43	---	---	---	74	78	1,880	
335	3.9	13,501	3,462	208	93	113	---	---	77	60	2,092	
340	3.8	10,033	2,640	100	40	90	---	---	45	48	1,274	
211	3.7	10,381	2,806	91	25	114	---	76	41	45	1,249	
291	3.6	9,122	2,534	75	48	124	60	---	19	47	1,184	
344	3.6	11,635	3,232	167	74	135	80	---	69	61	1,962	
364	3.5	9,678	2,765	80	87	---	---	---	52	41	1,136	
185	3.4	10,300	3,029	112	16	---	195	---	58	60	1,818	
310	3.4	7,984	2,348	100	75	---	---	113	39	62	1,447	
165	3.3	10,483	3,177	150	55	122	---	---	55	56	1,769	
375	3.3	10,562	3,201	100	49	110	---	---	40	44	1,422	
377	3.0	9,403	3,134	150	57	105	98	---	38	51	1,606	
150	2.9	7,540	2,600	100	75	---	---	50	36	65	1,696	
146	2.8	6,131	2,190	150	53	---	---	104	36	70	1,541	
355	2.8	10,111	3,611	125	50	82	67	---	56	37	1,327	

- continued -

Factors from 62 LABOR accounts, 1943  
 - continued -

Farm number	No. of men	Total hours per farm	Farm operator		Average cost per month for regular hired men			Cost per hour for board only	Average cost per hour for all labor	Average cost per man	
			Hours per man	wage per mo.	privi- leges per mo.	wage and privi- leges per mo.	wage and board per mo.				
			men	hours	hours	\$	\$	\$	¢	¢	
362	2.8	10,571	3,775	175	73	130	95	—	—	50	1,888
166	2.6	9,858	3,792	117	59	126	—	—	53	46	1,755
285	2.6	5,866	2,256	58	29	—	—	—	49	54	1,222
171	2.5	7,580	3,032	125	34	—	91	—	—	55	1,665
370	2.5	8,302	3,321	133	37	128	94	—	—	49	1,618
164	2.4	6,473	2,697	67	54	149	125	—	85	57	1,539
306	2.4	6,225	2,594	100	46	—	100	—	23	52	1,338
281	2.3	8,217	3,573	90	32	—	—	—	19	35	1,259
371	2.3	6,573	2,858	100	52	111	—	—	49	52	1,480
81	2.2	6,109	2,777	115	36	—	80	—	53	53	1,461
288	2.2	8,527	3,876	150	64	119	103	—	49	50	1,920
327	2.1	7,541	3,591	100	54	—	—	—	53	46	1,657
374	2.0	5,674	2,837	125	39	174	—	—	37	71	2,006
200	1.9	6,397	3,367	150	53	—	—	—	54	55	1,336
145	1.8	5,432	3,018	100	68	—	—	41	45	47	1,430
373	1.8	5,491	3,051	150	38	—	110	125	17	61	1,853
202	1.6	4,212	2,632	50	51	—	76	—	47	40	1,048
309	1.5	4,453	2,969	100	50	—	99	—	54	53	1,575
139	1.4	6,816	4,869	167	70	—	70	—	24	48	2,314
354	1.4	4,199	2,998	100	53	—	—	—	37	53	1,584
369	1.3	4,436	3,412	.75	27	108	117	—	51	37	1,268
338	1.2	3,711	3,092	.75	65	—	—	—	22	50	1,538
135	1.1	2,717	2,470	60	62	—	—	—	43	59	1,446

Averages for 1943, by thirds according to number of men, weighted by farms:

High	5.9	17,461	2,979	144	48	127	103	100	47	54	1,589
Medium	3.4	10,120	2,995	119	54	118	99	86	49	53	1,566
Low	1.9	5,954	3,152	107	49	132	97	83	42	51	1,567

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

1943	3.8	11,263	2,992	124	50	123	97	107	46	53	1,594
1942	3.6	10,719	2,958	91	45	108	85	78	41	43	1,271
1940	3.7	10,902	2,930	72	36	77	63	60	26	32	929
1939	3.8	11,407	2,995	73	35	77	59	57	26	30	913
1938	3.8	11,124	2,965	71	36	74	60	61	26	31	917
1937	3.7	11,034	2,955	73	37	75	55	66	26	31	918
1936	3.5	10,416	2,935	73	38	67	59	59	23	30	886

Factors from 46 HORSE accounts, 1943  
 (Arranged by hours worked per horse)

Farm number	Horses per farm	Average per horse					Cost per hour cents
		hours worked	value dollars	grain pounds	hay tons	Cost of feed and bedding dollars	
		horses	hours				
221	2.0	1,288	131	1,920	4.0	119	25
361	2.0	1,168	130	3,840	2.5	105	16
377	2.0	1,097	119	2,925	4.0	130	23
24	2.3	1,070	135	2,043	5.2	117	25
315	2.0	1,041	112	1,700	2.0	96	20
200	2.0	990	162	3,010	6.0	158	34
355	2.0	900	140	4,015	4.0	156	30
185	2.0	860	131	850	4.0	78	18
316	2.0	814	75	1,952	2.0	95	23
357	2.5	798	100	1,240	3.6	78	27
174	3.5	790	84	4,329	2.9	141	31
164	2.0	696	188	3,810	6.0	164	47
306	2.0	688	88	1,900	1.5	82	27
371	2.0	684	61	600	6.0	115	25
344	3.0	665	167	1,947	4.0	90	32
149	6.8	642	165	2,515	5.4	124	32
362	4.0	631	131	1,530	2.5	80	26
139	2.8	615	175	571	2.9	55	19
281	4.0	602	195	1,059	3.8	85	29
373	2.0	592	58	1,168	3.0	58	20
186	2.0	530	175	300	2.5	58	24
288	3.0	497	167	0	2.3	48	25
285	2.0	492	88	775	3.0	76	45
370	2.5	460	125	880	4.4	70	63
165	3.0	441	41	533	1.7	39	15
150	4.8	407	67	1,350	2.5	75	34
324	3.0	407	154	1,269	2.3	82	31
170	6.0	404	190	347	2.0	49	18
375	2.0	404	145	1,600	3.0	65	36
309	3.0	400	110	1,867	0.7	53	35
130	7.0	399	132	1,303	3.3	86	43
376	2.0	392	95	632	4.5	70	34
291	2.0	390	118	350	4.0	37	27
374	3.0	382	148	667	4.0	57	29
202	3.0	381	147	693	2.7	57	28
368	2.0	320	75	1,900	4.0	102	50
338	2.0	312	125	1,250	2.0	55	34
345	2.0	298	200	800	2.0	64	47
364	5.0	290	171	1,490	2.4	75	48
331	3.5	284	117	914	1.4	43	36
335	3.5	270	119	1,543	4.0	101	79
166	2.0	181	112	100	2.5	36	58
163	2.0	146	150	400	2.0	48	59

Factors from 46 HORSE accounts, 1943  
 - continued -

Farm number	Horses per farm	Average per horse					Cost of feed and bedding dollars	Cost per hour cents
		hours worked	value dollars	grain pounds	hay tons			
	horses	hours						
359	3.0	95	96	883	4.0	205	262	
171	3.5	79	94	240	1.4	28	87	
327	3.8	62	121	0	2.1	54	101	
<u>Averages for 1943, by thirds according to hours worked per horse, weighted by farms:</u>								
High	2.5	887	124	2,412	3.9	116	27	
Medium	3.4	485	130	970	2.7	65	31	
Low	2.8	259	126	791	2.9	69	65	
<u>Annual averages, all farms, weighted by number of horses:</u>								
1943	2.9	516	128	1,378	3.1	83	32	
1942	2.8	510	126	1,492	3.0	76	28	
1940	2.9	676	144	1,909	3.0	65	19	
1939	3.1	698	148	2,069	2.9	65	19	
1938	3.2	699	148	1,853	3.2	57	18	
1937	3.2	716	146	1,927	3.0	71	19	
1936	3.2	694	131	2,052	3.2	74	18	

Factors from 68 TRACTOR accounts, 1943  
 (Arranged by hours of use)

Farm number	Size of each tractor*	Annual cost per tractor						Hours of use per tractor	Average cost per hour of use dollars		
		depre-		fuel oil	all other	total cost	Gallons of fuel per hour				
		Average value	and cash repairs								
		dollars	dollars	dollars	dollars	dollars	gallons	hours			
192	2,3	925	120	90	118	328	0.6	1,024	0.32		
165	2	806	184	169	188	541	1.1	1,009	0.54		
211	2,2	831	142	272	90	504	1.5	964	0.52		
221	1,2,2	338	141	222	30	393	1.3	929	0.42		
146	2	688	25	178	139	342	1.2	903	0.38		
150	2	550	28	199	154	381	1.6	877	0.43		
163	1,2	840	99	138	80	317	1.2	786	0.40		
149	2	750	255	144	88	487	1.3	783	0.62		
24	3	750	136	153	82	371	1.2	765	0.48		
359	2	675	251	209	108	568	1.6	745	0.76		
376	2	150	24	116	96	236	1.2	724	0.33		
316	3	550	209	190	90	489	2.2	719	0.68		
135	2	475	100	125	53	348	1.6	717	0.49		
171	1	425	62	142	63	267	1.1	699	0.38		
368	2,2	825	138	78	62	278	0.7	691	0.40		
362	2	262	40	138	16	194	1.3	691	0.28		
298	2,2	762	103	125	70	298	1.3	691	0.43		
186	2,2	500	22	121	37	180	1.3	686	0.26		
358	2,2	468	61	123	78	262	1.3	682	0.38		
375	2	688	46	151	73	270	1.3	672	0.40		
316	3	850	231	221	72	524	1.8	656	0.80		
335	2,2	701	56	111	90	257	1.3	642	0.40		
267	2,2,3	81,0	88	140	115	343	1.7	636	0.54		
359	2	600	22	145	68	235	1.3	636	0.37		
81	2,1	619	142	82	48	272	0.8	621	0.44		
174	2,2	600	85	147	56	288	1.4	620	0.43		
166	3,3	819	88	110	57	255	1.3	595	0.43		
315	2	1,145	105	95	71	271	1.2	595	0.46		
170	2,2	512	146	137	61	344	1.3	587	0.59		
369	2	1,124	134	157	119	410	1.8	578	0.71		
145	2	325	73	92	39	204	1.0	569	0.36		
315	2	568	135	110	133	378	1.3	566	0.67		
371	2	712	104	105	54	263	1.1	548	0.48		
188	1	700	3	64	47	114	0.8	529	0.22		
188	2	450	20	132	75	227	1.5	524	0.43		
344	2	436	152	119	55	326	1.6	518	0.63		
377	3	665	146	130	86	362	1.5	495	0.73		
361	1,2	669	45	125	46	216	1.7	482	0.45		
366	2	650	--	92	42	134	1.3	457	0.29		
285	2	550	64	70	53	187	1.1	452	0.41		
130	2,2	633	14	88	44	146	1.5	446	0.33		
327	2	500	174	93	62	329	1.3	437	0.75		
238	3	635	101	119	32	252	1.5	415	0.61		
306	2	200	50	53	57	160	2.3	412	0.39		
339	3	412	63	76	79	218	0.9	406	0.54		

- continued -

## Factors from 68 TRACTOR accounts, 1943

- continued -

Farm number	Size of each tractor*	Annual cost per tractor						Average cost per hour of use	
		depreciation			Gallons of fuel per hour	Hours per tractor			
		Average value	and cash repairs	fuel oil and other					
		dollars	dollars	dollars	dollars	gallons	hours	dollars	
340	2	275	70	86	29	185	0.9	406	
185	1	168	41	35	28	104	0.6	400	
188	3	650	2	92	46	140	1.5	390	
310	2	342	70	104	39	213	1.9	366	
371	1	300	79	42	18	139	0.7	354	
374	2	752	121	58	50	229	0.9	352	
200	2	300	117	78	52	247	1.8	335	
331	1,3	356	88	77	29	194	1.2	332	
370	2	800	13	83	59	155	1.5	327	
202	1	488	44	87	53	184	1.6	320	
345	2	635	85	98	51	234	1.8	312	
309	2	950	100	110	56	266	1.9	306	
324	3,3,1	414	33	38	21	92	0.8	299	
164	2	925	101	49	51	201	1.3	261	
357	3,2	738	4	100	72	176	2.6	248	
355	2	375	5	45	37	88	1.5	232	
327	2	300	16	40	56	112	1.3	217	
164	2	205	30	44	14	88	1.7	183	
364	2	118	16	75	11	102	2.4	171	
170	1	92	57	24	25	106	0.8	157	
340	1	154	82	16	34	132	0.6	110	
315	1	75	13	34	11	58	2.5	96	
354	1	145	34	55	11	100	3.7	86	

Averages for 1943, by thirds, according to hours of use per tractor, weighted by farms

High	637	111	158	87	356	1.3	769	0.46
Medium	600	84	106	61	251	1.3	517	0.49
Low	422	52	63	38	153	1.6	266	0.62

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

1943	575	84	113	62	259	1.3	547	0.47
1942	609	89	113	58	260	1.5	502	0.52
1940	547	100	88	46	234	1.6	475	0.49
1939	531	87	92	48	227	1.6	469	0.49
1938	493	87	102	46	235	1.7	478	0.49

\* The figures indicate the size of each tractor in terms of the number of plow shares usually pulled. Of the 90 tractors, 15 were one-plow, 60 were two-plow, and 15 were three-plow. Farms 81, 130, 163, 166, 174, 186, 192, 211, 221, 267, 298, 324, 331, 335, 357, 358, 361, and 368 had more than one tractor but the cost records were not separated by machines. Farms 164, 316, 327, 340, 359 and 371 each had two tractors but had separate accounts for each tractor. Farms 188 and 315 had three tractors and had a separate account for each tractor. Farm 170 had three tractors; two were kept in one account while the third was kept in a separate account.

Factors from 58 TRUCK accounts, 1943  
 (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-	fuel	all	total				
			ciation and cash repairs	and oil	other	cost				
			dollars	dollars	dollars	dollars	dollars	miles	miles	cents
221	L	300	46	164	421	631	16,243	19	3.9	
149	L	350	210	244	173	627	7,899	6	7.9	
316	L	375	306	133	131	570	5,604	9	10.2	
364	S	300	41	204	207	452	16,084	20	2.3	
170	L, L	300	208	136	98	442	5,962	8	7.4	
339	L	350	106	123	177	403	1,500	2	27.1	
316	S	400	83	180	134	397	8,436	10	4.7	
281	S	395	139	106	146	391	6,296	11	6.2	
139	L	225	292	81	10	383	1,929	5	19.9	
315	L	642	121	132	119	372	5,100	7	7.3	
376	S, L	189	53	85	232	370	1,573	3	25.5	
146	S	200	57	100	196	353	3,682	8	9.6	
81	L	450	121	66	164	351	3,634	10	9.7	
285	S	200	77	118	136	331	5,337	9	6.2	
186	L	500	31	187	111	329	6,612	6	5.0	
174	L, L	650	52	127	147	326	6,000	8	5.4	
358	L	275	77	89	155	321	4,702	8	6.8	
211	L, L	229	132	114	66	312	4,016	7	7.8	
267	L	725	78	101	130	309	4,370	8	7.1	
306	L	100	94	83	125	302	2,445	5	12.4	
352	L	125	86	107	107	300	4,600	7	6.5	
331	L	782	91	70	135	296	5,520	18	5.4	
373	S	270	128	88	76	292	6,000	15	4.9	
324	L	425	57	70	156	283	3,111	9	9.0	
368	S, L	567	74	82	123	279	1,499	4	18.6	
340	S	300	89	101	77	267	6,023	14	4.4	
163	S, S	294	68	99	83	250	6,682	12	3.7	
164	S	212	49	77	93	219	6,289	15	3.5	
145	S	95	94	61	56	211	2,708	8	7.8	
327	L	325	16	42	148	206	2,502	11	8.2	
377	L, L	240	82	47	77	206	2,500	9	8.2	
165	S	330	88	55	62	205	2,730	10	7.5	
344	L, L	622	60	58	84	202	4,544	14	4.5	
188	S	500	14	59	124	197	2,680	3	7.4	
171	L	100	25	64	87	176	3,380	10	5.2	
338	S	425	24	75	77	176	4,595	12	3.8	
335	L, L	166	43	30	103	176	2,496	19	5.9	
192	L, L, S, S	190	56	52	67	175	3,025	11	5.8	
267	S	95	31	68	71	170	4,770	12	3.6	
371	L	162	42	55	73	170	1,594	5	10.7	
291	L	25	47	43	75	165	2,200	10	7.5	
345	S, L	162	19	59	72	150	3,559	12	4.2	
130	L	188	41	49	56	146	*	*	*	
359	L, L, S	45	43	52	48	143	*	*	*	
339	S	45	32	30	78	140	700	5	20.0	

## Factors from 58 TRUCK accounts, 1943

continued

Farm number	Size of each truck**	Annual cost per truck					Miles of use per truck	Miles per gallon of gas	Average cost per mile of use
		Average value	depre- ciation	fuel	all	total			
		and cash repairs	and oil	other	cost	dollars			
		dollars	dollars	dollars	dollars	dollars	miles	miles	cents
298	S, L	138	16	22	95	133	736	6	18.1
366	L, L	300	28	30	74	132	*	*	*
135	S	200	6	41	72	119	3,870	18	3.1
166	L, S	175	50	24	24	98	888	7	11.0
324	L	80	8	26	32	66	1,000	6	6.6
188	L	300	0	26	39	65	687	4	9.5
361	L, S	266	4	19	39	62	*	*	*
375	S, L	278	13	11	37	61	*	*	*
354	L	50	12	43	4	59	*	*	*
188	L	150	0	22	26	48	432	3	11.1
145	S	40	3	26	3	32	295	2	10.8
370	S, L	138	4	13	15	32	750	10	4.3
369	S	30	1	6	15	22	*	*	*

Averages for 1943, by thirds according to cost per truck, weighted by farms:

High	358	116	129	154	399	5,872	8	9.5
Medium	319	62	69	95	226	3,983	11	6.5
Low	146	19	31	47	97	880	5	6.2

Annual averages, all trucks weighted by number of trucks:

1943	261	60	72	97	229	3,897	9	6.5
1942	288	79	74	95	248	4,035	10	6.7
1940	287	90	75	89	254	5,154	10	5.5
1939	280	95	85	88	268	5,389	10	5.5
1938	299	99	85	95	279	5,439	10	5.5
1937	286	86	81	95	262	4,724	10	5.6
1936	284	114	89	92	295	5,313	10	5.6

\* The mileage was unknown on 12 trucks.

\*\* The letters in the second column indicate the size of the truck. S = 1-ton or smaller. L = 1½-ton or larger.

Eighteen farms had one account for two or more trucks. Six farms had two trucks with a separate account for each. One farm had three trucks with a separate account with each truck. The eighteen trucks with known mileage were driven an average of 5,214 miles at a cost of \$247 or 4.7 cents per mile. The thirty-three large trucks with known mileage were driven 4,156 miles at a cost of \$294 or 7.1 cents per mile.

Factors from 37 DAIRY accounts, 1943  
 (Arranged by number of cows)

Farm number	Size of herd cows	Value per cow dollars	Feed per cow			Cost of feed and bedding per cow, dollars	Depre- ciation per cow, dollars	Average per 100 pounds of milk cost dollars	
			grain pounds	hay tons	silage tons			cost dollars	
358	80.2	150	2,112	1.5	1.8	89	4	3.59	3.74
188	65.2	150	3,118	3.5	4.9	145	1	2.47	3.39
344	38.5	178	2,549	3.1	4.4	118	13*	1.86	3.20
359	35.5	144	3,039	3.3	4.2	189	22*	2.96	3.53
362	33.8	157	2,180	2.6	4.2	157	4	3.49	4.07
384	30.9	120	1,273	3.6	2.9	106	32*	2.80	3.62
331	30.8	214	3,565	4.2	6.1	172	7	2.39	3.26
370	29.1	151	1,952	3.5	3.7	125	20	3.19	3.42
316	28.2	118	2,441	1.3	4.5	127	10	3.09	3.57
377	28.2	209	6,844	2.9	6.6	268	9*	3.05	3.39
375	27.5	122	2,192	2.0	6.7	119	3*	2.16	3.01
281	27.0	154	3,913	1.9	9.0	182	11*	2.00	3.35
130	24.6	122	2,871	3.1	6.1	168	6	3.63	3.45
355	24.6	128	2,991	3.7	3.9	139	17*	2.06	3.27
288	23.5	122	2,712	1.8	5.4	132	5*	2.63	3.68
163	22.9	129	2,686	3.1	4.4	155	2	2.76	3.31
150	22.5	106	1,714	2.3	3.8	106	15*	3.57	3.73
357	22.1	122	2,574	1.9	3.8	134	12*	3.27	3.44
306	21.2	153	3,499	2.8	5.2	171	2	2.77	3.30
165	21.2	91	2,355	1.7	4.4	115	4	2.35	3.23
335	19.7	222	2,723	3.4	2.5	177	49	5.14	3.33
309	19.5	135	1,944	2.1	3.1	110	10	2.91	3.54
361	17.3	159	4,428	3.5	7.1	203	29*	2.64	3.23
166	16.9	90	1,799	2.0	5.2	113	1*	2.46	3.23
145	16.2	114	753	2.2	4.9	90	14	3.06	4.38
200	15.7	122	911	1.9	5.7	121	16	4.02	3.42
374	15.7	159	2,476	3.2	3.1	143	21	3.70	3.44
164	15.2	105	2,710	3.6	5.4	144	2*	3.70	3.19
149	14.9	99	2,886	1.6	8.3	135	3	3.35	3.38
139	14.8	217	6,378	3.2	5.7	248	61*	2.71	3.54
324	14.5	121	2,790	1.9	5.4	140	38	3.08	3.31
369	14.3	105	3,317	2.2	4.9	152	8*	2.96	3.45
373	12.6	115	2,401	4.7	1.1	117	8	2.84	3.17
368	10.8	158	3,537	4.4	3.7	216	55	3.95	3.15
371	10.4	158	3,029	1.5	4.8	136	29	3.08	3.19
202	9.9	146	2,543	3.0	4.3	142	11*	3.39	4.08
338	8.9	153	2,303	5.1	0.0	118	7	2.45	3.36
<b>Averages for 1943, by thirds according to number of cows, weighted by farms:</b>									
High	36.9	153	2,927	2.8	5.0	151	3*	2.82	3.46
Medium	20.6	131	2,515	2.5	4.5	137	0	2.97	3.47
Low	13.1	138	2,940	3.0	4.4	151	8	3.27	3.39
<b>Annual average, all farms, weighted by cows:</b>									
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
1940	23.5	112	2,578	2.3	4.3	96	9	1.98	2.07

\* indicates appreciation per cow.

Factors from 37 DAIRY COW accounts, 1943  
(Read across both pages)

Milk per cow cwt.	Milk test %	Average per cow			Labor returns		Labor per cow hours	Profit		Farm number
		cost \$	returns \$	profit \$	per cow \$	per hour \$		on enter- prise \$		
55	4.8	208	217	9	64	0.61	106	697	358	
95	3.8	257	345	88	166	1.20	139	5,757	188	
96	3.6	222	351	129	191	1.85	103	4,957	344	
93	3.7	319	372	53	128	0.64	202	1,847	359	
75	3.7	281	325	44	125	0.77	162	1,497	362	
52	4.1	189	232	43	89	0.79	113	1,323	364	
107	3.6	296	389	93	157	1.07	147	2,858	331	
80	3.6	274	293	19	93	0.61	154	540	370	
71	5.0	237	271	34	95	0.81	116	960	316	
113	3.8	411	450	39	108	0.80	134	1,097	377	
68	3.4	210	285	75	120	1.18	102	2,057	375	
120	3.7	290	453	163	213	1.49	142	4,384	281	
72	3.5	285	271	-14	39	0.37	107	-330	130	
93	3.6	232	344	112	165	1.16	142	2,772	355	
77	4.8	233	314	81	149	1.08	138	1,904	288	
82	3.6	244	290	46	93	0.84	110	1,037	163	
50	5.0	204	212	8	49	0.81	60	179	150	
66	3.4	244	255	11	67	0.68	99	252	357	
99	3.4	297	350	53	117	0.94	125	1,120	306	
85	3.6	220	295	75	128	1.35	95	1,594	165	
65	3.2	359	242	-117	-55	-0.50	111	-2,318	335	
65	3.4	207	247	40	88	0.98	90	793	309	
97	3.5	318	375	57	111	0.73	151	991	361	
80	3.5	214	275	61	109	1.02	107	1,039	166	
50	4.9	176	242	66	103	1.34	76	1,074	145	
55	3.7	240	207	-33	22	0.22	99	-520	200	
86	3.6	336	313	-23	79	0.55	144	-358	374	
66	3.7	263	229	-34	41	0.31	130	-508	164	
73	3.6	257	259	2	59	0.38	152	33	149	
111	3.5	391	484	93	156	1.16	134	1,366	139	
89	3.4	292	312	20	80	0.70	115	295	324	
81	3.8	262	302	40	87	0.69	127	572	369	
97	3.4	293	325	32	158	0.76	206	407	373	
97	3.5	415	337	-78	-10	-0.07	142	-841	368	
93	3.2	305	315	10	91	0.58	156	108	371	
78	5.0	286	340	54	133	0.67	198	532	202	
81	3.6	228	302	74	136	1.09	125	655	338	

Averages for 1943, by thirds according to number of cows, weighted by farms:

86	3.9	268	327	59	122	0.94	133	2,127	High
76	3.8	216	287	41	94	0.87	109	670	Medium
84	3.7	297	310	13	86	0.59	144	145	Low

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

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
84	3.8	183	190	7	47	0.35	135	172	1940

Factors from 37 HEIFER accounts, 1943  
(Arranged by number of heifers)

Farm number	Number of heifers**	Average age end of year***	Heifer equivalent raised****	Average per heifer	
				cost	value
	heifers	months	number	dollars	dollars
358	74	19	21.2	145	115
188	66	18	18.7	190	150
316	47	16	12.0	270	116
331	44	16	12.1	276	191
361	34	18	8.0	151	222
344	32	19	8.8	273	159
357	30	21	7.4	191	133
163	27	21	7.3	131	127
150	26	17	7.6	170	108
377	25	13	7.0	327	250
359	25	12	6.9	321	150
335	25	15	7.9	232	200
362	24	22	7.0	189	103
288	24	17	7.0	178	138
145	24	18	7.5	163	75
306	23	14	6.4	197	162
281	22	15	6.1	235	173
375	22	18	7.6	149	100
369	20	20	6.7	139	94
139	19	17	6.5	203	230
324	19	20	6.1	167	126
130	18	15	5.7	250	125
165	17	14	5.4	125	95
364	17	19	3.9	214	107
370	17	16	5.0	219	150
355	16	22	6.3	113	100
374	16	16	5.5	123	175
371	15	22	4.9	178	159
309	14	14	4.6	198	135
368	14	16	4.4	293	145
202	13	20	3.9	118	138
164	11	17	3.3	224	129
200	11	18	3.4	185	112
149	11	25	2.9	167	91
373	10	12	2.8	213	*
166	9	11	2.5	177	85
338	6	15	1.7	154	175

Averages for 1943, by thirds according to number of heifers, weighted by farms:

High	37	17	10.1	221	156
Medium	20	17	6.2	187	131
Low	12	17	3.8	179	120

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

1943	23	17	6.8	197	143
1942	24	18	T	6.5	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 35 HEN accounts, 1943  
(Arranged by number of birds)

Farm number	Size of flock  birds	Eggs per hen  eggs	Average per bird					
			grain fed	mash fed	cost all feed dollars	depre- ciation dollars	total cost dollars	total returns dollars
			pounds	pounds				
345	2,877	199	.57	.44	2.89	0.16	4.36	7.42
291	2,857	183	.53	.42	2.08	0.10	3.59	6.47
375	2,376	190	.54	.47	2.60	0.61	4.35	6.94
310	2,154	186	.65	.43	2.84	0.91	5.76	6.82
368	1,819	169	.44	.64	3.17	1.15	5.80	6.88
331	1,283	132	.70	.34	2.94	0.34	4.87	4.56
171	1,272	125	.41	.31	2.11	0.73	4.28	4.31
211	1,261	121	.55	.36	2.52	0.49	4.22	4.14
361	1,228	137	.32	.42	2.58	0.58	4.49	5.13
116	1,157	130	.66	.31	2.86	0.70	4.61	4.39
186	1,132	156	.31	.49	1.82	0.53	3.70	5.53
354	997	189	.63	.49	3.60	0.00	4.92	6.65
221	993	122	.67	.37	2.65	0.00	4.04	4.84
145	967	112	.64	.45	2.78	0.27	4.25	3.66
119	885	155	.37	.64	2.38	0.28	4.22	5.71
338	874	171	.54	.39	2.23	0.43	3.80	5.92
174	866	121	.63	.43	2.92	0.00	4.16	5.18
371	841	174	.46	.60	3.21	1.17	5.66	6.46
355	782	172	.45	.49	2.69	0.30	4.32	7.08
324	747	181	.59	.38	1.96	0.49	3.63	6.23
373	553	136	.56	.43	2.62	0.11	4.01	5.09
139	530	134	.55	.54	2.94	0.74	5.13	5.41
165	515	173	.56	.58	3.08	0.16	4.72	6.28
288	471	167	.54	.25	2.15	0.54	4.18	5.94
130	466	151	.49	.43	2.73	0.49	5.57	5.16
166	422	115	.51	.41	2.42	0.90	4.96	4.67
369	343	176	.58	.57	3.32	0.53	5.68	6.39
374	304	161	.84	.46	3.27	0.42	5.34	5.49
150	293	146	.65	.69	3.84	0.41	6.39	4.66
362	238	167	.46	.57	3.29	2.20	7.69	5.09
309	177	169	.15	.44	1.50	0.00	3.18	5.45
357	168	190	.70	.68	4.05	0.77	6.89	6.20
335	136	131	.55	.62	3.39	0.28	5.36	5.12
376	134	95	.17	.63	2.51	0.51	4.82	2.84
327	131	169	.79	.41	3.53	0.59	6.07	5.05
<b>Averages for 1943, by thirds according to number of birds, weighted by farms:</b>								
High	1,701	160	.52	.43	2.67	0.52	4.58	5.77
Medium	752	152	.55	.46	2.63	0.37	4.34	5.65
Low	256	155	.54	.54	3.08	0.65	5.63	5.10
<b>Annual averages, all farms, weighted by number of birds:</b>								
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
1940	761	155	.53	.40	1.74	0.64	3.43	3.30
1939	762	164	.54	.42	1.72	0.63	3.46	3.37

Factors from 35 HEN accounts, 1943  
(Read across both pages)

Per dozen eggs		Per 100 birds		Return per hour of labor		Profit on enterprise		Farm number
cost cents	value cents	labor returns dollars	labor hours	per hour of labor dollars	Mortality per cent	on enterprise dollars		
26	44	375	115	3.26	13	8,794	345	
24	43	368	169	2.18	28	8,236	291	
27	43	316	128	2.47	14	6,157	375	
38	45	240	225	1.07	34	2,273	310	
47	55	175	111	1.25	34	1,965	368	
44	41	64	217	0.30	29	-404	331	
41	41	107	189	0.56	43	33	171	
42	41	41	108	0.37	26	-96	211	
39	44	116	148	0.79	51	788	361	
42	40	48	99	0.49	36	-250	146	
28	42	276	162	1.67	21	2,072	186	
32	44	249	144	1.73	10	1,726	354	
36	41	168	195	0.86	31	793	221	
44	38	9	144	0.06	50	-575	145	
32	44	243	250	0.97	17	1,318	149	
26	40	269	115	2.34	24	1,851	338	
39	49	180	131	1.37	16	884	174	
39	44	155	144	1.07	59	673	371	
30	49	326	139	2.34	14	2,157	355	
23	40	316	108	2.92	29	1,941	324	
34	43	209	162	1.26	15	598	373	
45	48	125	204	0.61	12	151	139	
31	42	223	127	1.75	25	805	165	
29	42	291	232	1.25	18	830	288	
43	40	121	330	0.37	40	-190	130	
41	38	94	275	0.34	28	-122	166	
38	43	170	267	0.64	11	243	369	
39	40	106	129	0.82	25	45	374	
58	42	63	160	-0.40	40	-506	150	
53	35	112	296	-0.38	49	-618	362	
22	38	318	173	1.84	13	401	309	
43	39	72	251	0.29	25	-116	357	
48	45	82	186	0.44	33	-32	335	
59	34	99	127	-0.78	11	-265	376	
43	35	45	343	0.13	18	-133	327	

Averages for 1943, by thirds according to number of birds, weighted by farms:

36	44	198	154	1.34	28	2,608	High
34	44	210	163	1.40	26	952	Medium
44	39	67	231	0.30	27	-118	Low

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

34	44	211	163	1.29	27	1,184	1943
28	38	202	162	1.25	23	1,288	1942
26	25	43	178	0.24	33	-100	1940
25	25	49	181	0.27	29	-65	1939
26	27	68	175	0.39	30	98	1938

Factors from 33 CHICK accounts, 1943  
(Arranged by number of chicks started)

Farm number	Number started	Per cent of Chicks Raised		Broilers sold	Died	feed % number	Average per 100 chicks started	Value per chick	Average per mature equivalent hour of enter-	Return per labor	Profit on enterprise
		started	sold								
<b>Day-old straight-run chicks:</b>											
375	5,691	76	12	12	2,193	14	22	1.10	1.66	3.45	2,392
310	5,281	24	41	35	1,621	18	36	2.86	2.12	-0.36	-944
331	4,926	58	37	5	1,490	41	15	0.92	1.77	1.37	1,888
291	4,321	60	13	27	2,273	48	17	1.20	1.54	0.85	791
354	3,500	44	48	8	1,867	25	10	0.74	1.50	1.89	1,185
186	2,778	37	63	0	1,263	23	9	0.61	1.25	1.60	655
368	1,888	78	11	11	2,703	47	24	1.97	2.39	1.17	615
149	1,312	47	36	17	1,536	34	17	1.56	1.31	0.02	-154
150	800	20	39	41	3,168	30	14	3.47	2.00	-0.29	-237
327	515	38	45	17	2,277	53	14	1.90	1.50	0.26	-78
327	500	45	44	11	1,010	43	14	0.60	1.50	1.38	203
135	200	40	24	36	1,310	8	15	0.64	1.00	2.44	29
<b>Day-old sexed pullet chicks:</b>											
355	2,316	93	1	6	2,740	45	18	1.32	2.00	1.77	1,466
371	2,000	81	1	18	3,697	19	21	1.69	1.85	1.21	266
221	1,632	71	0	29	2,047	48	20	1.73	1.50	0.11	-267
146	1,224	83	1	16	1,600	20	28	1.27	1.50	1.63	235
338	952	69	3	28	1,744	36	25	1.34	1.50	0.81	106
324	874	80	4	16	1,934	22	27	1.19	1.23	0.66	27
309	565	87	4	9	1,713	13	20	0.92	1.04	1.25	55
166	520	62	8	30	1,519	42	25	1.52	1.50	0.42	-6
130	500	86	2	12	1,562	71	36	1.57	1.00	-0.20	-246
288	400	64	2	34	2,512	111	32	2.40	1.50	-0.02	-228
373	312	91	7	2	1,609	50	24	1.26	1.00	0.13	-74
<b>Miscellaneous Chicks:</b>											
361	8,145	25	53	22	1,426	35	22	1.49	1.22	0.16	-559
211	3,630	45	35	20	1,767	20	13	1.03	1.68	1.95	1,067
139	1,890	37	27	36	778	27	18	1.91	1.77	0.33	-71
174	1,786	66	11	23	1,972	28	24	1.54	1.25	-0.10	-339
171	1,500	70	3	27	1,527	39	35	1.60	1.25	-0.08	-372
374	1,196	37	43	20	1,857	26	20	0.55	1.58	2.04	409
340	900	44	47	9	3,267	88	16	3.16	1.87	-0.16	-512
165	876	93	0	7	1,952	15	60	1.33	2.00	4.84	552
164	260	70	24	6	1,731	46	17	0.89	1.77	1.89	159
281	238	82	10	8	3,571	43	24	1.64	2.04	1.11	78
<b>Annual averages, all farms, weighted by number of birds:</b>											
1943	1,922	54	28	18	1,888	32	21	1.38	1.62	0.87	245
1942	2,451	53	31	16	1,495	25	19	1.18	1.28	0.57	107
1940	1,682	46	31	23	1,537	29	16	1.14	1.09	0.23	-44
1939	1,824	40	42	18	1,503	28	13	1.06	1.04	0.29	-18
1938	1,992	42	42	16	1,375	26	13	0.86	1.03	0.59	140

Factors from 4 INCUBATION accounts, 1943  
(Arranged by number of eggs set)

Farm number	Eggs set	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			
	number	cents	%	\$	dollars	dollars	hours	dollars	
368	163,459	5.1	64	9.29	16.05	7.22	0.9	7.72	7,105
310	59,613	5.6	70	11.25	17.64	7.42	1.6	4.72	2,673
291	41,456	4.9	65	10.45	14.12	4.26	1.2	3.44	992
139	24,631	4.8	64	7.84	12.98	5.78	1.3	4.34	811
<u>Annual averages, all farms:</u>									
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
1940	23,325	3.6	62	8.35	12.19	4.42	1.9	2.38	558
1939	13,879	4.0	65	9.76	12.33	3.59	3.0	1.19	232
1938	13,519	3.5	65	9.00	12.16	4.03	2.7	1.48	276
1937	28,247	3.2	63	8.14	12.04	4.63	2.6	1.78	689
1936	37,586	3.0	60	7.60	11.99	4.91	1.9	2.54	993

Factors from 5 SHEEP accounts, 1943  
 (Arranged by number of sheep)

Farm number	Average number sheep	Lamb crop %	Average per sheep						Return per hour of labor dollars	Profit on enterprise dollars
			grain pounds	hay pounds	silage pounds	pasture cost dollars	wool pounds	hours		
368	123	168	372	520	390	3.23	9.2	9.3	0.46	-26
164	83	119	63	723	0	1.64	6.2	6.0	1.41	417
315	78	100	123	513	154	2.56	7.7	4.1	0.66	23
327	68	32	46	529	0	2.60	6.6	5.4	-1.18	-584
135	41	98	0	390	0	1.10	8.7	1.8	3.72	226
<u>Annual averages, all farms:</u>										
1943	79	111	162	550	153	2.43	7.7	6.1	0.53	11
1942	80	94	108	438	71	1.16	8.1	4.3	1.10	234
1940	69	98	163	516	222	1.09	7.8	4.5	0.59	83
1939	75	84	171	446	201	1.41	8.5	5.8	-0.03	-158
1938	60	99	163	605	86	0.99	6.6	6.0	-0.23	-194
1937	81	--	82	432	128	0.92	6.7	4.1	-0.32	-212
1936	72	--	136	462	162	1.50	6.1	4.0	0.68	94

Factors from 6 FEEDER LAMB accounts, 1943  
 (Arranged by number of lambs purchased)

Farm number	Lambs purchased	Average number of days fed	Mor-tal-ity %	Average per lamb purchased		Average per lamb sold		Return per hour of labor \$	Profit on enterprise \$
				cost	weight lbs.	value	weight lbs.		
221	1,172	119	3.8	7.32	64	13.11	85	0.97	724
170	779	135	5.4	5.41	55	11.06	79	0.55	-167
186	700	162	2.6	7.13	61	13.81	89	0.49	-54
149	368	164	8.2	7.30	61	13.26	85	-0.78	-704
81	331	83	1.2	6.53	54	8.50	66	-1.60	-1,169
211	326	101	2.1	7.03	71	13.89	90	0.30	-48
<u>Annual averages, all farms:</u>									
1943	613	130	4.0	6.78	61	12.47	83	0.23	-236
1942	651	155	4.3	7.75	56	13.16	84	0.74	239
1940	658	144	3.2	5.05	57	9.16	87	0.65	334
1939	570	150	3.7	5.07	48	8.29	84	-0.18	-476

Factors from 33 SWINE accounts, 1943  
(Arranged by number of pigs)

Farm number	Sold or slaughtered number	Pounds	Returns per pound slaughtered dollars	End inventory number	Return per hour of labor dollars	Profit on enterprise dollars
	number	pounds				
364	115	-----	-----	71	-0.28	-1332
81	38	6,428	0.19	27	-1.07	-687
163	33	-----	-----	20	0.62	56
149	28	4,575	0.24	39	0.85	210
327	28	-----	-----	5	-0.31	-347
211	23	-----	-----	9	-0.55	-285
171	19	3,038	0.20	30	-1.11	-326
361	19	2,557	0.26	4	0.54	36
135	16	2,118	0.19	2	0.22	-34
161	16	2,608	0.19	0	0.43	-14
315	14	-----	-----	0	0.62	3
362	13	-----	-----	12	-0.11	-92
376	13	-----	-----	15	1.07	62
324	11	1,075	0.20	9	-0.86	-110
344	6	1,511	0.21	2	0.09	-88
368	5	823	0.21	0	-0.24	-89
146	4	-----	-----	0	-0.20	-90
166	4	-----	-----	11	-0.12	-75
267	4	1,000	0.14	0	0.52	-10
331	4	775	0.20	0	0.01	-30
355	4	675	0.20	9	0.48	16
377	4	-----	-----	5	-1.02	-135
186	3	-----	-----	0	0.53	-1
335	3	750	0.25	7	1.27	82
370	3	-----	-----	0	0.28	-20
24	2	-----	-----	1	-0.08	-65
174	2	400	0.17	7	0.07	-42
200	2	350	0.23	1	-0.67	-15
309	2	585	0.12	0	-0.70	-54
281	2	714	0.17	0	-0.02	-20
345	2	450	0.22	0	0.05	-160
373	2	420	0.20	0	0.07	-58
150	1	251	0.20	5	0.38	-37

Averages for 1943, according to thirds by number of pigs, weighted by farms:

High	32	3,554	0.21	23	0	-247
Medium	7	975	0.19	9	-0.03	-58
Low	2	190	0.20	4	0.11	-35

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

1943	13	943	0.21	9	-0.06	-114
1942	8	1,330	0.19	9	0.65	59

Factors from 17 POTATO accounts, 1943  
(Arranged by acres of potatoes)

Farm number	Potatoes grown	Yield per acre	Cost per acre				Labor per acre hours	Return per hour of labor	Profit on enterprise	
			spray			Average per bushel value				
			fertilizer	dust	growing	cost				
acres	bu.		\$	\$	\$	\$				
267	62.0	189	19	7	102	0.86	1.45	83	2.04	6,916
221	59.0	115	17	10	97	1.26	1.36	99	0.61	719
316	50.4	265	34	14	148	0.89	1.45	100	2.11	7,456
165	48.0	269	26	5	115	0.58	1.24	76	2.91	8,546
164	45.4	222	29	9	111	0.78	1.43	100	1.90	6,527
166	45.0	267	24	6	100	0.51	1.17	78	2.76	8,006
186	38.7	248	17	7	113	0.73	1.22	111	1.68	4,763
146	28.4	192	28	11	116	0.89	1.24	79	1.56	1,919
130	17.0	127	15	5	99	1.00	1.11	73	0.67	226
344	17.0	251	23	8	117	0.80	1.67	119	2.46	3,689
285	13.0	70	15	11	99	2.00	1.91	89	0.47	-85
324	11.6	151	31	5	110	1.04	1.45	85	1.24	712
357	11.0	138	10	12	91	0.95	1.41	94	1.21	698
164	9.5	132	0	8	61	0.67	1.11	47	1.79	546
149	8.6	81	13	3	87	1.22	0.94	50	-0.08	-192
145	3.5	97	5	4	111	1.34	1.59	53	0.93	84
361	3.5	106	5	3	39	0.62	0.99	60	1.02	139

Averages for 1943, by thirds according to number of acres, weighted by farms:										
High	51.6	221	25	8	112	0.81	1.35	89	2.06	6,362
Medium	21.0	173	22	8	109	1.08	1.43	93	1.35	1,871
Low	7.2	111	7	6	78	0.96	1.21	61	0.97	255

Annual averages, all farms, weighted by number of acres:										
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
1940	22.1	222	16	5	72	0.48	0.45	88	0.24	-146
1939	22.3	207	15	5	67	0.47	0.63	79	0.74	772
1938	18.4	232	17	4	62	0.42	0.57	90	0.67	607
1937	20.3	203	13	4	72	0.50	0.43	80	0.13	-282
1936	21.6	171	10	3	61	0.51	0.92	72	1.26	1,511

Factors from 11 CABBAGE accounts, 1943  
(Arranged by acres of cabbage)

Farm number	Cabbage grown acres	Yield per acre tons	Average per ton			Labor per acre hours	Labor returns		Profit on enterprise \$
			Average per acre		net cost		per acre	per hour	
			cost	returns	\$		\$	\$	
170	30.8	12.2	185	345	15.16	28.35	98	230	2.36 4,949
221	22.0	17.2	166	668	9.37	38.52	145	567	3.92 11,045
211	20.0	7.2	82	282	11.17	38.95	92	241	2.61 3,995
315	17.5	8.5	101	285	11.64	33.16	94	239	2.53 3,211
149	8.3	11.1	107	367	9.66	33.11	98	296	3.03 2,159
357	8.0	10.0	146	333	14.64	33.38	85	263	3.09 1,496
335	7.0	4.1	152	99	37.31	24.34	133	22	0.16 -371
150	7.0	6.1	111	198	18.20	32.51	77	135	1.76 611
171	3.8	8.3	142	260	17.14	31.33	132	190	1.44 447
186	2.0	8.6	100	276	11.69	32.09	108	237	2.18 351
130	2.0	9.2	110	270	11.89	29.19	92	206	2.22 320

Averages for 1943, by thirds according to number of acres, weighted by farms:

High	22.6	11.3	134	395	11.84	34.74	107	319	2.86	5,800
Medium	7.6	7.8	129	249	19.95	30.84	98	179	2.01	974
Low	2.6	8.7	117	269	13.57	30.87	111	211	1.95	373

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

1943	11.7	10.6	137	357	12.87	33.63	106	279	2.64	2,565
1942	10.8	11.8	104	139	8.74	11.69	104	80	0.77	378
1940	13.3	10.6	75	60	7.05	5.61	94	12	0.13	-204
1939	11.9	9.2	84	150	9.10	16.23	103	95	0.92	785
1938	10.7	12.6	75	53	5.91	4.16	100	6	0.06	-236
1937	9.9	8.9	69	120	7.74	13.44	81	74	0.92	504
1936	10.1	8.7	68	125	7.66	14.26	89	83	0.93	579

Factors from 10 DRY BEAN accounts, 1943  
(Arranged by acres of beans)

Farm number	Beans grown	Yield per acre	Average per bushel			Labor per acre hours	Labor returns per acre	Profit on enterprise		
			Average cost	per acre	net cost					
			bushel	\$	\$					
221	30.0	21	62	78	2.89	3.63	69	48	0.69	468
361	23.5	22	37	73	1.53	3.20	24	45	1.85	850
81	20.8	8	40	24	5.09	2.99	33	1	0.02	-339
164	16.0	13	38	53	2.77	3.87	17	24	1.46	237
202	12.5	8	33	38	2.98	3.60	27	16	0.58	61
368	11.0	15	42	58	2.59	3.68	21	26	1.21	173
376	10.0	19	71	70	3.46	3.10	46	35	0.76	-11
324	10.0	25	62	55	2.18	1.90	36	11	0.32	-70
377	5.0	31	56	97	1.68	3.01	32	57	1.80	205
186	2.0	26	48	91	1.65	3.50	36	64	1.74	86
<b>Annual averages, all farms, weighted by acres of beans:</b>										
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
1940	16.2	8	30	16	3.81	2.04	25	-5	-0.22	-219
1939	19.7	15	31	31	1.94	1.90	24	7	0.30	-11

Factors from 7 CANNING-FACTORY CORN accounts, 1943  
(Arranged by acres of corn)

Farm number	Corn grown	Yield per acre	Average per ton			Labor per acre hours	Labor returns per acre	Profit on enterprise		
			Average cost	per acre	net cost					
			tons	\$	\$					
267	43.8	3.4	51	90	14.97	26.73	36	61	1.69	1,740
221	32.0	2.2	44	60	19.96	27.01	39	38	0.97	497
211	23.0	2.2	38	59	17.16	27.00	36	38	1.04	495
357	13.3	1.9	47	57	22.34	27.42	35	29	0.84	126
130	10.5	1.2	44	36	37.64	30.33	29	6	0.20	-90
361	4.0	4.3	67	133	9.08	24.34	42	81	1.93	264
377	4.0	4.4	69	135	14.38	29.21	40	87	2.14	264
<b>Annual averages, all farms, weighted by acres of corn:</b>										
1943	18.7	2.6	47	72	17.40	27.09	36	45	1.23	471

Factors from 7 CANNING-FACTORY PEA accounts, 1943  
 (Arranged by acres of peas)

Farm number	Peas grown	Yield of shelled peas		Average per acre cost		Average per ton cost		Labor per acre hours	Labor returns per acre	Labor returns per hour	Profit on enterprise
		acres	pounds	\$	\$	\$	\$				
211	37.0	725	46	32	126.72	87.54	7	-11	-1.72	-525	
221	34.0	1,109	54	49	97.46	87.30	11	-1	-0.08	-192	
146	12.4	2,205	57	96	51.90	87.30	13	48	3.65	485	
361	11.0	2,266	54	101	46.08	87.36	19	53	2.85	516	
377	10.5	2,371	51	104	43.39	87.82	19	62	3.25	551	
186	6.0	1,053	63	39	118.44	73.75	18	-14	-0.80	-143	
371	2.0	412	52	18	260.00	90.00	18	-25	-1.39	-68	
<u>Annual averages, all farms, weighted by acres of peas:</u>											
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	
1940	11.0	2,330	40	57	34.36	48.38	18	22	1.23	180	
1939	11.0	1,406	40	35	55.00	49.00	18	1	0.06	-50	

Factors from 11 CANNING-FACTORY TOMATO accounts, 1943  
 (Arranged by acres of tomatoes)

Farm number	Tomatoes grown	Yield per acre		Average per acre cost		Average per ton cost		Labor per acre hours	Labor returns per acre	Labor returns per hour	Profit on enterprise
		acres	tons	\$	\$	\$	\$				
170	39.7	8.3	199	204	24.11	24.77	115	104	0.90	216	
315	17.2	14.0	156	376	11.15	26.90	154	315	2.05	3,786	
149	12.0	11.2	135	270	11.99	24.00	143	188	1.31	1,619	
327	10.0	6.6	136	154	20.41	23.21	110	76	0.69	186	
221	9.0	3.5	103	88	29.00	24.89	97	29	0.30	-131	
211	7.0	7.1	114	195	16.13	27.46	114	131	1.15	562	
171	6.5	17.5	187	438	10.67	25.03	131	323	2.47	1,634	
130	6.0	8.3	126	206	15.10	24.72	94	126	1.34	481	
357	4.5	14.3	206	366	14.36	25.57	212	282	1.33	722	
376	4.5	6.6	166	155	25.03	23.46	108	74	0.69	-47	
81	2.0	5.4	123	132	22.99	24.58	92	57	0.62	17	
<u>Annual averages, all farms, weighted by acres of tomatoes:</u>											
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	124	0.75	510	
1940	10.8	6.2	92	71	14.73	11.46	120	13	0.11	-220	
1939	12.6	9.1	93	111	10.19	12.18	130	54	0.41	230	
1938	12.8	10.1	96	129	9.46	12.80	143	74	0.52	432	
1937	9.2	9.9	93	132	9.31	13.27	146	83	0.57	361	

Factors from 19 APPLE accounts, 1943  
(Arranged by acres of apples)

Farm number	Orchard fruit bearing per acre	age	Yield packable	Labor		Net to grower			Return	
				to grow an acre	to harvest market a bu.	Cost of spray materials	Cost to grow an acre	re-cost per bu.	per hour of labor	Profit on enterprise.
				acres	bu.	hrs.	min.	\$	\$	\$
339	109.0	358	28	31	14	87	0.58	1.81	2.66	47,627
366	92.0	72	24	27	12	57	1.14	2.01	1.79	5,759
192	88.8	244	50	18	25	116	0.81	1.99	2.94	25,421
298	85.6	23	50	78	9	72	1.02	1.16	-0.27	-5,656
170	81.2	335	40	10	12	74	0.31	1.10	3.41	21,528
340	55.1	41	38	82	13	61	2.31	1.92	0.31	-894
315	54.5	305	23	12	17	49	0.35	1.40	4.57	17,476
24	53.0	111	49	57	8	55	1.02	1.62	0.92	3,532
185	45.0	100	41	34	21	87	1.28	2.35	1.72	4,819
376	38.5	206	34	14	18	107	0.74	1.44	2.54	5,598
359	25.0	99	24	44	10	34	0.73	2.11	1.89	3,408
81	23.4	162	24	20	17	58	0.41	1.08	1.92	2,554
200	22.3	75	16	21	13	19	0.84	1.45	1.63	1,014
150	17.5	67	10	34	10	144	1.03	1.17	0.72	100
345	17.3	38	28	37	8	40	1.58	1.75	0.73	113
171	15.3	26	9	18	4	27	1.24	0.72	-0.23	-202
335	9.6	77	20	41	28	87	1.36	1.05	0.28	-233
370	8.0	150	20	16	5	23	0.29	1.39	3.22	1,314
149	5.0	229	26	19	10	49	0.37	1.56	3.10	1,355

Averages for 1943, by thirds according to number of acres, weighted by farms:

High	80.9	197	30	37	15	74	1.30	1.63	2.20	15,894
Medium	34.5	126	31	32	14	65	0.84	1.68	1.77	3,488
Low	12.1	98	19	28	11	45	0.99	1.27	1.30	408

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

1943	44.5	174	34	24	14	72	0.70	1.61	2.12	7,086
1942	43.4	212	34	26	11	65	0.52	0.85	1.07	3,315
1940	40.9	126	30	28	10	53	0.65	0.64	0.35	-67
1939	36.9	166	44	32	12	60	0.59	0.40	0.09	-1,177
1938	36.4	173	44	28	12	62	0.57	0.64	0.44	440
1937	37.5	173	53	31	12	67	0.61	0.46	0.16	-985
1936	38.7	155	40	26	11	56	0.55	0.86	0.79	1,851

Factors from FRUIT accounts, 1943  
 (Arranged by acres of fruit)

Farm number	Orchard bearing age	Yield per acre	Labor			Net to grower			Return per hour of labor	
			packable	to grow	Cost of spray materials	Cost to grow an acre	cost per bu.	turns per bu.	Profit	
acres	bushels	hrs. min.	\$	\$	\$	\$	\$	\$	\$	\$

5 accounts with PEACHES

170	11.4	2	12	150	3	31	20.10	4.60	-0.97	-310
200	9.0	5	12	50	1	28	7.05	3.09	-0.66	-174
315	8.9	1	8	18	1	15	10.85	4.00	-0.68	-89
335	5.1	5	6	249	3	26	7.88	3.04	-0.35	-126
376	2.5	0	35	0	10	73	0	0	-1.28	-182

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

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
1940	7.7	112	45	26	4	38	0.45	0.64	0.57	209
1939	5.4	129	48	29	6	41	0.52	0.61	0.41	59

4 accounts with PEARS

170	10.9	160	12	18	13	62	0.61	2.50	5.79	3,286
298	8.6	27	30	71	8	60	3.08	2.96	0.49	-27
314	6.8	22	9	60	0	18	1.54	3.24	1.74	261
315	6.0	4	0	40	0	4	1.30	2.70	2.72	38

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

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
1940	5.8	63	8	39	2	19	0.55	0.77	0.58	79
1939	6.2	83	16	32	2	25	0.50	0.62	0.46	62

5 accounts with CHERRIES

Yield per acre	Average per acre				Net to grower				
	per acre	labor	cost of spray materials	cost to grow	cost per pound	returns per pound			
315	13.0	1,434	9	5	35	5.9	9.3	1.00	640
335	6.9	6,199	16	17	90	5.1	8.6	1.48	1,489
170	4.8	5,386	24	7	71	4.3	8.5	1.33	1,076
298	4.5	0	12	12	62	0	0	-5.06	-297
376	4.5	6,147	56	20	128	6.4	8.9	1.29	681

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

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
1940	5.6	3,969	24	5	38	2.2	3.5	0.66	281
1939	7.6	5,506	21	5	38	2.2	1.9	0.25	-115

## Factors from 28 ALFALFA accounts, 1943

Farm number	Alfalfa per farm	Yield per acre	Average per acre cost	Average per acre returns	Average per ton cost	Average per ton value	Labor per acre hours	Labor returns per acre	Labor returns per hour	Profit on enterprise
	acres	tons	\$	\$	\$	\$	hours	\$	\$	\$
130	62.8	2.4	30	37	12	16	18	17	0.92	485
146	47.8	2.2	23	46	11	21	10	29	2.95	1,069
315	43.5	1.8	18	27	10	15	8	14	1.72	391
164	39.5	1.8	22	22	12	12	10	5	0.57	-1
170	38.8	2.1	25	26	12	12	8	6	0.82	33
149	34.8	2.6	29	43	10	15	9	17	1.91	482
370	29.5	3.5	26	41	8	12	9	20	2.20	452
368	29.1	3.0	43	67	14	22	18	33	1.87	719
221	27.5	1.9	40	21	21	11	16	-11	-0.68	-511
371	25.0	1.8	19	36	10	20	9	23	2.48	447
24	23.4	2.0	32	41	16	20	21	19	0.90	193
361	23.0	4.3	38	71	9	16	16	38	2.32	740
135	21.1	1.7	19	27	11	16	9	13	1.43	166
369	21.0	1.3	26	19	20	15	5	-5	-0.99	-146
163	20.9	2.7	27	41	9	14	12	19	1.63	292
327	20.8	3.3	43	84	13	26	17	14	2.67	838
357	18.0	2.4	21	42	7	16	11	28	2.49	395
358	17.5	1.8	21	27	12	15	10	12	1.11	107
139	17.4	2.8	32	61	12	22	13	35	2.74	509
335	15.4	1.9	28	29	15	15	16	11	0.64	14
81	14.5	2.2	25	35	11	16	12	16	1.35	144
166	12.4	1.6	17	21	9	12	8	9	1.01	59
374	12.0	2.7	32	49	12	18	12	26	2.15	206
165	9.6	2.0	24	29	12	15	12	11	0.98	47
202	6.0	3.3	27	44	8	13	19	25	1.31	104
267	5.0	2.0	65	50	33	25	16	-4	-0.25	-76
377	4.5	3.6	28	60	8	17	14	40	2.84	146
316	4.0	2.0	43	40	21	20	8	2	0.21	-11

Averages for 1943, by thirds according to acres of alfalfa, weighted by farms:

High	37.8	2.3	28	37	12	16	12	15	1.48	357
Medium	20.3	2.5	29	46	12	18	13	23	1.59	344
Low	9.3	2.4	32	40	14	17	13	15	1.14	70

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

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
1940	21.9	2.6	22	23	8	9	13	5	0.41	27
1939	21.5	1.7	19	24	10	14	9	8	0.93	123

Factors from 60 HAY accounts other than Alfalfa, 1943  
 (Arranged by acres of hay)

Farm number	Kind of hay*	Hay per farm acres	Yield per acre	Average per acre cost returns		Average per ton cost value		Labor per acre hours	Labor returns per acre		Profit on enterprise \$
				tons	\$	cost	\$		per hour	\$	
188	3	121.0	2.8	20	36	4	10	6	19	3.23	1,894
359	3	112.0	2.0	25	45	13	23	9	24	2.54	2,272
211	3	91.1	1.4	19	16	14	12	8	-1	-0.10	-238
358	3	90.9	1.5	24	23	16	16	8	4	0.50	-16
344	5	75.0	2.7	33	29	12	11	9	1	0.09	-350
364	3	64.4	1.7	20	18	12	10	6	1	0.10	-120
362	3	60.0	1.8	26	34	14	18	9	13	1.38	487
375	5	54.0	2.0	14	27	7	14	5	15	3.01	711
186	3	52.5	1.7	21	17	13	10	8	0	0.06	-217
150	5	52.0	2.0	24	23	12	12	8	4	0.52	-65
24	3	46.2	1.5	26	26	18	18	14	8	0.53	18
331	3	45.9	3.6	36	36	10	10	21	9	0.43	-7
281	3	43.7	1.9	20	30	10	15	8	13	1.56	428
309	3	42.6	1.9	18	31	10	17	9	18	1.93	551
139	3	41.9	1.4	14	18	10	13	5	6	1.21	165
306	3	34.8	2.0	27	25	14	13	6	2	0.35	-37
288	5	32.6	2.3	18	31	7	13	11	19	1.76	440
345	2	30.7	1.3	28	27	22	21	7	3	0.38	-49
361	3	30.5	1.5	26	20	17	14	8	-3	-0.38	-170
149	3	30.5	1.3	16	19	11	14	3	4	1.45	101
221	5	30.0	1.1	15	14	13	13	8	3	0.34	-26
324	3	26.8	1.9	31	23	16	12	8	-4	-0.46	-208
357	3	25.4	1.6	14	21	7	12	10	13	1.22	186
355	2	24.7	1.7	22	27	12	15	6	7	1.06	106
373	5	24.7	2.0	26	21	12	10	11	1	0.11	-134
354	3	23.3	1.5	18	15	11	9	13	4	0.33	-63
335	3	22.3	1.5	31	23	21	15	20	2	0.12	-200
165	2	21.1	1.8	22	19	13	11	10	2	0.25	-64
202	3	20.2	1.4	20	15	14	10	8	-2	-0.29	-110
166	3	20.1	1.5	16	20	10	12	6	6	0.97	62
316	2	20.0	2.0	20	26	10	13	9	10	1.12	112
163	3	19.6	2.3	25	30	10	12	8	9	1.05	102
163	2	19.2	1.1	10	13	8	12	5	6	1.26	74
200	3	19.2	2.6	38	39	14	15	15	10	0.65	29
327	3	18.5	1.9	31	19	16	25	12	22	2.75	344
374	3	18.0	2.1	31	28	13	12	8	4	0.43	-41
316	3	17.5	2.2	47	35	22	16	15	-5	-0.30	-221
285	3	17.2	1.0	32	14	30	13	9	-13	-1.33	-304
145	3	17.0	3.0	31	45	10	15	13	20	1.49	232
355	3	16.2	4.4	34	67	8	15	13	38	3.00	535
338	5	16.0	2.0	30	19	15	10	9	-6	-0.61	-165
368	2	16.0	1.9	22	35	11	18	10	18	1.93	221
377	5	16.0	2.3	28	29	12	12	9	6	0.64	18
171	3	15.8	1.7	19	18	11	10	7	3	0.41	-16

- continued -

Factors from HAY accounts other than Alfalfa, 1943  
 - continued -

Farm number	Kind of hay*	Hay per farm	Yield per acre	Average per acre		Average per ton		Labor per acre	Labor returns per acre hour		Profit on enterprise
				cost	returns	cost	value		\$	\$	
			acres	tons	\$	\$	\$	hours	\$	\$	\$
149	2	14.0	2.1	17	21	8	10	7	7	0.96	60
164	3	14.0	1.6	33	41	8	13	10	14	1.37	114
165	3	13.6	1.4	18	17	13	12	6	2	0.36	-17
174	3	12.5	1.6	40	22	25	14	10	-11	-1.14	-217
221	5	11.0	1.1	22	11	20	10	9	-6	-0.70	-117
170	3	10.7	1.9	24	22	13	12	6	3	0.42	-19
281	2	10.5	1.3	22	22	16	16	8	3	0.34	-1
370	3	10.0	2.2	26	26	12	12	6	4	0.57	5
135	5	7.0	0.7	7	14	10	20	4	10	2.23	49
369	3	7.0	1.4	32	15	22	10	6	-15	-2.67	-118
376	2	7.0	1.1	23	23	20	20	12	9	0.76	-2
310	3	6.0	1.7	29	17	17	10	6	-8	-1.36	-72
338	3	5.5	3.3	53	45	16	14	16	-1	-0.05	-47
376	3	5.0	2.0	30	40	15	20	14	21	1.47	48
202	2	5.0	2.4	23	29	10	12	16	12	0.75	29
139	1	2.5	4.4	41	70	9	16	23	40	1.74	73

Averages for 1943, by thirds according to acres of hay, weighted by farms:

High	57.6	1.9	23	27	12	14	8	8	1.03	290
Medium	21.1	1.9	26	27	14	13	10	7	0.69	21
Low	10.3	1.9	27	27	14	14	10	5	0.37	-9

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

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
1940	28.2	1.7	18	16	10	9	8	0	-0.03	-81
1939	32.5	1.3	17	16	13	12	6	1	0.16	-28
1938	32.4	1.7	17	13	10	7	8	-2	-0.19	-108
1937	36.6	1.7	18	15	10	8	8	0	-0.02	-91
1936	34.8	1.3	15	16	12	12	7	3	0.45	30

\* The number indicates the kind of hay. 1 - clover; 2 - timothy; 3 - mixed leguminous hay; 4 - sweet clover; and 5 - mixed hay.

Factors from 36 CORN SILAGE accounts, 1943  
(Arranged by acres of silage)

Farm number	Silage per farm	Yield per acre	Labor per ton	Labor per acre			Cost per acre manure	Cost per ton to harvest	Cost per ton
	acres	tons	hours	to grow	to harvest				
362	38.0	5	6.0	11	18		12	47	8.50
335	30.2	2	9.1	10	8		2	36	17.98
188	25.5	13	0.7	6	4		9	41	3.05
359	22.0	9	3.9	8	25		4	44	5.15
375	21.0	10	2.0	6	14		9	45	4.66
149	18.4	5	3.0	8	8		1	37	6.74
331	17.7	10	2.4	7	17		15	53	5.39
130	17.5	7	3.7	12	16		8	56	7.70
200	17.2	6	3.6	8	13		1	41	7.10
281	17.0	13	3.3	21	20		22	73	5.84
316	16.5	9	4.0	13	23		11	79	8.84
344	15.5	12	2.4	7	23		10	68	5.56
306	14.3	9	3.6	19	15		4	54	5.79
150	13.5	10	2.4	6	17		5	48	4.98
377	11.9	18	1.5	9	19		10	52	2.68
355	11.5	12	2.0	4	20		7	46	3.77
145	11.0	10	2.0	7	13		11	41	4.21
371	11.0	7	3.1	9	14		8	43	5.98
370	11.0	12	3.1	17	20		21	79	6.68
364	10.5	8	3.4	12	20		10	75	8.10
309	10.5	8	3.0	10	13		11	42	5.65
288	10.3	7	3.6	10	16		6	49	6.73
163	9.5	10	3.5	8	26		7	49	5.10
374	9.5	5	3.9	14	13		6	85	12.00
165	9.2	11	3.6	13	26		9	63	5.79
166	9.0	9	3.2	12	16		9	45	5.04
369	8.5	7	2.3	6	11		3	49	6.73
361	8.0	14	4.0	15	42		5	73	5.11
368	7.6	9	4.4	5	34		5	61	6.97
357	7.0	10	2.3	5	17		12	49	4.87
164	6.5	8	2.6	5	15		14	57	7.53
186	6.5	9	2.6	6	19		7	43	4.59
324	6.5	12	2.4	8	27		8	71	4.88
202	6.0	8	2.7	9	12		5	40	5.28
139	5.0	20	2.2	25	20		22	85	4.26
373	13.9	9	4.5	20	22		14	77	7.61

Averages for 1943, by thirds according to acres of silage, weighted by farms:

High	21.4	8	3.7	10	16	9	52	2.51	7.21
Medium	11.2	10	2.9	10	17	9	55	2.03	5.97
Low	7.0	10	3.1	11	22	9	59	2.21	5.72

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

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
1940	14.4	8	3.5	11	17	8	40	1.53	4.95
1939	13.4	8	3.6	12	18	8	38	1.37	4.33

Factors from 23 CORN FOR GRAIN accounts, 1943  
 (Arranged by acres of grain)

Farm number	Grain per farm	Yield per acre	Average cost returns	Average cost value	Labor per acre	Labor returns		Profit on enterprise		
	acres	bushels	\$	\$	hours	per acre	per hour	\$		
371	28.0	39	31	65	0.79	1.65	18	4.3	2.43	938
221	20.0	35	42	52	1.19	1.50	20	20	0.99	216
359	18.0	67	35	90	0.53	1.35	31	68	2.20	991
149	17.8	51	44	58	0.82	1.10	41	29	0.71	250
146	11.4	38	24	50	0.63	1.30	11	33	2.98	368
377	13.0	32	47	44	1.50	1.40	23	9	0.38	-4.1
368	12.8	26	34	51	0.94	1.59	21	27	1.29	215
174	12.0	21	48	30	2.05	1.19	22	-5	-0.24	-215
171	11.6	23	37	28	1.51	1.10	24	3	0.14	-112
361	11.0	55	35	116	0.52	2.00	18	87	4.85	891
345	11.0	23	50	30	2.12	1.20	36	1	0.03	-230
310	10.0	40	52	56	1.30	1.40	12	12	1.00	41
81	9.5	39	63	43	1.61	1.10	49	6	0.12	-187
200	9.1	12	56	20	4.43	1.39	27	-22	-0.83	-334
288	9.0	28	35	56	1.04	1.80	30	36	1.19	189
324	9.0	44	49	74	0.74	1.30	35	43	1.23	225
186	8.0	56	45	75	0.80	1.33	15	39	2.51	239
145	8.0	47	50	78	0.66	1.26	54	54	1.00	230
150	6.5	44	41	53	0.92	1.20	24	29	1.21	81
315*	5.0	0	7	0	0	0	2	-6	-2.55	-34
24	5.0	25	42	35	1.70	1.40	21	3	0.15	-37
355	4.5	49	42	84	0.75	1.60	38	56	1.47	189
135	4.0	25	40	68	0.92	2.00	26	42	1.63	108
376	3.0	40	87	87	1.67	1.67	43	34	0.78	---
374	3.0	33	53	37	1.60	1.10	25	1	0.04	-50
<b>Averages for 1943, by thirds according to acres of corn, weighted by farms:</b>										
High	17.0	39	38	55	1.06	1.38	23	28	1.34	340
Medium	10.0	33	47	53	1.66	1.41	29	21	0.97	60
Low	5.2	35	45	57	1.00	1.28	28	28	0.69	81
<b>Annual averages, all farms, weighted by acres of corn:</b>										
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
1940	9.8	26	32	27	1.09	0.89	32	4	0.11	-53
1939	8.1	42	40	42	0.90	0.93	48	15	0.32	12

\* Crop failure.

Factors from 18 OAT accounts, 1943  
 (Arranged by acres of oats)

Farm number	Grain per farm	Yield per acre	Average cost per acre	Average cost per bushel	Labor per acre	Labor returns per acre	Profit on enterprise
	acres	bushels	\$	\$	hours	\$	\$
188	40.5	15	25	1.44	0.96	9	-2 -0.24 -299
316	23.6	9	30	3.14	0.50	7	-20 -3.01 -560
221	22.0	30	28	42	0.74	1.22	13 20 1.55 313
164	21.0	18	24	23	1.19	1.10	9 3 0.39 -33
165	18.5	18	26	21	1.27	1.00	12 1 0.12 -91
188	12.0	6	28	6	4.52	0.96	8 -18 -2.28 -267
362	12.0	29	48	36	1.40	1.00	32 4 0.11 -140
375	11.0	9	24	6	2.43	0.50	7 -15 -2.01 -196
170	10.6	26	53	40	1.84	1.36	10 -6 -0.56 -133
364	10.5	24	27	26	1.02	1.00	13 5 0.37 -4
24	9.8	8	35	6	4.63	0.75	10 -25 -2.60 -291
369	9.5	16	32	10	1.97	0.60	11 18 -1.72 -214
174	9.0	32	46	42	1.10	0.96	12 2 0.19 -41
163	7.5	25	26	22	0.96	0.80	9 0 -0.04 -30
186	7.0	14	23	10	1.51	0.60	5 -10 -1.97 -91
146	6.2	23	31	20	1.36	0.90	8 -5 -0.67 -65
130	3.5	35	55	37	1.41	0.90	29 -3 -0.12 -62
281	3.5	9	38	13	3.64	0.97	12 -21 -1.67 -88
<u>Averages for 1943, by thirds according to acres of oats, weighted by farms:</u>							
High	22.9	16	27	19	2.05	0.96	10 -4 -0.58 -156
Medium	10.6	19	36	21	2.22	0.87	14 -3 -1.07 -163
Low	6.1	23	36	24	1.66	0.86	12 -6 -0.71 -63
<u>Annual averages, all farms, weighted by acres of oats:</u>							
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
1940	14.7	42	25	22	0.51	0.44	15 2 0.10 -42
1939	15.6	38	23	21	0.53	0.48	14 2 0.14 -31
1938	14.9	39	25	17	0.56	0.37	16 -3 -0.18 -112
1937	13.1	29	26	17	0.80	0.48	16 -4 -0.26 -119
1936	14.8	24	23	20	0.82	0.67	13 1 0.04 -52

Factors from 19 MIXED SPRING GRAIN accounts, 1943  
(Arranged by acres of grain)

Farm number	Grain per farm	Yield per acre	Average cost per acre	Average returns per bushel	Labor per acre	Labor returns per acre		Profit on enterprise
	acres	bushels	\$	\$	hours	\$	\$	\$
359	33.0	6	28	9	4.10	0.93	13	-14 -1.05 -633
150	23.8	15	25	20	1.59	1.25	6	-1 -0.18 -121
361	23.3	21	23	26	0.84	1.00	9	6 0.71 77
202	20.5	6	23	7	3.61	1.00	9	-12 -1.28 -326
324	15.7	16	30	19	1.72	1.00	10	-6 -0.66 -178
309	15.0	32	41	36	1.17	1.01	13	2 0.13 -76
306	14.1	34	38	46	0.98	1.20	15	15 1.01 106
288	12.9	18	35	22	1.76	1.00	11	-8 -0.71 -174
145	11.0	21	32	26	1.18	0.90	13	0 0 -66
370	11.0	10	30	12	2.66	0.75	9	-14 -1.51 -200
374	10.5	22	42	37	1.30	1.10	13	5 0.36 -47
81	10.0	12	39	16	2.92	1.00	15	-15 -1.00 -231
164	9.8	14	23	20	1.39	1.20	7	1 0.15 -27
200	9.2	5	32	3	5.72	0.40	10	-23 -2.25 -266
355	7.2	27	47	39	1.29	1.00	19	-1 -0.04 -57
281	6.0	18	37	26	1.84	1.21	18	-5 -0.27 -67
344	6.0	31	58	28	1.76	0.80	19	-19 -1.04 -181
166	5.6	33	24	41	0.51	1.01	12	22 1.77 92
163	4.0	32	26	33	0.75	0.95	7	10 1.39 27
<u>Averages for 1943, by thirds according to acres of grain, weighted by farms:</u>								
High	20.8	19	30	23	2.00	1.06	11	-1 -0.19 -164
Medium	10.9	16	34	22	1.87	0.99	11	-5 -0.45 -124
Low	6.3	24	37	28	1.98	0.90	14	-3 -0.07 -75
<u>Annual averages, all farms, weighted by acres of grain:</u>								
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
1940	14.4	40	25	25	0.52	0.53	15	5 0.33 8
1939	14.7	36	24	25	0.54	0.56	14	5 0.34 10
1938	15.1	34	25	20	0.63	0.49	15	0 -0.01 -71
1937	15.7	26	26	17	0.88	0.55	15	-4 -0.28 -135
1936	15.6	20	24	18	1.02	0.73	14	-2 -0.13 -92

Factors from 27 WHEAT accounts, 1943  
(Arranged by acres of wheat)

Farm number	Grain per farm	Yield per acre	Average per acre		Average per bushel		Labor per acre	Labor returns per acre per hour		Profit on enterprise
	acres	bushels	\$	\$	\$	\$	hours	\$	\$	\$
267	46.0	18	21	32	1.17	1.74	6	14	2.36	479
221	38.0	21	20	37	0.79	1.56	7	20	2.79	631
146	37.0	19	24	41	0.56	1.45	11	24	2.25	643
315	31.5	8	23	15	2.36	1.43	11	-2	-0.18	-241
211	24.0	38	25	63	0.49	1.53	12	43	3.60	929
130	23.1	29	38	57	0.93	1.60	13	26	1.94	453
371	22.0	21	24	38	0.80	1.47	13	20	1.61	307
186	19.0	28	30	42	0.86	1.27	13	19	1.45	222
288	19.0	16	28	33	1.14	1.78	14	11	0.79	102
368	18.7	39	31	69	0.64	1.60	11	42	3.70	700
310	18.0	18	28	36	1.03	1.52	7	12	1.76	159
150	17.0	28	41	66	0.95	1.84	12	32	2.77	425
327	16.8	19	37	45	1.17	1.60	10	12	1.29	139
171	16.5	3	13	5	3.90	1.20	6	-5	-0.86	-135
361	15.0	18	24	46	0.51	1.74	10	25	2.60	325
135	14.9	17	11	30	0.63	1.75	3	21	8.05	289
149	14.0	5	19	12	2.99	2.41	6	-5	-0.73	-95
145	11.9	13	27	24	1.58	1.35	8	1	0.07	-35
324	10.7	7	33	19	4.14	2.25	11	-9	-0.85	-144
81	10.1	29	28	47	0.87	1.50	12	24	2.04	187
164	8.6	22	29	48	0.95	1.80	13	26	1.92	161
369	8.0	16	20	22	1.25	1.40	8	6	0.79	19
24	6.5	23	44	41	1.63	1.51	28	10	0.37	-19
374	5.0	16	28	22	1.74	1.40	7	-2	-0.25	-27
139	4.8	27	47	73	0.71	2.68	24	34	1.43	122
202	4.2	18	28	45	1.51	2.45	10	20	2.07	69
376	3.5	15	43	39	1.96	1.69	21	13	0.59	-14

Averages for 1943, by thirds according to acres of wheat, weighted by farms:

High	28.8	22	26	40	1.04	1.54	11	19	1.85	392
Medium	15.9	18	26	37	1.49	1.67	8	15	2.07	197
Low	6.8	19	33	40	1.64	1.85	15	14	0.90	39

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

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
1940	19.6	33	23	30	0.63	0.82	12	10	0.82	121
1939	17.6	31	24	30	0.67	0.85	13	9	0.73	94
1938	20.4	33	28	26	0.76	0.71	16	3	0.21	-32
1937	19.9	29	29	34	0.85	1.02	16	10	0.62	99
1936	17.3	24	26	32	0.90	1.16	15	11	0.74	109

Factors from 6 SPRING BARLEY accounts, 1943  
 (Arranged by acres of barley)

Farm number	Grain per farm	Yield per acre	Average cost	Average returns	Average cost	Average value	Labor per acre hours	Labor returns per acre	Labor returns per hour	Profit on enterprise
	acres	bushels	\$	\$	\$	\$	hours	\$	\$	\$
135	20.7	4	22	4	6.08	1.26	5	-14	-2.69	-357
146	10.4	17	23	26	1.33	1.50	6	-8	1.16	30
364	9.0	22	33	39	1.24	1.50	17	13	0.75	53
211	8.0	10	19	11	1.89	1.12	6	-5	-0.73	-61
221	8.0	5	28	5	5.70	1.00	10	-19	-1.99	-188
163	2.6	13	18	17	1.17	1.11	9	3	0.30	-2

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

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
1940	12.4	23	20	15	0.82	0.61	9	-2	-0.22	-60
1939	13.8	31	24	23	0.71	0.67	12	3	0.21	-16
1938	18.0	27	23	19	0.76	0.61	12	-1	-0.06	-75
1937	13.8	26	28	24	0.95	0.80	14	0	-0.01	-58

 Factors from 4 SOY BEAN accounts, 1943  
 (Arranged by acres of soy beans)

Farm number	Grain per farm	Yield per acre	Average cost	Average returns	Average cost	Average value	Labor per acre hours	Labor returns per acre	Labor returns per hour	Profit on enterprise
	acres	bushels	\$	\$	\$	\$	hours	\$	\$	\$
359	15.0	16	31	15	3.05	1.50	9	-12	-1.28	-233
202	5.0	5	26	11	5.16	2.12	10	-11	-1.14	-76
377	5.0	17	51	30	2.98	1.75	26	-7	-0.28	-104
150	4.5	10	33	15	3.31	1.51	8	-13	-1.58	-81

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

1943	7.4	10	34	17	3.24	1.62	12	-11	-0.92	-124
1942	7.3	5	26	7	5.23	1.51	10	-14	-1.32	-134
1940	4.7	7	19	11	2.65	1.49	7	-6	-0.80	-38
1939	7.3	7	16	8	2.20	1.01	8	-6	-0.73	-64

Summary, 1943  
Crop Enterprises

Crop	Number of accounts	Average per acre	Average yield per farm	Returns per hour of labor	Hours of labor per acre	Profit on enterprise	Profit per acre
<u>Cash crops</u>							
Potatoes	17	27.7	202 bu.	\$1.77	89	\$2,981	\$107
Cabbage	11	11.7	10.6 tons	2.64	106	2,565	220
Corn, C.F.	7	18.7	2.6 tons	1.23	36	471	25
Tomatoes, C.F.	11	10.8	9.5 tons	1.24	125	822	76
Peaches, C.F.	7	16.1	1,318 lbs.	0.96	12	89	6
Beans, dry	10	14.1	17 bu.	0.81	37	166	12
<u>Fruit</u>							
Apples	19	44.5	174 bu.	2.12	104	7,086	159
Cherries	5	6.7	2,953 lbs.	1.25	183	718	106
Peaches	5	7.4	3 bu.	-0.77	17	-176	-24
Pears	4	8.1	66 bu.	3.15	43	890	110
<u>Grain</u>							
Wheat	27	17.2	20 bu.	1.69	10	209	12
Corn for Grain	25	10.5	38 bu.	1.09	26	157	15
Mixed spring grain	19	13.1	17 bu.	-0.35	11	-124	-9
Oats	18	13.2	18 bu.	-0.37	11	127	-10
Barley, spring	6	9.8	10 bu.	-0.58	8	-88	-9
Soybeans	4	7.4	10 bu.	-0.92	12	-124	-17
<u>Hay</u>							
Alfalfa	28	23.0	2.3 tons	1.43	12	260	11
Other hay	60	29.6	1.9 tons	0.88	9	101	3

Livestock Enterprises

Enterprise	Number of accounts	Average number of head per farm	Production per head	Return per hour of labor	Hours of labor per head	Profit on enterprise
Dairy cows	37	24	8,100 lbs.	0.84	127	\$1,076
Hens	35	921	161 eggs	1.29	1.63	1,184
Raising chicks	33	1,922 *		0.87	0.32	245
Incubation	4	**	**	5.84		2,895
Sheep	5	79	1.11 lambs	0.53	6.1	11
Feeder lambs	6	613	22 /	0.23	1.32	-236
Hogs	33	9 ***		-0.06		-114

\* Number of chicks started.

\*\* The average number of eggs set per farm was 72,288 and the per cent hatch, 66.

\*\*\* Number of hogs and pigs, end inventory.

/ Pounds of grain per head for 130 days on feed.