

Individual Factors and  
Annual Averages  
—from—  
FARM COST ACCOUNTS  
70 Farms - 1942

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Seventy farmers located in 30 counties of the State kept complete cost accounts on their farm businesses for the crop year 1942, on a cooperative basis with the College of Agriculture. Not more than 5 of the farms were in any one county. The fiscal year on most of the farms ended between December 31, 1942 and March 31, 1943.

The cost account cooperators have been selected on the basis of their willingness to keep complete and accurate records, the type of farm they operate, and their location. As a group their farms are not typical of the State, being in general larger, more productive, and more skillfully managed than the average of New York farms. Their rates of production per acre and per animal are above average on most enterprises; the amount of labor and the cost of production per unit of product are lower than average. For these reasons the cost of production data reported in this summary should not be considered as typical for New York farms in 1942, but because they represent some of the more productive and well managed farms of the State, they provide standards of comparison which are highly useful in analyzing other farm businesses.

A further valuable contribution of these data is the comparisons which they provide of the costs and returns among important New York farm enterprises. The relative differences in costs and returns among enterprises on these farms is considered to be fairly typical of the differences 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.

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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 \$118, or the average of the 14 figures representing the value per cow on the 14 farms in the group. The annual averages are weighted by animals or acres rather than by farms. The average value per cow for 1942 of \$126 is the sum of the value of all cows, \$117,708, divided by 931, the total number of cows.

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Factors from 70 LABOR accounts, 1942  
(Arranged by man equivalent)

Farm number	No. of men	Total hours per farm	Hours per man	Farm operator		Average cost per month for regular hired men			Cost per hour for help	Average cost per hour for all labor	Average cost per man
				wage per mo.	leges per mo.	wage and leges	wage board	wage only			
				\$	\$	\$	\$	\$	¢	¢	\$
193	11.4	33,115	2,905	125	40	114	-	89	40	43	1,237
192	10.1	29,129	2,884	163	41	155	-	83	55	55	1,597
174	9.5	29,733	3,130	125	79	121	-	106	45	48	1,497
170	9.2	26,315	2,860	94	31	72	-	69	52	44	1,251
298	7.2	15,396	2,138	150	75	107	-	-	40	65	1,381
339	6.8	19,723	2,900	135	24	-	-	-	37	41	1,188
24	6.6	17,838	2,703	100	49	72	35	-	31	37	996
221	6.4	20,390	3,186	167	24	99	-	40	50	45	1,432
315	6.3	14,918	2,368	100	41	96	-	29	32	44	1,046
316	5.9	20,152	3,416	125	57	132	-	-	44	48	1,632
372	5.6	17,623	3,147	83	48	133	-	-	39	40	1,271
130	5.0	14,337	2,867	100	46	113	-	106	33	44	1,269
358	4.9	16,362	3,339	116	51	115	-	-	33	45	1,513
366	4.6	8,011	1,742	156	31	-	-	102	54	84	1,469
331	4.6	14,948	3,250	62	32	-	-	-	35	29	953
359	4.5	15,527	3,450	102	40	97	-	155	46	38	1,296
345	4.4	13,299	3,022	100	104	-	108	86	36	46	1,397
267	4.4	12,664	2,873	100	53	149	-	68	45	47	1,353
103	4.2	12,376	2,947	125	37	99	100	-	35	46	1,356
188	4.0	13,371	3,343	150	37	120	82	-	34	51	1,718
357	4.0	12,066	3,016	100	35	100	86	-	45	41	1,236
291	4.0	8,445	2,111	75	41	116	-	26	34	49	1,025
186	3.8	11,108	2,923	100	50	124	-	86	71	55	1,618
163	3.7	12,042	3,255	100	40	94	-	55	49	35	1,127
368	3.7	11,829	3,197	75	40	106	84	-	26	35	1,117
340	3.7	9,726	2,629	61	23	-	-	67	38	40	1,055
344	3.6	11,417	3,171	83	76	106	-	92	50	46	1,446
324	3.6	9,334	2,648	50	37	80	80	-	35	34	901
360	3.3	5,812	1,761	83	50	83	-	-	26	65	1,149
169	3.2	9,816	3,068	100	60	155	-	71	34	40	1,522
335	3.2	10,789	3,372	50	44	-	-	-	52	41	1,385
364	3.2	10,776	3,368	80	77	-	-	-	27	32	1,069
365	3.1	12,266	3,957	75	56	95	-	88	30	31	1,232
310	3.1	8,835	2,850	75	68	-	-	79	32	41	1,177
165	3.0	9,514	3,171	125	44	90	-	-	42	44	1,394
149	3.0	12,223	4,074	67	47	91	-	88	41	29	1,162
362	2.9	10,643	3,670	150	56	-	92	92	47	43	1,596
155	2.9	7,774	2,681	70	47	-	-	-	39	45	1,202
211	2.9	8,668	2,989	75	37	-	-	79	19	33	995
361	2.8	10,131	3,618	83	40	82	-	-	32	30	1,076
306	2.7	5,046	1,869	100	38	-	96	-	47	60	1,121
355	2.6	9,032	3,474	100	43	83	-	-	32	35	1,203
164	2.6	6,976	2,683	67	43	81	-	-	48	42	1,131
185	2.5	7,369	2,948	125	12	-	-	-	41	45	1,329

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Factors from 70 LABOR accounts, 1942

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Farm number	No. of men	Total hours per farm	Hours per man	Farm operator		Average cost per month for regular hired men			Cost per hour for help	Average cost per hour for all labor	Average cost per man
				wage per mo.	leges per mo.	privi-leges	wage and board	wage only			
		hours	hours	\$	\$	\$	\$	\$	¢	¢	\$
146	2.5	6,345	2,538	100	36	-	-	93	31	49	1,234
284	2.5	6,619	2,648	80	51	87	-	-	49	43	1,139
343	2.5	6,523	2,609	50	48	-	55	55	19	32	832
166	2.4	8,844	3,685	100	51	97	-	-	39	38	1,400
171	2.4	5,803	2,418	85	36	-	-	-	-	53	1,279
150	2.4	6,664	2,777	50	59	-	-	29	50	43	1,188
369	2.4	5,108	2,128	82	25	107	-	50	16	53	1,136
285	2.4	5,356	2,232	58	25	-	-	-	37	45	1,011
81	2.3	6,995	3,041	90	44	-	63	-	45	40	1,225
281	2.3	6,389	3,647	80	34	-	-	-	46	32	1,177
371	2.2	5,882	2,674	100	48	-	-	75	27	47	1,266
288	2.2	8,197	3,726	100	37	81	-	-	18	33	1,246
370	2.1	7,390	3,519	70	27	-	-	58	-	26	915
200	2.1	6,668	3,175	50	45	-	-	-	49	28	893
287	2.0	5,649	2,824	83	57	141	-	-	38	54	1,522
327	2.0	6,114	3,057	67	35	-	-	-	50	43	1,302
309	1.7	5,055	2,974	50	46	-	111	81	36	39	1,164
202	1.7	4,464	2,626	50	38	-	73	-	36	37	984
139	1.6	8,111	5,069	125	43	69	-	-	38	31	1,570
373	1.6	5,591	3,494	60	25	-	-	79	26	27	960
319	1.5	3,879	2,586	58	34	-	-	-	15	34	869
145	1.4	5,788	4,134	100	53	-	-	-	36	39	1,601
135	1.3	2,823	2,172	60	60	-	-	63	53	64	1,388
295	1.2	3,768	3,140	41	65	-	53	-	26	38	1,188
354	1.2	3,885	3,238	42	44	-	-	-	32	30	984
338	1.1	3,360	3,055	75	35	-	-	-	47	42	1,295

Averages for 1942, by thirds according to number of men, weighted by farms:

High	6.0	17,254	2,892	115	47	112	82	80	42	47	1,336
Middle	3.1	9,269	3,028	86	46	95	88	80	38	41	1,207
Low	1.9	5,846	3,083	72	42	99	71	61	32	40	1,183

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

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 53 HORSE accounts, 1942  
(Arranged by hours worked per horse)

Farm number	Horses per farm	Average per horse				Cost of feed and bedding dollars	Cost per hour cents
		hours worked	value	grain	hay		
		hours	dollars	pounds	tons		
221	2.0	1,194	114	1,448	2.5	72	18
169	2.0	1,020	155	2,690	5.0	114	18
185	2.0	968	138	425	5.0	80	18
139	2.6	965	155	1,529	5.0	100	18
355	2.0	888	150	3,812	3.0	98	21
200	2.0	830	150	2,110	4.0	80	17
344	2.5	795	180	2,842	3.2	102	30
174	3.0	793	88	4,466	6.0	175	33
315	2.0	743	138	1,600	2.0	56	20
362	4.5	686	142	2,429	2.2	80	19
316	2.0	680	85	3,000	4.0	134	31
284	2.0	678	144	1,075	1.5	46	15
373	2.0	674	75	1,100	2.5	58	15
361	2.0	659	142	3,000	2.0	78	25
149	4.5	642	166	1,987	3.8	81	21
368	2.0	632	75	938	2.5	58	19
306	2.0	628	100	0	2.0	37	16
155	4.1	621	147	1,985	3.7	91	27
281	4.0	594	210	825	2.5	84	32
164	2.0	590	212	3,730	1.5	84	36
288	3.0	576	175	0	2.7	58	17
170	4.5	570	145	222	2.2	54	16
24	2.0	548	146	2,218	3.5	84	37
365	4.0	548	102	1,300	3.0	58	29
357	3.5	535	115	457	2.9	59	27
130	7.0	519	146	1,351	4.4	102	35
186	2.0	510	175	1,920	3.0	97	33
319	2.0	488	150	1,072	3.0	66	21
309	3.0	453	107	800	2.7	48	16
165	3.0	450	48	853	2.0	49	18
364	4.2	443	144	1,929	3.1	79	41
287	2.5	443	100	1,496	1.6	62	30
335	3.0	439	117	3,585	5.0	159	53
343	2.0	412	162	3,929	3.0	110	44
345	2.0	408	200	400	3.5	78	34
150	5.0	396	49	1,587	2.0	68	31
331	3.1	395	109	1,032	1.9	50	39
324	2.9	392	160	1,207	2.8	58	22
371	2.0	384	72	0	3.0	44	25
202	3.5	382	134	581	3.4	71	30
267	2.0	358	136	1,375	3.0	80	57
370	2.0	338	50	4,920	3.0	116	51
285	2.0	334	59	2,176	4.5	116	50
295	2.0	293	119	0	1.5	32	46
338	2.0	272	125	3,025	2.0	95	48
291	2.0	260	20	1,000	1.5	55	39
327	4.5	190	117	0	2.2	57	67

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Factors from 53 HORSE accounts, 1942  
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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	cost of feed and bedding dollars		
359	3.0	171	92	1,683	5.0	96	91	
166	2.0	158	125	500	1.0	36	55	
171	3.7	128	86	0	2.4	49	63	
146	1.0	124	80	0	1.0	12	35	
360	2.0	118	108	0	2.0	46	70	
163	3.1	99	130	516	1.9	55	83	

Averages for 1942, by thirds according to hours worked per horse, weighted by farms:

High	2.4	793	131	2,027	3.3	85	21
Medium	3.2	508	144	1,560	3.0	79	30
Low	2.7	266	98	1,089	2.4	63	50

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

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 71 TRACTOR accounts, 1942  
(Arranged by hours of use)

Annual cost per tractor

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	depre- ciation and cash repairs	fuel and oil	all other	total cost			
		dollars	dollars	dollars	dollars	dollars	gallons	hours	dollars
146	2	725	50	199	46	295	1.2	1,000	0.30
324	2	542	71	74	37	182	0.6	908	0.20
335	2	488	136	236	54	426	2.0	882	0.48
267	3,2	900	121	172	69	362	1.5	868	0.42
315	2	678	166	125	74	365	1.4	841	0.43
150	2	562	49	162	57	268	1.5	828	0.32
221	1,2,2	412	103	160	58	321	1.4	824	0.39
163	1,2	902	77	123	52	252	1.2	760	0.33
165	2	932	160	117	136	413	1.1	745	0.55
211	2,2	675	98	128	56	282	1.1	722	0.39
193	2,3,3,3	1,045	212	206	120	538	1.9	715	0.75
369	2	1,214	47	110	65	222	1.1	690	0.32
103	1	338	75	153	35	263	1.1	686	0.38
316	3	650	213	222	62	497	2.5	680	0.73
186	2,2	550	138	118	46	302	1.2	676	0.45
298	2,2	738	62	107	74	243	1.1	664	0.37
135	2	550	107	194	192	493	2.3	657	0.75
358	2,2	505	50	45	91	186	1.0	648	0.29
171	1	475	99	116	54	269	1.2	609	0.44
130	2	550	17	145	84	246	1.8	608	0.40
81	2,3	731	150	77	51	278	0.8	592	0.47
359	2	825	306	142	84	532	1.6	591	0.90
344	2	486	77	112	35	224	1.4	574	0.39
368	2,2	934	134	162	59	355	1.9	564	0.63
365	2	355	202	193	47	442	2.3	551	0.80
155	3	550	165	218	67	450	2.1	540	0.83
145	2	362	31	90	37	158	1.0	539	0.29
370	2	800	4	148	48	200	1.7	537	0.37
284	2	940	113	121	61	295	1.5	535	0.55
170	2,2	638	152	124	52	328	1.3	521	0.63
188	3	650	8	117	92	217	1.4	520	0.42
327	2	550	100	84	33	217	0.9	519	0.42
331	1	575	164	82	36	282	1.0	498	0.57
316	3	988	100	191	66	357	2.1	478	0.75
360	1,2,2	388	11	136	83	230	1.5	469	0.49
24	3,3	875	62	110	42	214	1.2	464	0.46
188	1	727	54	51	31	136	0.7	459	0.30
192	2,3	988	186	153	70	409	2.0	455	0.90
166	3,3	864	55	95	40	190	1.1	446	0.42
371	2	788	154	82	48	284	1.7	440	0.65
362	2	275	24	67	15	106	1.3	439	0.24
174	2,2	640	32	76	56	164	1.3	424	0.39
366	2	675	100	233	48	381	3.6	393	0.97
295	1	478	85	102	44	231	1.4	358	0.65
310	1	394	56	98	43	197	1.9	357	0.55
188	2	450	2	82	45	129	1.5	354	0.36
315	1	82	30	52	26	108	0.8	349	0.31

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## Factors from 71 TRACTOR accounts, 1942

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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	depre- ciation and cash repairs	fuel and oil	all other				total cost
		dollars	dollars	dollars	dollars	dollars	gallons	hours	dollars
340	2	325	56	63	54	173	0.8	342	0.51
372	2,2	587	84	15	52	151	0.9	338	0.89
288	3	735	104	78	37	219	1.7	333	0.66
149	2	850	168	96	65	329	2.0	322	1.02
200	2	312	41	87	48	176	2.2	317	0.56
371	1	350	51	41	39	131	1.2	304	0.43
361	1,2	701	42	93	40	175	1.4	300	0.58
309	2	1,050	5	80	39	124	1.5	299	0.41
319	1	325	21	56	27	104	1.1	296	0.35
164	2	1,025	44	56	57	157	1.6	286	0.55
202	1	500	31	67	36	134	1.2	278	0.48
339	2	450	54	49	45	148	1.3	258	0.57
306	2	200	66	103	85	254	2.8	254	1.00
327	2	325	51	68	21	140	1.4	245	0.57
357	1,3	762	86	78	54	218	1.8	240	0.91
343	2	974	101	64	58	223	2.1	216	1.03
355	2	375	6	60	41	107	2.2	211	0.51
287	2	750	116	88	43	247	3.3	206	1.20
164	2	235	40	36	16	92	1.7	194	0.47
169	2	270	4	49	33	86	1.3	191	0.45
285	2	550	4	70	52	126	2.0	186	0.68
364	2	125	4	115	42	161	3.8	185	0.87
331	3	312	131	82	22	235	2.7	183	1.28
345	2	708	81	51	48	180	2.2	178	1.01

Averages for 1942, by thirds according to hours of use per tractor, weighted by farms:

High	673	112	141	71	324	1.4	729	0.45
Medium	624	84	119	50	253	1.6	467	0.54
Low	533	58	69	43	170	1.8	257	0.71

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

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
1937	449	84	93	44	221	1.6	436	0.51
1936	431	83	84	43	210	1.7	389	0.54

\* The figures indicate the size of each tractor in terms of the number of plow shares usually pulled. Of the 94 tractors, 15 were one-plow, 62 two-plow, and 17 three-plow. Farms 24, 81, 163, 166, 170, 174, 186, 192, 193, 211, 221, 267, 298, 357, 358, 360, 361, 368, and 372 had more than one tractor but the cost records were not separated by machines. Farms 164, 315, 316, 327, 331, and 371 each had two tractors but had separate accounts for each tractor. Farm 188 had three tractors, and had a separate account for each tractor.

Factors from 62 TRUCK accounts, 1942  
(Arranged by cost per truck)

Farm number	Size of truck**	Annual cost per truck					Miles of use per truck miles	Miles per gallon of gas miles	Average cost per mile of use cents
		Average value dollars	depre- ciation and cash repairs dollars	fuel and oil dollars	all other dollars	total cost dollars			
103	L	950	305	268	167	740	16,181	11	4.6
316	S	425	216	183	278	677	10,292	11	6.6
186	L	550	299	154	142	595	9,575	11	6.2
221	L	300	273	158	82	513	*	*	*
316	L	425	188	150	158	496	4,370	6	11.4
287	L	1,012	253	64	176	493	2,023	6	24.4
149	L	350	134	140	215	489	5,490	7	8.9
211	L	200	193	150	119	462	2,509	3	18.4
314	L	945	184	130	142	456	9,927	13	4.6
331	L	918	252	69	132	453	3,241	11	14.0
174	L,L	692	140	88	216	474	4,250	8	10.5
343	S	305	108	111	202	421	*	*	*
315	L	725	149	113	146	408	4,453	7	9.2
81	L	564	175	63	162	400	3,290	10	12.2
364	S	300	84	211	87	382	16,630	17	2.3
170	L	325	136	108	124	368	5,300	9	7.0
368	S	508	35	156	159	350	2,449	3	14.3
281	S	465	142	99	98	339	6,504	11	5.2
324	L	475	156	82	99	337	5,074	11	6.6
285	S	200	111	113	100	324	10,000	17	3.2
358	L	250	115	88	119	322	4,920	8	6.5
267	L	780	66	55	148	269	3,420	10	7.9
340	S	300	80	112	77	269	8,309	17	3.2
362	L	125	56	113	96	265	7,000	18	3.8
146	S	200	5	86	172	263	3,238	9	8.1
306	L	100	77	100	86	263	*	*	*
188	S	538	100	60	99	259	2,410	8	10.7
163	S,S	356	104	96	57	257	7,400	14	3.5
327	L	300	32	41	180	253	1,359	7	18.6
103	S	512	77	70	96	243	5,123	14	4.7
165	S	400	93	50	96	239	2,812	10	8.5
169	S	50	23	42	163	228	2,283	10	10.0
338	S	425	61	62	102	225	4,120	14	5.5
171	L	112	52	63	104	219	3,315	8	6.6
284	S	300	67	86	59	212	4,658	10	4.6
164	S	238	47	112	51	210	6,701	11	3.1
360	S,L,L	157	16	109	84	209	*	*	*
155	L	325	64	76	69	209	2,800	7	7.5
192	S,S,L,L	137	81	41	82	204	2,250	10	9.1
145	S	95	48	76	75	199	3,110	7	6.4
345	S,L	175	58	68	68	194	*	*	*
371	L	138	29	69	80	178	3,000	13	5.9
291	L	38	30	56	86	172	3,000	10	5.7
365	L	38	36	22	106	164	1,694	15	9.7
267	S	112	45	40	76	161	3,700	16	4.4
372	S,L	186	40	35	79	154	2,230	7	13.8

- continued -

Factors from 62 TRUCK accounts, 1942

- continued -

Farm number	Size of each truck**	Annual cost per truck					Miles of use per truck miles	Miles per gallon of gas miles	Average cost per mile of use cents
		Average value dollars	depre- ciation and cash repairs dollars	fuel and oil dollars	all other dollars	total cost dollars			
139	L	100	16	54	82	152	1,073	5	14.2
339	S,L,L,L	199	20	48	82	150	*	*	*
166	S	156	52	34	56	142	560	3	25.4
335	L	150	40	64	37	141	2,718	8	5.2
135	S	200	31	35	73	139	*	*	*
359	S,L,L	52	40	37	51	128	*	*	*
366	L	300	20	45	52	117	*	*	*
188	L	300	30	28	52	110	567	3	19.4
169	L	400	21	23	53	97	807	6	12.0
298	S,L	50	8	19	62	89	1,760	8	10.1
188	L	120	5	28	51	84	558	3	15.1
130	L	50	18	24	34	76	*	*	*
370	S,L	144	22	18	27	67	1,000	9	6.7
364	L	50	7	15	34	56	*	*	*
145	S	40	10	19	5	34	366	3	9.3
340	S	25	7	16	1	24	*	*	*

Averages for 1942, by thirds according to cost per truck, weighted by farms:

High	532	177	130	150	457	6,753	10	9.4
Medium	280	63	76	100	239	4,179	11	7.1
Low	136	25	35	56	116	1,645	8	11.2

Annual averages, all trucks weighted by number of trucks:

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

\* Unknown. The speedometer was broken on 20 trucks.

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

14 farms had 1 account for 2 or more trucks. 7 farms had 2 trucks with a separate account for each truck. One farm had 3 trucks with a separate account for each truck. The 21 small trucks with known mileage were driven an average of 5173 miles at a cost of \$258 or 5.0 cents per mile. The 30 large trucks were driven 14085 miles at a cost of \$325, or 8.0 cents per mile.

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	
			grain pounds	hay tons	silage tons			cost dollars	value dollars
358	73.2	147	1,981	2.0	1.5	103	1	3.51	3.37
188	61.2	123	2,956	3.0	4.1	125	29*	1.74	2.71
359	36.4	124	3,860	3.0	3.9	172	11*	2.40	2.88
344	31.6	149	2,632	3.7	4.5	133	52*	1.44	2.54
362	31.5	129	2,324	2.7	5.0	151	6*	2.83	3.18
364	30.5	105	1,496	2.4	3.9	88	2	2.67	2.91
370	30.2	120	2,000	3.0	3.9	111	24*	1.85	2.89
281	27.6	134	4,918	1.2	7.2	165	15*	1.70	2.64
355	26.4	116	2,745	6.5	5.5	106	11*	1.80	2.59
130	25.8	114	1,927	3.1	3.3	122	7*	1.96	2.85
331	24.8	180	4,190	2.1	5.8	155	36*	1.21	2.67
335	24.5	218	2,252	2.4	2.7	117	55	3.84	2.81
316	24.5	109	3,023	2.9	6.2	151	22*	2.46	3.19
287	24.2	132	2,282	1.8	6.9	107	19	2.83	2.49
288	23.7	114	2,293	2.2	4.1	107	14*	2.15	3.05
150	23.4	85	1,743	1.8	3.6	87	10*	1.91	3.12
343	23.2	105	2,718	2.9	0.0	102	9	2.52	2.58
309	22.9	119	1,458	1.9	4.5	77	26*	1.16	2.83
163	20.5	114	3,171	2.0	4.2	134	2*	1.86	2.71
306	20.0	140	3,200	3.2	5.2	132	14*	3.02	2.78
165	19.6	83	2,097	1.8	4.5	104	18*	1.59	2.71
365	18.5	182	3,659	2.2	4.2	136	14*	2.20	2.84
369	17.8	101	3,830	2.0	4.2	122	7*	2.42	2.89
145	17.5	112	1,274	1.9	4.1	88	11	2.56	3.71
139	17.4	203	6,384	3.7	5.7	208	13*	2.42	2.83
166	17.2	87	1,957	1.9	4.3	104	13*	1.87	2.53
169	17.2	107	2,349	1.8	4.0	102	4*	2.53	3.00
357	17.2	112	1,587	1.8	5.2	102	1*	2.33	2.82
155	16.7	93	3,443	2.0	5.3	125	1	2.67	3.27
361	16.4	134	3,970	2.6	7.0	147	4	2.12	2.63
324	14.6	117	3,517	1.6	4.8	137	42	2.77	2.61
200	14.5	117	1,959	1.5	1.2	80	5	2.14	3.03
295	14.4	80	3,231	1.8	4.0	134	15*	2.39	2.84
149	14.2	98	2,927	1.5	7.3	121	9*	1.91	2.76
164	13.6	89	1,948	0.9	4.6	82	7*	2.15	2.71
371	12.7	129	2,283	2.8	3.9	143	21*	2.13	2.43
373	12.6	115	2,729	2.5	2.9	105	1	2.07	2.55
368	12.2	158	4,996	5.8	2.4	200	4	2.44	2.64
284	12.0	137	3,428	2.0	8.2	154	39*	1.92	2.44
338	9.2	132	2,277	3.9	2.0	108	30*	2.06	2.70
202	8.8	130	2,498	2.3	2.4	129	14	3.43	3.56
319	6.1	118	2,214	3.8	7.5	130	19*	3.20	2.50
Averages for 1942, by thirds according to number of cows, weighted by farms:									
High	33.7	136	2,756	2.8	4.6	129	10*	2.30	2.84
Medium	19.7	119	2,694	2.2	4.1	115	8*	2.18	2.89
Low	12.7	118	2,959	2.5	4.5	128	5*	2.39	2.76
Annual average, all farms, weighted by cows:									
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
1939	22.8	110	2,624	2.3	4.4	95	7	1.96	1.89

\* indicates appreciation per cow.

Milk per cow cwt.	Milk test %	Average per cow			Labor returns		Labor per cow hours	Profit on enterprise dollars	Farm number
		cost \$	returns \$	profit \$	per cow \$	per hour \$			
58	4.7	216	208	- 8	37	0.37	101	- 615	358
101	3.6	227	325	98	168	1.25	134	6,030	188
108	3.7	293	345	52	115	0.67	172	1,897	359
109	2.4	239	359	120	177	1.41	125	3,787	344
83	3.6	258	287	29	104	0.61	171	914	362
54	4.0	155	168	13	53	0.42	125	399	364
86	3.3	200	290	90	129	0.85	153	2,712	370
126	3.5	263	382	119	163	1.17	139	3,271	281
89	3.5	190	260	70	114	0.92	124	1,869	355
88	3.3	212	292	80	118	1.27	93	2,037	130
122	3.7	264	442	178	234	1.24	189	4,426	331
63	3.3	272	208	- 64	- 25	-0.23	109	-1,589	335
78	5.0	233	290	57	96	1.17	82	1,395	316
62	3.4	194	173	- 21	11	0.18	60	- 515	287
71	4.8	188	251	63	112	0.79	143	1,509	288
68	4.7	151	233	82	105	1.97	53	1,922	150
78	3.6	214	219	5	71	0.34	205	117	343
85	3.3	146	287	141	171	2.21	77	3,226	309
100	3.5	212	297	85	122	1.10	111	1,747	163
101	3.5	231	309	78	131	1.27	104	1,546	306
94	3.6	196	301	105	152	1.44	106	2,064	165
81	4.0	230	282	52	89	0.74	121	957	365
85	3.9	229	269	40	103	0.88	117	720	369
55	4.7	171	234	63	94	1.16	81	1,099	145
106	3.5	302	345	43	85	0.63	136	742	139
89	3.3	198	257	59	99	0.95	104	1,011	166
64	5.6	184	215	31	87	0.75	116	522	169
79	3.2	204	243	39	88	0.72	123	672	357
81	5.3	231	280	49	101	0.87	115	817	155
106	3.6	247	301	54	98	0.67	146	888	361
92	3.6	271	257	- 14	24	0.21	114	- 205	324
63	3.9	152	208	56	86	0.80	107	813	200
82	4.4	224	261	37	79	0.71	112	530	295
100	3.6	214	299	85	127	0.86	149	1,206	149
83	3.7	197	244	47	123	0.68	181	636	164
91	3.3	224	251	27	69	0.79	88	351	371
101	3.4	227	275	48	113	0.48	237	602	373
116	3.5	309	333	24	65	0.55	117	290	368
99	3.4	249	300	51	111	0.79	141	617	234
72	3.6	200	246	46	95	0.81	118	428	330
75	4.9	268	278	10	73	0.43	171	82	202
66	4.1	217	200	-47	14	0.08	181	- 286	319
Averages for 1942, by thirds according to number of cows, weighted by farms:									
88	3.6	230	288	58	107	0.81	127	1,858	High
83	3.9	204	257	63	108	1.07	114	1,275	Medium
88	3.9	233	267	34	84	0.62	141	483	Low
Annual average, all farms, weighted by number of cows:									
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
83	3.7	180	174	- 6	35	0.25	138	- 126	1939

Farm number	Number of heifers**	Average age end of year***	Heifer equivalent raised****	Average per heifer	
	heifers	months	number	cost / dollars	value dollars
358	80	22	22.0	182	118
188	62	16	17.0	151	119
331	52	16	12.2	288	200
365	44	18	13.5	155	165
316	42	15	12.3	174	107
344	37	22	11.9	201	134
287	36	22	12.6	142	125
361	31	21	9.8	96	144
357	31	25	7.2	167	131
359	28	20	5.2	283	102
139	27	17	6.9	190	220
150	25	17	6.8	164	72
169	24	20	8.2	120	103
324	24	17	4.8	145	117
362	23	22	8.1	147	175
268	23	14	7.5	117	100
155	22	18	6.5	160	77
335	22	16	6.4	209	200
145	22	18	6.1	146	107
355	22	18	5.6	142	84
364	21	24	5.3	147	106
165	21	14	5.1	126	92
343	21	20	4.9	173	112
369	21	20	4.9	201	70
281	20	15	6.0	194	145
163	20	22	5.3	107	110
306	19	14	5.9	117	120
370	18	17	3.1	222	112
130	17	14	4.6	285	112
371	16	16	5.3	127	128
200	16	19	2.8	128	119
202	15	20	3.9	115	158
309	14	17	3.3	184	153
295	13	14	4.1	104	83
368	13	9	3.1	227	-*
149	12	21	2.5	168	95
319	11	17	3.7	138	170
164	10	17	3.1	92	123
284	9	14	3.1	127	150
166	9	13	2.5	98	75
373	7	13	2.0	155	150
338	5	15	1.3	165	150

Averages for 1942, by thirds according to number of heifers, weighted by farms:

High	39	19	10.7	176	133
Medium	21	18	5.8	158	115
Low	12	16	3.2	151	119

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

1942	24	18	6.5	169	129
1940	23	18	6.7	134	102
1939	23	17	6.6	126	94

\* 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.

Farm number	Size of flock	Eggs per hen	Average per bird					
			grain fed	mash fed	cost all feed	depre- ciation	total cost	total returns
	birds	eggs	pounds	pounds	dollars	dollars	dollars	dollars
345	3,090	190	57	38	2.46	0.14	3.59	6.63
291	2,567	183	62	49	2.28	0.43	4.32	5.51
310	2,293	188	66	45	2.63	0.55	4.72	6.31
368	1,876	148	44	65	3.06	0.29	4.46	5.29
361	1,515	152	26	43	1.76	0.57	3.43	4.57
103	1,467	136	38	31	1.68	0.05*	2.68	3.60
221	1,376	140	46	42	1.93	0.61	3.25	4.24
331	1,300	140	69	49	2.58	0.10*	4.02	4.60
365	1,234	180	60	74	3.06	0.12	4.20	5.06
372	1,219	212	54	49	2.50	0.06*	4.17	7.55
211	1,197	151	55	41	2.29	0.11	3.21	4.66
146	1,184	164	72	35	2.41	0.49	3.85	5.32
145	1,003	150	58	55	2.72	0.57	4.43	4.36
371	977	197	62	70	3.07	0.21	4.44	6.13
174	939	148	76	43	2.59	0.27	3.98	5.25
186	936	170	66	42	2.21	0.63	4.54	5.66
171	916	141	59	33	1.99	0.13	2.95	4.15
338	840	173	43	38	1.81	0.65	3.60	5.31
354	794	211	85	40	3.24	0.15*	4.49	7.05
324	777	167	64	49	2.37	0.60	3.83	5.12
287	772	126	59	29	2.07	0.25	3.56	3.90
149	608	177	41	70	2.35	0.32	3.90	5.95
165	561	189	50	56	2.82	0.59	4.67	5.58
355	536	195	63	52	2.53	0.39*	3.51	6.90
139	493	130	57	45	2.28	0.74	4.19	4.71
288	459	155	75	27	2.49	0.50	4.14	4.78
373	427	120	42	35	1.84	0.39	3.18	3.66
130	389	187	72	45	2.62	0.64	5.13	5.59
309	300	144	71	37	2.31	0.34	3.79	4.11
150	297	120	64	39	2.31	0.15	4.03	3.30
166	292	179	64	32	2.14	0.42	4.53	5.14
362	261	144	22	63	2.46	0.77	4.70	4.93
357	248	134	59	44	2.48	0.28*	3.57	4.51
369	190	155	60	49	2.52	0.04	3.96	5.14
319	175	126	63	26	2.08	0.03	3.10	3.55
155	145	156	36	35	2.01	0.26	3.57	4.21

Averages for 1942, by thirds according to number of birds, weighted by farms:

High	1,693	165	54	47	2.39	0.26	3.82	5.28
Medium	805	170	60	48	2.48	0.31	3.99	5.45
Low	306	146	57	40	2.30	0.33	3.99	4.47

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

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
1938	737	152	51	41	1.64	0.63	3.35	3.48

\* indicates appreciation per hen.

Per dozen eggs		Per 100 birds labor		Return per hour of labor	Mortal- ity	Profit on enter- prise	Farm number
cost cents	value cents	returns dollars	labor hours	dollars	percent	dollars	
22	42	355	111	3.22	5	9,390	345
30	38	203	174	1.17	29	3,045	211
30	41	242	210	1.15	29	3,640	310
40	48	130	136	0.96	20	1,556	368
27	36	162	161	1.01	21	1,728	351
23	32	141	107	1.32	49	1,346	103
27	36	137	88	1.56	32	1,362	221
33	38	129	245	0.53	11	748	331
29	35	146	193	0.76	27	1,059	365
23	42	428	230	1.86	9	4,116	372
25	37	181	107	1.69	21	1,735	211
27	38	211	130	1.62	33	1,745	146
34	34	57	166	0.34	32	72	145
27	37	238	147	1.62	14	1,649	371
32	42	193	136	1.41	43	1,193	174
31	39	215	192	1.12	9	1,046	186
25	35	170	95	1.79	15	1,099	171
25	37	219	117	1.88	20	1,435	338
24	39	329	239	1.37	14	2,034	354
27	36	181	155	1.17	43	1,004	324
34	37	96	116	0.83	10	259	287
26	40	277	242	1.14	41	1,245	149
29	35	153	147	1.04	41	513	165
19	40	380	119	3.20	12	1,816	355
40	45	122	226	0.54	16	256	132
31	36	141	225	0.63	20	293	288
31	36	102	193	0.53	20	207	373
32	35	178	312	0.57	58	180	130
33	36	83	129	0.64	21	97	309
41	34	10	195	0.05	20	217	150
30	34	190	335	0.57	15	178	166
38	40	116	213	0.54	36	60	362
30	38	162	171	0.95	20	232	357
30	39	182	119	1.53	22	224	369
30	34	82	110	0.74	21	78	319
27	32	165	224	0.07	6	93	155

Averages for 1942, by thirds according to number of birds, weighted by farms:

28	39	205	158	1.40	24	2,622	High
28	38	209	156	1.41	24	1,102	Medium
33	37	128	204	1.45	23	140	Low

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

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

Farm number	Number started or sold	Per cent of Chicks Raised			Average per 100 chicks started		Value per chick started	Average per mature equivalent cost value		Return per hour of labor	Profit on enter-prise
		Broilers	Died	%	feed pounds	labor hours		\$	\$		
<u>Day-old straight-run chicks:</u>											
345	5,400	46	50	4	1,877	22	13	1.03	1.35	1.13	781
186	4,478	22	33	45	1,045	10	7	0.86	1.25	1.38	382
310	3,935	56	35	9	1,643	38	40	1.81	1.28	-0.29	-1,063
365	3,087	51	43	6	2,336	46	20	1.46	1.29	0.15	212
354	2,425	49	45	6	2,095	31	10	0.99	1.26	0.73	320
119	1,127	41	47	12	2,034	47	14	1.59	1.25	-0.01	158
150	714	39	50	11	854	37	12	0.50	1.57	1.57	301
357	470	47	42	11	3,021	46	9	1.41	1.50	0.49	19
335	205	49	46	5	1,968	53	12	1.20	1.25	0.42	5
135	200	40	45	15	400	33	14	1.01	1.00	0.59	1
284	175	59	9	32	857	38	18	0.80	1.50	1.49	72

Day-old sexed pullet chicks:

371	2,374	70	2	28	2,787	18	17	1.31	1.60	1.57	479
174	1,400	72	9	19	2,600	27	25	1.50	1.00	-0.87	509
372	1,357	92	0	8	2,377	32	18	1.18	1.20	0.46	26
355	1,237	94	2	4	2,449	66	14	1.12	1.50	0.89	440
338	900	86	3	11	4,591	31	22	1.15	1.23	0.63	61
324	900	83	2	15	1,789	24	23	1.06	1.05	0.30	7
130	475	87	1	12	1,676	86	32	1.42	1.00	0.00	173
288	412	79	10	11	1,809	84	25	1.31	1.48	0.50	54
369	370	98	0	2	3,324	51	28	1.50	1.25	0.05	91

Miscellaneous chicks:

368	14,918	48	42	10	576	9	17	1.30	1.54	0.76	564
331	5,368	27	65	8	1,025	29	20	0.10	1.51	1.43	1,771
291	4,941	62	19	19	1,913	32	19	0.89	1.08	0.85	578
139	4,496	34	32	34	423	12	13	1.33	1.76	0.91	326
287	3,861	30	38	32	1,200	9	13	1.16	1.00	0.04	181
103	2,900	83	5	12	1,628	25	22	1.05	0.97	0.19	193
211	2,818	49	23	28	1,782	26	17	1.03	1.01	0.29	32
361	2,700	80	7	13	1,461	34	23	1.28	1.21	0.18	110
221	2,350	63	18	19	1,704	13	27	1.27	1.45	1.29	268
171	1,450	75	5	20	2,063	45	37	1.51	1.50	0.51	11
146	1,340	70	21	9	1,948	28	25	1.21	1.25	0.59	41
165	1,100	89	1	10	1,913	17	53	1.25	1.27	0.54	19
166	1,005	62	8	30	1,846	52	31	1.79	1.40	-0.08	245

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

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

Farm number	Eggs set number	Value Per percent		Average per 100 salable chicks hatched				Return per hour of labor dollars	Profit on enterprise dollars
		egg cents	hatch %	net cost \$	value dollars	labor returns dollars	labor hours		
368	109,704	4.0	80	7.96	13.49	6.05	1.5	4.12	4,430
310	50,249	5.5	71	11.98	16.40	5.64	2.8	1.99	1,572
291	28,278	4.1	70	9.46	12.16	3.37	1.4	2.47	537
139	20,756	5.0	67	8.49	11.53	3.48	1.4	2.44	424
365	8,112	3.3	66	7.77	10.91	4.67	4.9	0.95	167
211	5,863	3.3	70	6.78	10.89	4.33	0.7	6.32	168
287	4,769	4.2	60	11.29	11.99	2.73	3.7	0.73	20
Annual averages, all farms:									
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 7 SHEEP accounts 1942  
(Arranged by number of sheep)

Farm number	Average number sheep	Lamb crop %	Average per sheep				Return per hour of labor dollars	Profit of enterprise dollars		
			grain pounds	hay pounds	silage pounds	pasture cost dollars				
368	115	135	309	174	17	0.86	9.4	6.5	2.62	1,700
315	110	69	13	345	164	0.35	6.6	3.2	-0.35	- 275
164	87	100	68	322	---	1.34	7.4	5.4	1.51	506
319	75	90	1	880	---	2.01	7.6	3.0	-0.67	- 224
360	74	82	147	541	270	1.50	8.7	3.0	-0.94	- 350
327	63	85	63	349	---	1.33	7.8	5.3	0.04	- 130
135	38	88	82	842	---	1.39	10.5	1.7	6.95*	410
Annual averages, all farms:										
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

\* This large return is due principally to having increased the inventory value of the flock from \$10 each at the beginning of the year to \$20 each at the end of the year.

Factors from 8 FEEDER LAMB accounts, 1942  
(Arranged by number of lambs purchased)

Farm number	Lambs purchased	Average	Mor-tal-ity %	Average		Average per		Return per hour of labor	Profit on enter-prise
		number of days fed		per lamb purchased	cost	weight	lamb sold		
	number	days		\$	lbs.	\$	lbs.	dollars	dollars
221	976	169	6.7	7.83	57	12.88	87	-0.01	- 436
211	959	110	4.2	8.19	61	14.03	85	0.83	450
186	958	180	3.5	7.08	54	12.32	71	1.63	1,440
170	829	167	4.0	8.36	51	13.52	91	0.16	- 380
360	661	148	2.6	7.01	54	14.08	88	3.03	1,581
81	332	142	5.7	7.71	57	11.86	76	-0.88	- 758
149	327	184	2.4	7.93	60	11.77	85	0.64	210
171	164	130	6.1	8.12	62	14.43	89	-0.71	- 197

Annual averages, all farms:

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 28 SWINE accounts, 1942  
(Arranged by number of pigs)

Farm number	Sold or slaughtered		Returns	End inventory	Return per hour of labor	Profit on enter-prise
	number	pounds	per pound slaughtered			
	number	pounds	dollars	number	dollars	dollars
360	39	-----	-----	9	1.38	142
81	38	6,790	0.19	20	0.20	-175
171	29	4,865	0.19	16	2.03	341
327	24	4,185	0.18	24	-0.23	-335
364	21	4,033	0.21	51	0.89	1,086
361	16	2,977	0.17	13	0.50	40
149	16	2,559	0.18	32	0.00	-105
362	5	900	0.18	0	0.63	16
368	4	888	0.23	0	0.09	- 64
267	4	800	0.15	0	0.58	5
335	4	784	0.15	4	0.36	- 1
135	4	780	0.23	11	1.66	84
359	3	1,069	0.25	0	1.20	105
155	3	1,007	0.14	3	0.45	0
344	3	874	0.20	3	0.52	6
150	3	783	0.20	3	0.85	55
345	3	600	0.22	0	0.67	11
281	2	515	0.21	0	1.04	35
211	2	430	0.17	13	4.87	177
331	2	400	0.15	0	0.09	- 7
310	2	392	0.17	0	1.53	17
355	2	346	0.17	3	0.64	39
343	2	325	0.21	0	1.53	18
163	1	422	0.17	25	0.87	128
24	1	200	0.15	2	0.14	- 12
174	1	160	0.20	1	0.50	1
372	1	150	0.25	0	0.59	5
315	0	-----	-----	10	1.04	32

Averages for 1942, according to thirds by number of pigs, weighted by farms:

High	21	3,022	0.17	18	0.61	105
Medium	3	801	0.19	3	0.81	33
Low	1	282	0.16	5	1.18	40

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

1942	8	1,330	0.19	9	0.65	59
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Farm number	Potatoes grown acres	Yield per acre bu.	Cost per acre			Average per bushel		Labor per acre hours	Return per hour of labor dollars	Profit on enter-prise dollars
			ferti- lizer \$	spray and dust \$	growing \$	cost \$	value \$			
193	153.1	340	28	17	91	0.44	0.71	103	1.31	14,017
267	60.8	380	21	10	96	0.43	0.89	127	1.86	10,720
221	51.0	197	8	6	63	0.56	0.95	96	1.28	3,953
186	37.0	307	13	7	98	0.52	1.00	91	2.23	5,541
165	36.4	269	21	4	84	0.46	0.86	70	1.96	3,843
163	34.2	243	26	8	89	0.57	1.01	98	1.47	3,652
316	34.0	270	36	10	117	0.69	1.29	98	2.15	5,461
166	30.0	233	22	3	85	0.51	0.86	67	1.60	2,419
146	25.4	198	16	4	58	0.49	0.93	70	1.71	2,175
284	20.9	266	20	10	90	0.47	1.17	58	3.67	3,922
344	15.0	287	13	6	94	0.60	1.00	125	1.37	1,715
130	14.0	227	10	2	70	0.49	0.88	114	1.16	1,239
365	14.0	186	26	10	83	0.63	0.98	61	1.36	903
324	12.5	294	24	2	93	0.50	1.02	104	1.81	1,877
357	10.0	138	12	5	69	0.73	0.74	80	0.43	15
155	6.7	269	26	14	87	0.48	1.00	97	1.88	942
285	5.1	210	13	11	92	0.81	1.14	125	1.01	356
149	5.0	110	11	3	64	0.66	0.91	39	0.99	137
145	4.0	110	9	4	68	0.81	1.12	71	0.86	136
164	4.0	126	0	5	67	0.74	0.76	58	0.48	12
361	2.0	141	0	0	30	0.44	0.96	49	1.80	147

Averages for 1942, by thirds according to number of acres, weighted by farms:

High	58.1	287	22	9	91	0.52	0.96	98	1.75	6,741
Medium	18.8	242	19	5	82	0.53	0.98	86	1.81	2,036
Low	5.3	158	10	6	68	0.67	0.95	74	1.06	249

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

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 15 CABBAGE accounts, 1942  
(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 dollars
			cost \$	returns \$	net cost \$	value \$		per acre \$	per hour \$	
170	22.8	13.9	110	192	7.94	13.81	106	126	1.19	1,859
360	22.0	11.8	59	63	5.01	5.34	49	36	0.73	85
221	19.0	12.6	179	208	14.20	16.52	214	126	0.59	553
193	14.0	13.5	179	156	13.26	11.51	102	19	0.19	- 332
211	13.0	8.4	50	64	6.01	7.61	67	36	0.53	175
315	13.0	7.5	97	170	12.89	22.64	135	133	0.99	953
327	12.0	10.4	83	176	7.99	16.85	68	121	1.78	1,107
357	9.0	12.6	117	113	9.09	8.80	128	45	0.36	- 34
150	8.0	12.1	68	121	5.57	10.01	56	78	1.38	431
155	7.1	20.2	82	172	4.05	8.51	77	125	1.61	611
149	7.0	11.4	80	100	6.96	8.74	130	58	0.44	142
324	5.0	*	47	6	*	*	41	- 27	-0.65	- 205
284	4.5	17.9	131	209	7.32	11.65	103	121	1.18	349
171	3.8	9.0	98	78	10.91	8.65	94	29	0.31	- 77
130	2.0	18.0	136	150	7.58	8.36	152	78	0.51	28

Averages for 1942, by thirds according to number of acres, weighted by farms:

High	18.2	12.0	115	137	9.28	10.96	108	69	0.65	468
Medium	9.8	12.6	89	150	7.92	13.36	93	100	1.22	620
Low	4.5	11.3	98	109	6.55	7.48	104	52	0.36	47

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

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

\* Crop failure

Factors from 8 DRY BEAN accounts, 1942  
(Arranged by acres of beans)

Farm number	Beans grown acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enter- prise dollars
			cost \$	returns \$	net cost \$	value dollars		per acre \$	per hour \$	
164	25.1	21	29	67	1.32	3.14	18	45	2.53	950
202	23.2	8	37	33	4.40	3.98	26	6	0.24	- 80
221	22.0	27	53	65	1.86	2.30	44	31	0.71	266
103	19.0	27	38	60	1.41	2.22	18	30	1.64	411
360	18.0	18	37	38	2.04	2.10	19	13	0.70	17
149	10.4	13	30	35	2.13	2.54	21	11	0.54	55
324	9.5	4	33	11	7.71	2.44	26	-14	-0.54	-216
361	8.0	15	21	68	1.42	4.50	20	52	2.60	369

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

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
1938	12.8	19	33	32	1.61	1.56	30	9	0.29	- 13
1937	16.2	16	35	37	2.12	2.20	26	10	0.37	20

Factors from 11 CANNING-FACTORY PEA accounts, 1942  
(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 dollars
			cost \$	returns \$	cost \$	value \$		per acre \$	per hour \$	
221	38.0	2,429	53	88	43.47	72.56	18	43	2.36	1,341
211	20.5	1,920	46	70	47.92	72.54	11	27	2.52	485
315	11.0	2,700	49	99	36.22	73.31	21	59	2.80	549
146	10.0	1,470	46	53	62.74	73.01	17	16	0.93	75
361	10.0	2,468	41	89	33.58	72.52	23	55	2.37	472
186	8.5	1,766	52	74	59.07	84.27	19	32	1.72	189
130	5.8	2,466	69	89	55.83	71.94	33	34	1.03	116
171	5.5	2,411	48	68	39.85	56.52	16	29	1.76	110
267	5.0	2,031	63	76	58.63	72.16	29	27	0.96	69
371	4.0	998	44	36	89.00	72.50	15	- 1	-0.08	- 33
357	2.0	3,524	58	112	33.43	64.29	38	70	1.81	108

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

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.---	49.---	18	1	0.06	- 50
1938	10.6	1,656	38	49	46.---	59.---	20	17	0.85	119
1937	9.3	1,803	40	57	45.---	63.---	24	23	0.99	154

Factors from 10 CANNING-FACTORY TOMATO accounts, 1942  
(Arranged by acres of tomatoes)

Farm number	Tomatoes grown acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enterprise dollars
			cost \$	returns \$	cost \$	value \$		per acre \$	per hour \$	
170	37.7	12.7	186	248	14.59	19.51	217	165	0.76	2,360
315	13.0	11.2	120	232	10.65	20.69	130	173	1.33	1,466
357	10.0	11.6	132	226	11.36	19.53	143	156	1.09	947
327	10.0	9.3	119	170	12.83	18.29	102	94	0.92	508
221	10.0	7.6	153	161	20.17	21.13	160	80	0.50	73
130	8.5	5.4	122	94	22.59	17.43	130	32	0.25	-237
171	6.3	10.0	120	174	11.98	17.38	101	107	1.06	340
211	5.0	3.2	88	70	27.56	22.00	82	10	0.12	- 89
135	4.0	3.5	118	59	33.79	16.86	90	---	0.00	-237
185	2.8	14.2	273	262	19.20	18.47	421	181	0.43	- 29

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

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 18 APPLE accounts, 1942  
(Arranged by acres of apples)

Farm number	Orchard bearing age acres	Yield pack- able fruit per acre bu.	Labor		Cost of spray 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. \$		
366	92.0	155	25	14	7	61	0.64	0.77	1.19	1,969
192	91.3	292	37	16	19	105	0.55	1.05	1.86	13,392
298	85.6	192	45	27	9	61	0.62	0.80	0.91	2,989
339	85.0	185	37	45	7	86	0.71	1.07	0.80	5,608
170	81.2	249	23	10	16	53	0.25	0.63	1.86	7,722
24	55.5	258	58	43	11	56	0.51	0.71	0.58	2,868
315	55.0	291	28	9	10	37	0.21	0.68	2.38	7,523
340	52.9	97	47	60	13	83	1.23	0.75	0.09	-2,468
185	44.7	268	40	17	13	64	0.36	0.83	1.54	5,600
372	42.0	336	41	45	9	77	0.64	1.09	0.92	6,365
359	25.0	70	36	42	10	47	1.02	0.78	0.21	- 412
169	24.5	189	19	27	5	38	0.53	1.13	1.58	2,763
81	23.4	103	33	26	12	50	0.59	0.62	0.45	87
200	19.5	62	8	25	13	28	0.53	0.88	0.92	423
345	17.8	390	23	21	13	55	0.35	0.92	1.86	3,947
150	15.0	171	12	8	8	35	0.35	0.64	2.05	741
135	14.4	130	10	10	1	29	0.34	0.59	1.64	466
171	11.3	100	33	21	5	53	0.66	0.74	0.62	83

Averages for 1942, by thirds according to number of acres, weighted by farms:

High	81.8	222	38	26	12	70	0.55	0.84	1.20	5,758
Medium	40.7	208	35	33	10	58	0.66	0.88	1.12	3,228
Low	16.9	159	20	18	9	42	0.47	0.73	1.26	958

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

1942	46.4	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, 1942  
(Arranged by acres of fruit)

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

4 accounts with PEACHES

200	9.0	82	22	19	1	21	0.38	1.11	1.54	539
315	8.9	263	48	21	8	46	0.36	1.39	2.37	2,421
170	7.0	264	107	25	11	81	0.52	1.27	1.32	1,390
335	5.1	78	19	23	2	28	0.56	0.50	0.27	-26

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

1942	7.5	178	49	22	5	44	0.43	1.24	1.65	1,081
1940	7.7	142	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
1938	7.0	153	29	18	3	28	0.29	0.76	1.26	500

6 accounts with PEARS

24	7.7	80	44	60	0	33	0.84	1.49	0.79	404
169	10.3	107	10	16	2	28	0.44	1.18	2.52	813
170	10.9	25	11	41	7	41	1.94	1.09	-0.34	-233
298	8.6	247	30	43	4	49	0.68	1.35	1.45	1,425
315	6.0	23	0	26	0	4	0.14	1.27	2.38	116
345	2.2	73	3	38	4	24	0.66	1.14	1.19	77

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

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
1938	5.3	100	14	37	3	24	0.45	0.47	0.33	11

7 accounts with CHERRIES

Farm number	Orchard age acres	Average per acre				Net to grower		Return per hour of labor	Profit on enter-prise
		Yield per acre	labor to grow	cost of spray materials	cost to grow	cost per pound	returns per pound		
		pounds	hours	\$	\$	cents	cents		
315	9.5	5,227	14	4	31	2.6	4.9	0.95	1,152
335	6.9	6,540	12	3	52	3.0	4.8	0.98	819
170	4.8	6,882	95	9	86	4.2	5.0	0.56	253
298	4.5	7,789	30	18	71	5.1	8.6	1.20	1,221
169	4.3	3,320	14	2	39	2.0	5.3	2.28	465
327	3.1	2,804	24	1	55	4.3	5.0	0.61	59
171	1.0	6,018	8	0	27	2.0	4.0	1.22	118

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

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
1938	3.6	5,173	31	9	45	2.0	3.1	0.46	207

Farm number	Alfalfa per farm acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor Returns		Profit on enter- prise \$
			cost	returns	cost	value		per acre	per hour	
360	35.0	1.8	16	23	9	13	8	12	1.47	581
164	51.2	1.9	23	23	12	12	11	5	0.46	-23
361	43.0	1.6	17	19	11	12	5	4	0.70	89
315	42.4	1.9	17	28	9	15	9	15	1.65	477
130	41.7	2.9	34	43	12	15	19	17	0.89	381
170	38.8	3.7	25	40	6	10	13	20	1.57	565
288	38.1	2.6	18	29	6	10	14	15	1.11	396
335	35.7	2.6	24	36	8	13	15	18	1.16	426
371	32.5	1.9	18	31	9	16	8	16	2.03	409
369	27.0	1.9	21	19	11	10	7	2	0.28	-46
149	25.2	2.8	18	31	6	11	11	16	1.39	319
24	23.6	2.6	25	35	10	13	21	18	0.84	232
281	23.5	2.3	19	37	7	15	10	21	2.06	422
135	21.1	2.3	26	26	12	11	13	8	0.63	-7
81	20.8	2.9	40	32	14	11	19	0	-0.02	-165
327	20.8	3.0	38	41	13	14	9	7	0.76	61
163	20.2	3.0	24	37	8	12	13	17	1.31	254
150	18.2	2.8	20	34	7	12	8	17	2.14	246
171	18.2	1.9	19	20	10	11	8	6	0.73	30
139	17.4	2.3	31	37	13	16	12	10	0.82	106
331	16.9	2.9	26	29	9	10	18	8	0.43	43
324	15.3	0.9	27	13	29	14	6	-12	-2.13	-212
165	9.1	2.0	23	26	11	13	12	9	0.76	34
166	8.9	1.8	17	20	9	10	8	5	0.66	20
202	6.0	3.3	33	40	10	12	30	18	0.60	41
316	5.0	3.4	34	41	10	12	19	16	0.81	32
267	5.0	1.8	51	20	28	11	13	-25	-1.97	-156
145	2.0	3.0	43	45	14	15	11	7	0.64	5

Averages for 1942, by thirds according to acres of alfalfa, weighted by farms:

High	45.4	2.3	21	30	9	13	11	14	1.23	372
Medium	22.3	2.6	26	32	10	12	12	12	1.04	146
Low	10.4	2.3	30	29	14	12	14	4	0.14	-6

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

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
1938	18.9	2.2	20	20	9	9	13	3	0.26	-10
1937	21.2	2.2	21	23	9	10	13	5	0.38	24

Factors from 57 HAY accounts other than Alfalfa, 1942  
(Arranged by acres of hay)

Farm number	Kind of hay*	Hay per farm 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 \$	
358	3	134.4	1.6	22	32	13	20	8	14	1.86	1,424
188	3	128.7	2.3	20	27	5	8	6	10	1.70	854
359	3	97.0	2.0	25	29	12	14	9	8	0.87	434
221	5	65.0	1.7	27	15	16	9	13	-6	-0.14	-737
355	5	63.3	1.9	22	19	11	10	10	-1	0.08	-152
155	5	61.6	2.7	22	26	8	9	11	9	0.83	214
211	5	59.0	2.9	24	35	8	12	13	16	1.17	654
362	3	59.0	1.7	17	31	10	17	6	16	2.69	788
364	3	56.9	2.0	18	21	8	10	10	7	0.66	198
103	3	55.9	2.6	23	32	9	13	9	13	1.41	498
314	3	54.0	2.8	33	29	11	10	12	1	0.10	-226
176	3	53.0	2.9	23	34	8	12	13	17	1.34	591
370	3	53.0	3.4	21	34	6	10	8	15	1.87	685
309	3	47.0	2.2	15	21	7	10	9	10	1.08	294
319	3	46.4	2.2	16	19	7	8	12	6	0.52	104
287	3	44.2	2.3	31	27	14	12	11	2	0.18	-174
306	3	43.6	2.8	22	22	8	8	7	3	0.45	-21
316	3	42.6	3.5	36	39	10	11	14	9	0.65	131
139	3	41.8	1.3	16	16	12	12	9	2	0.21	-5
368	3	40.9	2.5	21	29	9	12	15	13	0.86	306
361	3	40.5	0.5	9	3	17	6	1	-5	-4.12	-221
186	3	40.3	1.6	28	16	17	10	8	-7	-0.84	-466
355	2	37.2	1.8	14	19	7	10	7	8	1.10	201
343	2	34.0	1.2	14	17	12	14	4	4	1.15	100
169	3	29.7	2.6	28	43	9	15	15	22	1.48	443
150	5	29.6	2.1	11	22	4	10	6	13	2.34	318
200	3	29.4	2.1	25	24	12	11	11	2	0.21	-23
284	3	29.3	2.5	23	32	9	13	9	13	1.49	272
357	5	28.0	2.4	19	36	8	15	9	20	2.19	470
331	3	27.5	4.3	33	43	8	10	22	16	0.71	258
291	3	27.3	1.1	14	5	13	5	9	-4	-0.47	-229
165	3	24.7	1.4	18	14	13	10	6	-1	-0.18	-95
343	3	24.0	1.8	20	28	10	15	2	9	4.02	192
24	3	23.9	2.3	29	32	13	14	12	7	0.56	56
202	3	23.5	1.2	13	18	11	15	9	9	0.98	125
149	3	23.0	1.5	11	16	5	9	5	7	1.28	117
345	2	22.7	1.3	19	26	15	20	10	12	1.18	161
163	3	21.8	2.0	20	26	9	12	8	9	1.04	127
145	3	21.4	1.3	20	21	14	15	5	4	0.74	37
373	5	20.9	1.8	18	19	9	10	11	4	0.41	31
165	3	20.8	1.2	20	13	16	10	8	-4	-0.47	-155
149	2	20.5	2.7	21	25	7	9	8	7	0.83	95
163	2	19.7	1.5	15	16	10	10	8	4	0.49	25
166	3	19.2	2.0	21	18	11	9	9	0	0.02	-62
295	3	18.9	1.7	33	26	20	15	17	-1	-0.06	-140
164	3	18.6	1.0	11	12	12	12	4	2	0.48	4
281	3	16.6	1.9	26	38	9	15	10	15	1.50	198
338	3	16.0	2.3	33	22	14	9	9	-7	-0.73	-173

- continued -

## Factors from HAY accounts other than Alfalfa, 1942

- continued -

Farm number	Kind of hay*	Hay per farm 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	
				\$	\$	\$	\$		\$	\$	
355	2	12.1	2.6	26	36	9	13	11	14	1.24	122
324	3	12.0	1.5	26	21	17	14	13	-1	-0.04	-60
285	3	11.9	1.5	29	15	19	10	9	-10	-1.06	-165
193	2	10.0	0.6	29	6	49	10	9	-20	-2.17	-234
145	2	8.2	1.2	13	19	10	14	5	7	1.36	44
310	3	6.0	2.2	46	13	21	6	17	-26	-1.53	-196
335	2	5.8	0.7	32	6	47	8	49	-9	-0.18	-156
369	5	4.5	1.8	18	11	10	6	1	-7	-5.00	-33
281	2	3.0	1.0	26	12	26	12	7	-12	-1.71	-43

Averages for 1942, by thirds according to acres of hay, weighted by farms:

High	63.5	2.4	23	27	10	11	10	8	0.91	294
Medium	29.3	1.9	19	24	11	12	9	8	0.79	111
Low	14.0	1.6	24	18	17	11	11	-2	-0.31	-45

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

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.

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 \$		
188	28.5	13	1.6	5	17	7	42	1.22	3.28
362	23.5	7	4.8	15	19	21	56	2.09	7.74
335	19.3	6	4.8	10	21	7	52	3.27	8.00
361	19.0	10	1.8	5	17	7	35	0.94	2.82
331	18.3	11	3.3	7	29	16	60	2.37	5.50
281	17.8	12	3.4	18	24	17	58	1.41	4.74
364	17.5	8	3.4	13	14	3	37	1.48	4.78
359	16.0	12	3.7	10	37	15	66	2.18	5.24
287	15.3	12	1.3	6	10	5	43	1.56	3.48
344	14.5	14	1.8	7	18	12	59	1.42	4.28
370	14.0	10	3.6	10	24	7	48	2.04	4.97
149	14.0	9	2.4	7	15	0	33	1.37	3.74
150	13.5	9	2.1	5	13	8	35	1.47	4.09
130	13.1	10	3.3	8	24	6	48	2.27	4.90
155	12.7	11	2.2	9	16	4	50	1.69	4.41
306	12.6	11	1.7	8	11	12	54	1.56	4.85
355	12.2	12	2.1	10	15	9	38	1.13	3.31
145	12.2	10	2.5	5	21	6	29	1.11	2.76
368	12.0	10	3.0	7	23	9	46	1.62	4.60
316	11.6	13	1.8	9	15	8	77	1.71	5.86
365	11.5	15	2.8	14	28	14	78	2.54	5.15
309	11.0	10	2.8	9	20	13	44	1.21	4.35
324	10.7	10	3.0	10	19	5	41	1.39	4.17
200	10.7	4	4.9	9	13	1	33	1.98	7.40
165	10.4	10	3.8	16	21	5	46	1.89	4.74
295	10.0	5	3.9	8	11	11	38	1.92	7.66
357	10.0	8	2.9	6	17	0	34	1.75	4.24
288	9.1	12	2.0	10	14	13	47	1.08	3.85
284	9.0	12	1.7	7	12	2	46	1.40	3.91
163	8.5	12	3.0	10	26	8	48	1.66	4.09
169	8.2	12	5.0	25	36	7	73	2.21	5.93
166	8.0	10	3.5	12	23	2	38	1.45	3.82
139	7.8	15	4.6	28	43	17	74	1.68	4.82
369	7.5	7	2.3	8	9	3	41	2.00	5.72
371	7.5	7	3.3	10	12	5	38	1.62	5.72
164	7.1	13	2.7	5	29	12	55	2.09	4.33
186	6.0	11	1.9	7	14	10	48	1.94	4.33
202	5.5	6	3.7	12	12	5	34	1.37	5.40
315	4.0	12	2.9	9	25	0	38	1.67	3.33
373	4.0	10	5.2	16	34	4	56	2.95	5.92
319	3.5	17	3.6	11	53	14	74	2.25	4.25

Averages for 1942, by thirds according to acres of silage, weighted by farms:

High	17.4	10	3.0	9	20	9	48	1.79	4.83
Medium	11.2	10	2.8	9	17	8	47	1.61	4.81
Low	6.7	11	3.3	12	25	7	51	1.87	4.74

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

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 28 CORN FOR GRAIN accounts, 1942  
(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 enterprise
			cost	returns	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	
221**	46.0	44	29	58	0.65	1.30	12	34	2.81	1,334
211**	36.0	20	29	27	1.46	1.39	19	5	0.26	- 52
371	25.0	38	23	41	0.61	1.07	14	24	1.75	443
359	15.0	55	59	54	1.07	0.98	64	20	0.32	- 76
146	14.6	48	26	48	0.55	1.00	12	27	2.33	312
171	14.5	25	23	13	0.92	0.51	12	- 4	-0.31	- 148
149	14.4	43	19	32	0.43	0.75	17	19	1.12	200
24	14.1	39	40	31	1.04	0.81	16	- 3	-0.20	- 127
186	13.0	42	29	51	0.70	1.20	16	29	1.89	277
345	12.5	43	62	57	1.36	1.35	64	25	0.39	- 56
288	10.1	99	38	62	0.39	0.63	12	28	2.30	243
368	7.0	71	44	73	0.61	1.01	30	40	1.31	203
355	7.0	60	46	77	0.69	1.20	43	46	1.06	214
310	6.3	57	38	63	0.66	1.12	22	35	1.59	163
200	5.2	41	55	40	1.11	0.75	37	- 4	-0.12	- 77
130	5.2	10	19	11	2.02	1.12	17	- 1	-0.08	- 45
319	5.0	48	28	52	0.59	1.08	44	38	0.88	118
163	5.0	40	34	46	0.60	0.90	40	26	0.63	60
135	4.0	44	48	54	1.07	1.20	25	22	0.87	22
145	4.0	69	38	102	0.33	1.27	38	80	2.07	259
344	3.5	91	63	102	0.69	1.12	54	63	1.18	136
365	3.0	37	33	38	0.88	1.03	18	11	0.64	17
316	2.8	20	95	24	4.85	1.20	70	-39	-0.55	- 201
324	2.5	50	31	50	0.62	1.00	16	25	1.51	48
150	2.5	60	33	60	0.55	1.00	14	33	2.41	68
155	2.0	30	38	27	1.27	0.90	19	- 2	-0.13	- 22
285	2.0	30	64	30	2.13	1.00	57	- 8	-0.14	- 68
281	2.0	50	58	50	1.17	1.00	62	12	0.19	- 17

Averages for 1942, by thirds according to acres of corn, weighted by farms:

High	21.4	39	31	39	0.83	1.00	20	17	1.11	240
Medium	7.0	52	40	53	0.89	1.02	34	26	0.88	91
Low	2.8	48	50	54	1.36	1.07	37	20	0.80	24

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

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

\*\* Includes some corn raised for seed.

Factors from 26 OAT accounts, 1942  
(Arranged by acres of oats)

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				
\$	\$	\$	\$	\$	\$	\$	\$			
335	40.9	24	20	14	0.81	0.56	8	- 3	-0.40	-253
155	32.1	48	27	32	0.50	0.60	11	10	0.91	160
359	32.0	25	30	22	0.98	0.64	13	- 4	-0.29	-274
164	29.0	42	24	28	0.51	0.60	14	10	0.69	113
221	28.0	36	28	24	0.75	0.65	13	2	0.17	- 99
316	27.8	36	42	35	0.99	0.80	13	- 1	-0.04	-188
130	24.8	61	33	51	0.46	0.75	17	25	1.49	438
188	22.0	32	35	25	0.96	0.64	11	- 4	-0.39	-224
186	19.0	47	38	37	0.67	0.65	12	5	0.44	- 22
371	18.0	46	22	38	0.30	0.66	12	22	1.90	295
171	17.8	35	20	23	0.58	0.65	7	6	0.88	45
165	17.6	55	28	45	0.44	0.75	12	22	1.87	302
327	16.8	73	41	57	0.33	0.56	13	22	1.73	276
202	16.2	51	26	41	0.47	0.75	18	21	1.20	237
362	14.0	29	28	23	0.71	0.55	14	2	0.11	- 65
319	11.8	32	26	27	0.68	0.70	14	6	0.40	9
24	11.0	45	24	28	0.52	0.61	7	6	0.92	42
170	10.2	70	36	77	0.47	1.06	19	49	2.59	415
373	7.6	4	4	4	0.57	0.60	4	1	0.32	1
345	7.5	37	30	38	0.78	1.00	17	15	0.91	60
315	7.0	55	31	38	0.52	0.65	20	16	0.81	51
281	6.6	60	48	42	0.70	0.60	19	0	-0.01	- 41
163	5.5	33	24	25	0.59	0.64	27	11	0.40	9
139	4.6	30	44	27	1.15	0.60	36	- 6	-0.17	- 77
200	4.5	50	30	33	0.53	0.60	13	7	0.55	16
135	3.0	40	37	21	0.90	0.50	16	- 6	-0.38	- 48

Averages for 1942, by thirds according to acres of oats, weighted by farms:

High	29.6	38	30	29	0.74	0.66	12	4	0.27	- 41
Medium	15.8	46	28	35	0.52	0.65	12	12	1.05	124
Low	6.3	42	32	34	0.69	0.69	19	10	0.56	43

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

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 27 MIXED SPRING GRAIN accounts, 1942  
(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				
\$	\$	\$	\$	\$	\$					
365	32.1	42	18	29	0.34	0.60	13	15	1.16	358
369	32.0	37	21	31	0.53	0.80	9	15	1.62	327
368	25.1	28	16	14	0.56	0.50	6	0	0.07	- 44
344	24.0	46	40	42	0.76	0.80	19	11	0.56	48
150	23.0	43	23	50	0.40	1.00	9	30	3.25	603
343	21.1	29	25	30	0.73	0.90	8	8	0.90	102
149	20.5	41	27	34	0.60	0.75	10	9	0.88	127
288	20.0	28	19	20	0.67	0.72	6	3	0.60	29
166	18.8	43	26	39	0.50	0.80	12	17	1.49	243
295	18.1	23	17	24	0.51	0.80	7	9	1.38	122
81	18.1	56	35	51	0.56	0.85	17	23	1.34	292
200	14.0	56	29	42	0.47	0.70	16	17	1.12	183
361	13.3	59	23	47	0.29	0.70	15	29	1.94	323
309	13.0	46	38	37	0.73	0.70	16	5	0.30	- 18
315	13.0	25	21	15	0.84	0.60	6	- 3	-0.50	- 79
364	12.8	30	26	26	0.75	0.75	13	4	0.30	- 2
370	12.0	52	33	34	0.48	0.50	17	5	0.31	10
163	11.1	44	25	39	0.48	0.80	13	18	1.40	154
287	10.8	46	26	49	0.37	0.85	5	25	4.74	242
169	10.3	51	54	48	0.94	0.80	31	8	0.25	- 71
155	10.0	45	28	34	0.54	0.68	16	13	0.78	61
284	9.2	71	36	62	0.38	0.75	16	33	2.01	240
355	8.2	43	35	47	0.72	1.00	15	17	1.14	98
306	8.0	52	31	42	0.60	0.80	16	18	1.18	81
281	7.0	50	49	37	0.85	0.60	31	- 3	-0.09	- 86
324	6.0	25	34	24	1.13	0.75	25	- 1	-0.05	- 57
285	5.6	18	35	19	1.97	1.04	14	-10	-0.73	- 93

Averages for 1942, by thirds according to acres of grain, weighted by farms:

High	24.1	37	24	32	0.57	1.17	10	12	0.76	199
Medium	13.9	43	27	35	0.57	0.84	13	12	0.71	109
Low	8.3	45	36	40	0.83	1.03	19	11	0.81	46

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

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 34 WHEAT accounts, 1942  
(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 enterprise
			cost \$	returns \$	cost \$	value \$		per acre \$	per hour \$	
221	49.0	24	17	32	0.66	1.28	7	18	2.49	719
267	44.9	30	24	37	0.81	1.25	7	16	2.36	578
146	36.4	30	20	42	0.48	1.20	11	27	2.52	783
368	30.0	27	30	39	0.91	1.25	7	12	1.60	276
150	30.0	35	25	46	0.55	1.14	9	25	2.66	632
360	28.0	33	24	34	0.73	1.02	12	17	1.47	267
186	22.8	37	41	55	0.89	1.26	12	20	1.58	310
103	21.5	26	20	34	0.56	1.10	7	17	2.45	299
211	21.0	35	23	49	0.44	1.17	14	30	2.21	537
324	20.5	29	24	46	0.56	1.29	15	26	1.77	437
130	19.7	42	40	61	0.80	1.31	25	31	1.26	421
327	18.5	39	34	58	0.68	1.29	13	28	2.13	438
361	16.5	37	18	54	0.27	1.25	12	40	3.39	596
149	15.0	18	25	24	1.19	1.15	11	2	0.19	- 11
81	14.5	36	42	53	1.08	1.41	15	17	1.16	168
371	14.5	28	27	43	0.72	1.30	13	22	1.71	235
365	14.0	27	24	32	0.80	1.09	14	12	0.83	109
315	13.6	37	28	47	0.65	1.15	18	26	1.49	253
171	11.6	29	32	39	0.96	1.20	14	14	0.97	80
170	10.7	28	30	43	0.93	1.40	17	20	1.16	140
309	10.6	31	27	36	0.75	1.03	15	15	0.94	94
364	10.5	12	21	15	1.66	1.15	13	- 2	-0.14	- 63
287	10.4	34	52	57	0.99	1.11	10	8	0.77	43
359	10.0	20	28	38	0.98	1.48	12	15	1.18	100
135	9.0	30	31	32	1.00	1.02	9	6	0.66	6
145	7.5	22	35	37	1.18	1.28	11	6	0.56	17
155	7.5	28	27	34	0.86	1.10	11	11	0.99	51
306	7.5	33	41	56	0.74	1.20	15	23	1.54	115
369	7.0	13	20	16	1.57	1.24	14	2	0.12	- 29
335	6.9	32	19	41	0.45	1.14	9	25	2.73	152
164	6.3	34	34	47	0.83	1.20	19	20	1.09	79
24	5.9	27	40	35	1.42	1.23	36	8	0.22	- 30
174	5.5	49	56	68	0.86	1.11	19	20	1.06	66
202	4.0	26	35	34	1.29	1.26	21	7	0.32	- 3

Averages for 1942, by thirds according to acres of wheat, weighted by farms:

High	29.4	32	26	43	0.67	1.21	11	22	2.03	478
Medium	13.6	29	28	40	0.88	1.22	14	18	1.26	185
Low	7.3	29	35	41	1.01	1.20	16	13	0.94	47

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

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 10 SPRING BARLEY accounts, 1942  
(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 enterprise
			cost	returns	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	
211	20.0	20	16	21	0.74	0.98	8	8	0.94	100
186	17.1	20	18	15	0.88	0.75	4	0	-0.11	-46
146	15.0	34	20	27	0.59	0.80	7	11	1.43	106
360	15.0	40	38	28	0.95	0.70	8	-5	-0.54	-151
188	12.0	10	31	12	2.87	0.96	8	-15	-1.95	-229
335	8.9	14	18	10	1.27	0.74	10	4	-0.41	-66
331	8.3	24	44	27	1.71	1.00	28	-9	-0.32	-142
357	8.0	28	25	31	0.79	1.00	19	14	0.71	46
163	6.3	42	30	37	0.64	0.80	16	12	0.78	43
155	2.5	57	29	45	0.44	0.72	9	20	2.27	40

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

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 5 SOY BEAN accounts, 1942  
(Arranged by acres of soy beans)

Farm number	Grain per farm acres	Yield per acre bushels	Average per acre		Average per bushel		Labor per acre hours	Labor returns		Profit on enterprise
			cost	returns	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	
327	15.7	*	32	*	*	*	13	-27	-2.16	-510
155	7.0	11	22	14	1.95	1.20	10	-4	-0.45	-60
171	5.0	*	16	*	*	*	6	-13	-1.97	-80
150	4.8	10	21	21	2.02	2.00	8	3	0.39	-1
146	4.2	12	23	18	1.90	1.50	11	1	0.07	-20

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

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

\* Crop failure

Summary, 1942  
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	21	27.4	280 bu.	\$1.60	95	\$3,009	\$110
Cabbage	15	10.8	11.8 tons	0.77	104	378	35
Tomatoes, C.F.	10	10.7	10.2 tons	0.75	164	510	47
Peas, C.F.	11	10.9	2,199 lbs.	1.97	19	317	29
Beans, dry	8	16.9	18 bu.	0.95	25	222	13
<u>Fruit</u>							
Apples	18	46.4	212 bu.	1.07	121	3,315	71
Cherries	7	4.9	5,625 lbs.	0.94	284	584	120
Peaches	4	7.5	178 bu.	1.65	116	1,081	144
Pears	6	7.6	97 bu.	1.25	79	434	57
<u>Grain</u>							
Wheat	34	16.5	30 bu.	1.58	12	231	14
Corn for Grain	28	10.2	43 bu.	0.87	24	115	11
Mixed spring grain	27	15.4	41 bu.	0.97	13	118	8
Oats	26	16.7	41 bu.	0.63	13	45	3
Barley, spring	10	11.3	26 bu.	0.16	10	- 30	- 2
Soybeans	5	7.3	5 bu.*	-1.32	10	-134	-19
<u>Hay</u>							
Alfalfa	28	25.4	2.3 tons	0.98	12	164	6
Other Hay	57	35.6	2.1 tons	0.76	9	120	3

\* Two of the five farms had a crop failure.

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	42	22	8,600 lbs.	\$0.82	125	\$1,208
Hens	36	935	166 eggs	1.25	1.62	1,288
Raising chicks	33	2,451*		0.57	0.25	107
Incubation	7	**	**	2.79		1,045
Sheep	7	80	0.94 lambs	1.10	4.3	234
Feeder lambs	8	651	28 lbs./	0.74	1.27	239
Hogs	28	9***	-----	0.65	-----	59

\* Number of chicks started

\*\* The average number of eggs set per farm was 32,533, and the per cent hatch, 71.

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

∧ Pounds of gain per head for 155 days on feed.

Returns per Hour of Labor

Averages by 5-Year Periods 1914 to 1938, and individual years 1939, 1940 and 1942.

Farm Enterprises	1914 to 1918	1919 to 1923	1924 to 1928	1929 to 1933	1934 to 1938	1939	1940	1942
<b>Livestock:</b>								
Dairy cows	0.30	0.25	0.40	0.14	0.25	0.25	0.35	0.82
Hens	0.28*	0.84	0.47	0.31	0.29	0.27	0.24	1.25
Raising chicks	-	-	-	0.46	0.33	0.29	0.23	0.57
Incubation	-	-	-	-	1.91	1.19	2.38	2.79
Sheep	-	-	-	-0.73	0.06	-0.03	0.59	1.10
Feeder lambs	-	-	-	0.04	0.18	-0.18	0.65	0.74
Hogs	-	-	-	-0.03	0.24	0.00	-0.00	0.65
<b>Fruit:</b>								
Apples	-	0.79	0.79	0.45	0.45	0.09	0.35	1.07
Cherries	-	-	-	-	0.34	0.25	0.66	0.94
Peaches	-	-	-	-	0.54	0.41	0.57	1.65
Pears	-	-	-	-	0.36	0.46	0.58	1.25
<b>Grain:</b>								
Barley (spring)	0.03	-0.28	0.07	-0.34	0.07	0.21	-0.22	0.16
Corn	0.13	-0.01	-0.13	0.03	0.22	0.32	0.11	0.87
Oats	0.11	-0.31	0.03	-0.34	-0.02	0.14	0.10	0.63
Mixed spring grains	-	-	-	-0.30	-0.03	0.34	0.33	0.97
Wheat	0.58	-0.03	0.20	-0.03	0.47	0.73	0.82	1.58
<b>Hay:</b>								
Alfalfa	0.82	0.94	0.78	0.31	0.53	0.93	0.41	0.98
All other hay	0.73	0.66	0.08	-0.01	0.18	0.16	-0.03	0.76
<b>Vegetables:</b>								
Beans, dry	0.12	0.23	-0.06	0.05	0.30	0.30	-0.22	0.95
Cabbage	0.46	0.45	0.49	0.34	0.48	0.92	0.13	0.77
Corn, sweet	-	-	-	-	0.42	0.47	-	-
Peas, canning-factory	-	-	-	0.21	0.16	0.06	1.23	1.97
Potatoes	0.49	0.51	0.89	0.52	0.50	0.74	0.24	1.60
Tomatoes, canning-factory	-	-	-	0.24*	0.41	0.41	0.11	0.75

\* Less than five years.