

INDIVIDUAL FACTORS,
AVERAGES BY GROUPS OF FARMS
AND
ANNUAL AVERAGES
FROM
FARM COST ACCOUNTS
79 FARMS, 1940

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Each farm enterprise is reported on separately in this report. Factors are arranged according to size. The farm with the largest number of cows comes first on page 9, and the farm with the largest number of hens is first on page 13.

Accounts on each enterprise have been divided into three equal groups: largest, medium sized, and smallest. The averages for these groups, shown near the bottom of the following pages, are weighted by farms, i.e., each farm is given equal weight in the calculation of the averages. For example, on page 11, the value per cow for the low third was \$104, or the average of the 18 figures representing the value per cow on 18 different farms. The annual averages are weighted by cows, acres, etc. The value per cow for 1940 of \$112 is the total value of all cows, or \$137,874, divided by 1228, the total number of cows.

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A discussion of the 1940 results will be published soon. Write to:

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Farm number	No. of men	Total hours per farm hours	Hours per man hours	Farm operator		Average cost per month for regular hired men			Cost per hour for help	Average cost per hour for all labor	Average cost per man
				wage per mo. \$	privi- leges per mo. \$	and privi- leges \$	wage and board \$	wage only \$			
193	10.0	28,856	2,886	100	33	73	-	66	24	30	860
194	9.0	24,221	2,691	123	38	139	-	55	32	41	1,109
20	8.8	22,808	2,592	75	51	85	60	-	24	34	881
170	8.5	25,113	2,954	42	29	54	-	41	28	24	719
174	8.2	25,359	3,093	125	45	89	107	65	21	31	963
316	6.8	22,947	3,374	100	51	134	66	46	31	34	1,164
227	6.3	18,652	2,961	77	10	59	-	56	22	24	709
24	6.2	20,672	3,334	75	43	56	-	59	24	25	831
196	6.0	18,781	3,130	120	38	111	-	101	28	40	1,239
136	5.9	16,336	2,769	100	41	62	-	40	25	35	966
298	5.7	14,017	2,470	100	15	73	-	-	22	34	832
327	5.5	16,837	3,061	70	18	91	-	60	30	31	945
363	5.4	12,081	2,237	75	46	69	56	59	31	41	927
315	5.3	15,026	2,835	83	38	81	35	58	24	32	902
267	5.2	13,146	2,528	60	43	64	78	-	30	36	902
306	5.1	9,862	1,934	91	32	-	-	76	27	55	1,059
330	4.9	13,250	2,704	75	40	78	-	50	27	31	843
331	4.9	15,523	3,168	50	42	-	55	-	22	26	827
358	4.9	16,243	3,315	115	38	98	-	-	20	39	1,300
188	4.6	16,827	3,658	62	28	67	55	-	31	24	865
130	4.4	13,890	3,157	100	36	79	-	58	28	34	1,061
357	4.4	13,467	3,061	50	27	63	58	-	23	25	749
327	4.3	12,183	2,833	66	34	50	-	-	20	26	723
335	4.3	16,162	3,759	65	59	76	-	-	27	26	995
339	4.3	10,440	2,428	113	27	-	-	-	31	45	1,101
359	4.2	11,582	2,758	100	25	69	-	-	29	36	994
160	4.1	12,091	2,949	85	42	122	49	-	19	35	1,026
103	3.9	10,768	2,761	125	31	69	-	-	26	39	1,088
324	3.8	10,097	2,657	50	38	68	-	-	30	31	822
360	3.8	8,178	2,152	83	18	-	-	-	21	40	864
368	3.8	10,950	2,882	60	26	67	55	-	22	27	792
149	3.7	12,483	3,374	67	26	60	-	-	23	23	774
163	3.6	10,902	3,028	100	31	-	70	52	24	32	964
344	3.6	11,601	3,222	60	47	78	27	26	35	30	976
345	3.6	9,606	2,668	25	54	-	70	-	29	33	876
365	3.6	11,838	3,288	50	31	50	-	-	20	21	695
291	3.5	9,039	2,583	58	29	67	-	-	12	34	884
341	3.5	12,497	3,571	60	46	-	76	-	-	27	962
284	3.4	10,202	3,001	80	45	73	-	-	36	36	1,065
169	3.2	9,507	2,971	83	45	124	-	-	25	41	1,222
310	3.2	7,030	2,197	83	3	80	-	61	28	41	960
150	3.1	8,905	2,873	50	59	68	-	-	30	38	1,102
165	3.1	10,451	3,371	90	41	65	-	-	26	31	1,042
310	3.1	8,790	2,835	75	48	-	-	70	26	36	1,007
278	3.0	11,940	3,980	50	38	63	-	-	-	21	848

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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.	privi- leges per mo.	wage and privi- leges	wage and board	wage only			
		hours	hours	\$	\$	\$	\$	\$	¢	¢	\$
364	3.0	9,087	3,029	60	38	-	-	58	20	27	825
171	2.9	6,803	2,346	50	32	-	-	57	35	33	767
362	2.9	10,553	3,639	100	59	-	57	-	34	31	1,115
155	2.8	8,820	3,150	40	41	-	52	-	15	25	772
367	2.8	7,571	2,704	50	41	65	-	-	31	32	866
166	2.7	7,739	2,866	100	48	75	-	-	27	41	1,167
361	2.7	8,276	3,065	60	26	65	-	-	22	27	831
306	2.7	5,894	2,183	60	45	-	44	-	23	33	726
146	2.6	5,471	2,104	100	30	67	-	-	21	48	1,005
211	2.6	8,459	3,253	59	22	-	-	64	25	25	822
281	2.5	9,184	3,674	60	22	-	-	-	27	23	845
287	2.5	7,073	2,829	75	30	59	-	-	25	33	929
81	2.4	6,932	2,888	75	47	-	62	-	29	36	1,045
164	2.4	6,755	2,815	67	30	61	-	-	30	32	914
200	2.3	7,182	3,123	75	44	-	-	-	25	33	1,036
318	2.3	5,633	2,449	50	50	-	59	-	38	38	928
369	2.3	9,130	3,970	50	18	61	52	-	16	18	730
285	2.2	4,795	2,180	58	36	-	-	-	25	40	872
343	2.2	6,865	3,120	30	30	46	42	-	-	23	725
288	2.1	8,392	3,996	60	34	-	60	-	18	23	900
319	2.1	5,219	2,485	50	36	-	49	-	15	35	864
355	2.1	6,973	3,320	71	46	62	-	-	22	32	1,051
139	2.0	8,655	4,328	83	36	68	-	-	-	26	1,121
299	1.9	7,033	3,702	83	28	-	59	38	26	28	1,023
309	1.9	5,035	2,650	40	23	-	53	25	22	25	652
185	1.8	5,157	2,865	81	1	-	-	-	26	32	931
202	1.8	4,623	2,568	50	24	-	62	-	36	31	804
295	1.6	3,674	2,296	42	20	-	-	-	15	26	593
351	1.6	4,465	2,791	40	23	-	-	-	21	24	686
348	1.5	4,489	2,993	40	46	-	45	-	-	29	857
135	1.3	2,844	2,188	60	50	-	-	-	29	55	1,207
338	1.3	3,547	2,728	60	31	-	-	-	26	36	987
354	1.3	3,571	2,747	47	33	-	-	-	25	31	855
145	1.2	4,161	3,468	75	57	-	-	-	24	44	1,518

Averages for 1940, by thirds according to number of men, weighted by farms:

High	5.9	17,090	2,911	85	36	79	63	59	26	33	941
Middle	3.3	9,690	2,939	69	38	74	56	54	26	32	929
Low	2.0	5,974	2,982	61	33	61	54	42	25	32	919

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

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

Farm number	Horses per farm	Average per horse				cost of feed and bedding	Cost per hour
		hours worked	value	grain	hay		
	<u>horses</u>	<u>hours</u>	<u>dollars</u>	<u>pounds</u>	<u>tons</u>	<u>dollars</u>	<u>cents</u>
139	2.1	1,314	115	2,724	5.7	123	14
316	2.0	1,225	110	2,250	3.0	86	14
344	2.0	1,166	165	3,870	5.0	100	27
169	2.0	1,158	162	2,740	3.5	72	11
185	2.0	1,141	150	370	3.5	60	14
361	2.0	1,116	212	4,700	3.0	93	16
355	1.8	1,112	125	2,414	5.6	102	25
24	3.5	1,077	129	1,740	3.0	55	14
362	4.1	1,015	123	3,344	2.4	85	14
341	2.0	984	225	650	2.5	40	67
306	2.0	969	138	1,500	3.5	70	14
325	4.0	962	126	2,829	3.5	97	17
335	4.0	944	108	1,529	3.9	58	10
130	5.0	906	180	2,920	3.4	75	19
365	4.0	900	120	3,300	3.0	62	12
348	2.0	884	140	4,799	2.8	100	17
284	2.0	868	75	3,040	2.0	70	14
200	2.0	866	206	1,892	4.5	67	25
364	2.0	866	125	1,739	1.0	50	18
324	1.8	850	125	1,744	2.2	59	19
299	2.6	840	133	2,477	2.3	75	18
295	2.0	828	158	2,500	2.5	92	20
343	2.0	778	125	2,227	1.5	51	10
315	2.0	758	162	1,712	3.0	68	20
281	4.0	757	239	540	2.0	41	16
367	2.0	744	122	3,220	6.0	94	18
319	2.0	730	122	370	3.0	41	14
186	2.5	718	185	2,880	2.0	61	14
174	3.3	717	99	2,333	4.6	89	22
188	1.7	713	63	1,700	2.9	52	15
331	2.5	687	122	1,900	3.0	58	23
166	2.0	684	171	2,272	2.5	62	15
278	2.0	666	188	1,280	3.5	60	19
368	2.0	658	73	2,520	4.0	64	17
196	4.0	657	134	2,075	2.0	72	23
155	4.0	655	172	1,680	3.0	55	21
171	2.3	647	129	496	2.6	47	15
287	3.0	646	100	5,875	2.5	94	21
170	6.0	627	158	533	2.5	32	9
165	3.0	624	65	1,227	2.5	58	15
149	6.6	591	215	932	3.1	53	21
150	5.0	585	37	1,294	2.8	38	14
327	2.5	553	127	1,246	2.8	69	32
309	3.0	549	133	2,016	2.0	55	21
160	3.0	538	97	933	3.5	54	18

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Farm number	Horses per farm	Average per horse				cost of feed and bedding	Cost per hour
		hours worked	value	grain	hay		
	<u>horses</u>	<u>hours</u>	<u>dollars</u>	<u>pounds</u>	<u>tons</u>	<u>dollars</u>	<u>cents</u>
357	4.0	533	115	1,320	2.2	43	17
351	3.0	512	78	507	3.3	43	11
164	3.8	495	212	3,377	4.2	105	45
221	3.8	494	169	5,442	4.2	118	37
288	3.0	485	183	666	1.3	54	17
202	3.6	481	122	1,146	4.4	69	27
345	2.0	450	202	1,408	2.0	58	25
318	4.0	448	136	2,170	2.0	84	22
267	2.0	424	142	1,638	4.0	72	48
338	2.0	400	138	1,600	3.0	66	28
266	7.1	377	228	2,214	2.8	64	54
163	3.5	360	129	1,857	2.3	65	30
330	6.0	326	192	617	2.0	38	30
211	2.0	314	156	0	2.5	16	26
285	2.0	302	88	1,620	5.0	86	52
145	3.0	271	76	0	3.7	52	26
146	1.0	260	85	768	3.0	29	35
291	2.0	239	20	950	2.5	51	41
360	2.0	213	120	0	1.5	31	33
359	3.0	62	100	1,567	3.2	72	216

Averages for 1940, by thirds according to hours worked per horse, weighted by farms:

High	2.6	1,000	143	2,503	3.3	77	19
Medium	3.1	670	134	1,833	2.9	60	18
Low	3.1	380	133	1,419	3.0	60	40

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

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

		Annual cost per tractor					Gallons of fuel per hour	Hours of use per tractor	Average cost per hour of use
Farm number	Size of tractor*	Average value	depre- ciation and cash repairs	fuel and oil	all other	total cost			
		dollars	dollars	dollars	dollars	dollars	gallons	hours	dollars
163	2	762	85	174	62	321	1.5	1,101	0.29
221	2,2	384	60	116	26	202	1.3	918	0.22
146	2	900	200	131	59	390	1.1	912	0.43
324	2	628	58	108	29	195	.8	859	0.23
358	2,2	524	66	100	60	226	1.2	823	0.27
298	2,2	825	100	98	53	251	1.1	806	0.31
24	3	1,050	100	137	73	310	1.3	782	0.40
267	2,3	946	66	155	63	284	1.9	780	0.36
150	2	682	75	175	45	295	1.8	736	0.40
171	2	700	214	57	51	322	.6	732	0.44
315	2	850	108	102	92	302	1.3	708	0.43
363	2	840	231	176	31	438	2.3	684	0.64
335	2	550	65	151	48	264	2.1	677	0.39
166	2	775	152	123	83	358	1.7	665	0.54
170	2	550	105	192	39	336	1.9	641	0.52
174	2	662	106	80	39	225	1.0	635	0.35
135	2	750	101	88	57	246	1.3	624	0.39
359	2	1,225	257	102	86	445	1.5	619	0.72
165	3	518	98	116	94	308	1.6	605	0.51
367	2	620	84	185	46	315	3.0	589	0.53
344	2	650	116	88	44	248	1.3	578	0.43
186	2,2	820	194	72	35	301	1.1	577	0.52
81	1,1	417	120	56	28	204	.9	570	0.36
193	1,2,2,3	744	162	143	68	373	2.1	569	0.66
330	2	575	65	113	61	239	1.7	559	0.43
130	2	650	100	140	91	331	2.1	555	0.60
368	2	650	100	98	136	334	1.6	526	0.63
211	2,2	462	82	107	37	226	2.0	512	0.44
361	2	900	101	77	78	256	1.3	506	0.51
325	2	650	102	114	61	277	1.9	489	0.57
310	1	562	108	99	45	252	1.6	458	0.55
316	2,3	521	101	89	54	244	1.7	457	0.54
315	1	68	6	31	15	52	.6	457	0.11
155	3	712	75	101	59	235	2.0	451	0.52
266	2,2	968	160	68	78	306	1.6	449	0.68
360	1,1,2	432	61	118	23	202	1.7	448	0.45
369	1,1	340	92	88	23	203	1.2	426	0.47
284	2	350	4	117	31	152	2.3	415	0.37
278	1	712	78	111	53	242	1.8	409	0.59
188	2	400	38	75	44	157	1.5	407	0.39
327	2,2	600	101	60	29	190	1.4	394	0.48
192	2,2	782	315	65	82	462	1.5	388	1.19
325	2	880	40	79	38	157	1.5	377	0.42
357	3	878	298	70	59	427	2.5	375	1.14
365	2	540	124	91	34	249	2.4	358	0.70

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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-	fuel and oil	all other	total cost			
			ciation and repairs						
		dollars	dollars	dollars	dollars	dollars	gallons	hours	dollars
340	2	450	101	33	27	161	1.7	349	0.46
319	1	338	37	48	28	113	1.2	348	0.32
343	2	312	67	55	25	147	1.4	346	0.42
160	2	788	29	50	66	145	1.6	320	0.45
366	2	513	106	71	52	229	1.8	318	0.72
103	1	450	101	67	39	207	1.2	314	0.66
331	2,3	382	20	72	28	120	2.0	312	0.39
318	2	400	28	100	55	183	2.2	300	0.61
288	3	940	112	66	30	208	1.7	286	0.73
149	2	58	120	52	42	214	2.2	285	0.75
287	2	978	160	105	52	317	2.2	280	1.13
339	2	600	212	34	58	304	1.1	279	1.09
355	2	462	75	62	26	163	1.7	275	0.59
362	2	338	85	28	48	161	1.1	269	0.60
364	1	100	7	94	11	112	3.0	266	0.42
200	2	362	27	50	42	119	1.8	265	0.45
188	3	825	150	66	54	270	1.4	255	1.06
306	2	275	62	78	26	166	2.7	245	0.68
164	2	375	63	45	24	132	1.6	243	0.54
309	2	145	10	83	22	115	2.3	215	0.53
196	2	88	47	20	13	80	1.5	207	0.42
169	1	312	47	42	57	146	1.9	140	1.04
341	1	178	45	18	9	72	1.2	129	0.56
145	2	62	32	29	11	72	2.2	95	0.76
285	1	225	53	27	19	99	2.2	85	1.16
367	1	28	17	10	7	34	1.0	78	0.44
295	1	75	0	22	7	29	1.7	61	0.48
299	1	45	12	12	12	36	2.2	34	1.06

Averages for 1940, by thirds according to hours of use per tractor, weighted by farms:

High	724	122	122	54	298	1.5	716	0.43
Medium	572	98	85	51	234	1.6	436	0.54
Low	400	65	52	32	149	1.8	222	0.69

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

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 91 tractors, 19 were one-plow, 62 two-plow, and 10 three-plow. Farms 81, 186, 192, 193, 211, 221, 266, 267, 298, 316, 327, 331, 358, 360, and 369 had more than one tractor but the cost records were not separated by machines. Farms 188, 315, 325, and 367 each had two tractors but had separate accounts for each tractor.

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			
316	S	712	317	303	165	785	17,930	10	4.4
266	L	1,100	318	214	137	669	10,000	7	6.7
186	L	500	350	187	127	664	11,224	9	5.9
341	S	675	207	247	134	588	15,026	11	3.9
174	L	394	219	129	174	522	6,410	7	8.1
103	L	225	87	247	185	519	15,469	10	3.4
266	L	550	173	217	126	516	10,100	7	5.1
266	S	588	262	102	130	494	9,680	14	5.1
193	L	750	171	126	186	483	4,598	6	10.5
196	L	750	123	169	174	466	6,515	7	7.2
193	S	180	193	101	150	444	4,272	7	10.4
211	L	212	162	159	120	441	*	*	*
221	L	400	87	145	200	432	5,000	5	8.6
170	L,L	378	126	120	182	428	5,550	10	7.7
358	L	208	63	101	252	416	6,273	9	6.6
149	L	450	139	129	136	404	7,785	8	5.2
362	L	175	208	64	127	399	7,000	10	5.7
315	L	450	156	85	120	361	5,070	9	7.1
343	S	238	184	94	76	354	8,102	15	4.4
345	S	450	160	82	107	349	7,416	16	4.7
163	S	400	157	82	103	342	7,658	13	4.5
281	S	602	103	89	139	331	7,250	11	4.6
81	L	797	123	55	146	324	2,421	7	13.4
340	S	325	91	83	142	316	6,767	14	4.7
366	L	450	168	39	103	310	1,500	6	20.7
278	S	450	102	123	85	310	6,277	8	4.9
188	L	400	118	78	113	309	3,180	7	9.7
160	S	478	96	83	125	304	6,234	12	4.9
324	L	575	72	97	121	290	5,455	9	5.3
284	S	325	158	57	55	270	4,064	10	6.6
368	S	200	45	160	63	268	12,500	15	2.1
344	L	225	70	102	79	251	7,082	10	3.5
165	S	607	117	39	91	247	2,983	12	8.3
348	S	395	15	147	81	243	13,389	16	1.8
285	S	225	83	105	55	243	7,746	12	3.1
164	S	350	112	70	53	235	6,683	16	3.4
360	L	337	79	78	73	230	2,056	4	11.2
145	S	45	75	63	68	206	2,769	7	7.4
139	L	138	50	93	56	199	2,119	4	9.4
325	S	125	63	32	101	196	2,242	11	8.7
335	L	175	70	46	75	191	2,093	5	9.1
287	L	375	58	40	88	186	2,400	11	7.8
155	L	425	55	43	88	186	2,708	10	6.9
169	S	48	22	33	128	183	2,580	12	7.1
365	L	75	72	37	72	181	2,296	10	7.9

Farm number	Size of truck	Average value	Annual cost per truck				Miles of use per truck	Miles per gallon of gas	Average cost per mile of use
			depre- ciation and cash repairs	fuel and oil	all other	total cost			
		dollars	dollars	dollars	dollars	dollars	miles	miles	cents
331	L	138	50	47	84	181	2,597	10	7.0
291	L	88	73	48	58	179	3,090	11	5.8
339	S	60	49	43	85	177	1,960	6	9.0
363	L,L	338	80	22	68	170	*	*	*
360	S	205	26	65	71	162	6,451	15	2.5
338	S	95	27	46	76	149	3,050	11	4.9
188	S	138	77	26	42	145	*	*	*
24	S	450	6	22	113	141	2,300	18	6.1
318	L	325	50	27	64	141	1,006	6	14.0
306	L	100	31	53	56	140	2,652	8	5.3
367	L	350	64	22	52	138	1,543	12	8.9
327	L,L	206	48	39	43	130	2,396	10	5.4
171	L	70	28	57	45	130	4,000	9	3.2
163	S	150	53	37	37	127	1,951	8	6.5
135	S	250	1	42	71	114	3,750	15	3.0
267	S	150	38	34	37	109	3,966	17	2.7
359	L,L,S	82	35	34	34	103	*	*	*
103	S	32	15	30	57	102	1,277	8	8.0
192	L,L,L,S	116	30	26	41	97	*	*	*
330	L,S	125	37	19	40	96	*	*	*
169	L	432	17	15	51	83	730	7	11.4
366	L	88	25	24	21	70	500	3	14.0
298	L,S	132	27	10	32	69	*	*	*
166	L	42	20	32	11	63	875	4	7.2
288	S	85	1	14	34	49	1,570	20	3.1
345	L	75	18	12	13	43	500	10	8.6

Averages for 1940, by thirds according to cost per truck, weighted by farms:

High	483	174	139	147	460	8,153	10	6.4
Medium	280	78	71	83	232	4,425	10	7.1
Low	175	33	31	48	112	2,266	11	6.8

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

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 15 trucks.

** The letters in the second column indicate the size of the truck. S = 1 ton or smaller. L = $1\frac{1}{2}$ ton or larger.

7 farms had 1 account for 2 or more trucks. 9 farms had 2 trucks with a separate account for each truck. The 29 small trucks with known mileage were driven an average of 6139 miles at a cost of \$270 or 4.4 cents per mile. The 37 large trucks were driven 4382 miles at a cost of \$292, or 6.7 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	71.8	153	1,998	1.9	1.2	75	13	2.92	2.81
188	69.6	93	2,597	3.5	3.5	86	8	1.64	1.82
325	49.0	102	1,613	2.0	6.0	81	16	2.23	2.06
344	36.3	115	2,700	3.2	5.1	96	2	1.32	1.68
196	34.8	144	3,348	2.2	3.4	120	18	2.49	2.14
341	32.7	109	2,928	2.9	2.7	91	20	1.91	2.09
330	32.1	109	3,189	1.0	8.0	111	18	1.71	2.10
287	31.5	133	2,365	2.5	1.9	85	1	1.71	1.81
362	31.0	90	1,706	1.7	3.9	88	8	2.06	2.24
278	30.3	161	4,509	2.6	4.2	114	(4)*	1.35	1.88
367	29.8	84	1,972	3.1	3.0	74	9	1.72	1.72
364	29.6	90	1,855	3.4	1.2	81	20	2.77	2.26
355	27.5	106	2,379	2.3	4.4	102	(5)*	1.70	1.85
359	27.0	112	3,540	2.1	5.2	141	1	2.27	2.19
130	26.1	103	2,157	2.8	6.2	90	12	1.65	2.12
316	25.3	99	3,398	1.0	6.0	122	3	2.55	2.83
343	24.5	98	2,103	1.8	3.1	64	0	1.61	2.02
318	24.4	96	2,086	1.3	7.5	93	11	2.10	2.05
335	24.1	163	2,809	3.9	3.7	108	0	2.12	1.91
281	23.9	121	3,860	1.8	6.7	116	15	1.61	1.89
331	23.7	140	3,785	3.0	4.9	113	30	1.76	1.88
348	22.3	102	2,831	3.0	3.0	103	(4)*	1.53	2.04
365	22.0	144	2,491	2.2	5.5	87	36	2.19	2.04
299	21.8	132	3,158	2.2	1.2	102	(5)*	1.74	1.84
361	21.5	110	2,500	2.1	5.4	96	(1)*	1.59	1.84
139	20.6	182	5,276	3.0	4.6	152	(4)*	1.92	2.24
369	20.6	85	2,514	2.8	1.8	104	10	2.38	2.04
266	20.5	120	2,440	1.6	9.7	99	17	2.37	2.23
155	19.9	86	2,914	1.4	6.6	96	(17)*	1.90	2.76
357	19.9	94	1,787	2.2	5.0	86	(11)*	1.82	2.04
150	19.3	71	1,610	1.6	3.6	71	(3)*	1.95	2.44
163	19.2	112	4,200	2.2	5.4	120	10	1.73	1.92
351	19.2	79	2,002	2.1	4.1	81	12	1.64	1.79
165	18.7	82	2,324	2.4	3.9	94	7	1.76	1.95
306	17.8	110	3,633	2.5	4.2	116	(8)*	1.55	1.86
145	17.5	101	1,050	1.9	3.4	77	3	2.31	2.96
319	17.5	132	1,179	2.3	3.7	78	9	2.69	2.07
169	17.2	107	2,006	1.4	7.5	90	24	2.77	2.74
149	16.6	88	1,892	1.1	6.9	78	5	1.70	2.07
166	16.0	67	1,986	2.3	3.9	91	16	1.63	1.86
24	15.3	162	3,824	3.4	3.7	123	43	3.42	2.56
288	15.2	106	2,035	1.6	6.1	93	(10)*	1.94	2.22
324	15.0	104	2,557	1.2	4.7	83	31	2.02	1.87
164	13.6	83	2,074	2.8	4.4	110	13	2.27	1.89
309	13.3	98	2,811	2.1	3.8	110	21	1.90	1.79
284	12.5	102	3,200	2.2	6.4	116	21	2.23	1.81
295	11.4	68	840	2.4	4.6	88	0	2.42	2.02
200	11.3	119	2,017	1.0	0.0	60	27	2.37	2.12
368	11.1	97	2,135	3.4	5.5	102	14	2.26	2.03
160	10.8	108	2,275	2.2	3.8	86	6	1.87	1.98
202	10.7	117	2,516	1.8	1.7	74	26	2.84	2.50
338	10.6	99	2,454	2.4	4.2	104	23	2.44	1.84

(*)* indicates appreciation per cow.

Milk per cow cwt.	Milk test %	Average per cow			Labor returns		Labor per cow hours	Profit on enter- prise dollars	Farm number
		cost	returns	profit	per cow	per hour			
		\$	\$	\$	\$	1			
56	5.1	181	175	-6	29	0.33	90	-422	358
84	3.6	152	168	16	51	0.34	150	1,055	188
76	3.6	181	168	-13	31	0.22	140	-617	325
102	3.4	163	199	36	71	0.61	115	1,303	344
112	3.3	298	259	-39	58	0.24	243	-1,356	196
73	4.1	155	168	13	41	0.40	103	434	341
98	3.6	182	220	38	69	0.70	99	1,221	330
63	3.4	124	131	7	23	0.46	51	210	287
77	3.6	170	184	14	56	0.41	138	434	362
106	3.8	204	260	56	115	0.42	276	1,701	278
70	3.4	134	135	1	24	0.33	74	9	367
62	4.1	179	148	-31	19	0.10	183	-917	364
89	3.4	169	183	14	45	0.46	97	382	355
102	3.6	244	236	-8	56	0.32	179	-216	359
97	3.5	181	227	46	74	0.76	98	1,178	130
74	5.0	206	226	20	65	0.51	128	518	316
80	3.3	141	174	33	72	0.44	164	820	343
78	3.4	177	173	-4	32	0.34	96	-96	318
92	3.4	216	197	-19	30	0.16	190	-467	335
111	3.4	209	241	32	66	0.44	150	760	281
110	3.7	234	247	13	60	0.33	180	302	331
85	3.6	147	191	44	70	0.77	90	978	348
68	4.0	189	179	-10	16	0.13	122	-221	365
97	3.6	187	200	13	54	0.34	161	282	299
94	3.4	166	189	23	51	0.50	101	505	361
110	3.5	243	279	36	73	0.51	143	735	139
86	3.7	216	187	-29	18	0.07	255	-598	369
77	4.0	196	186	-10	24	0.24	102	-213	266
72	5.5	165	227	62	97	0.68	142	1,236	155
66	3.4	150	164	14	39	0.39	100	283	357
70	5.0	148	183	35	75	0.72	104	668	150
115	3.6	213	235	22	60	0.50	121	416	163
78	3.5	141	152	11	30	0.39	77	215	351
95	3.6	185	202	17	55	0.46	120	321	165
105	3.5	187	219	32	66	0.66	99	583	306
58	5.0	152	189	37	73	0.89	82	654	145
58	4.4	171	135	-36	2	0.02	108	-625	319
64	5.3	192	190	-2	48	0.40	120	-30	169
83	3.9	154	186	32	67	0.44	153	522	149
96	3.5	186	209	23	69	0.60	114	356	166
76	4.8	279	214	-65	-21	-0.12	178	-995	24
75	4.5	177	198	21	73	0.31	232	313	288
91	3.4	199	185	-14	22	0.19	115	-203	324
89	3.7	212	178	-34	23	0.13	175	-459	164
99	3.3	200	189	-11	16	0.15	108	-144	309
107	3.5	250	205	-45	28	0.14	205	-563	284
57	4.0	150	127	-23	6	0.05	109	-260	295
67	3.9	170	153	-17	21	0.18	115	-197	200
87	3.9	213	192	-21	22	0.14	154	-225	368
93	3.7	188	199	11	66	0.42	157	120	160
66	4.8	203	180	-23	33	0.18	178	-245	202
82	3.3	213	164	-49	-3	-0.02	128	-520	338

Summary for DAIRY COWS, 1938, 1939, and 1940

	1938	1939	1940			
			all farms	large	medium	small
Number of farms	46	48	52	17	17	18
Size of herd, cows	20.9	22.8	23.5	35.8	21.3	14.1
Value per cow	\$111	\$110	\$112	\$112	\$113	\$104
Feed per cow:						
grain, pounds	2655	2624	2578	2609	2858	2249
hay, tons	2.3	2.3	2.3	2.4	2.3	2.1
silage, tons	4.3	4.4	4.3	4.1	4.9	4.4
Cost feed and bedding per cow	\$92	\$95	\$96	\$95	\$101	\$93
Cost producing 100 pounds milk	\$ 1.86	\$ 1.96	\$ 1.98	\$ 1.98	\$ 1.89	\$ 2.26
Value of 100 pounds milk	\$ 1.82	\$ 1.89	\$ 2.07	\$ 2.10	\$ 2.05	\$ 2.12
Milk per cow, cwt.	86	83	84	84	88	81
Butterfat per cow, pounds	307	307	315	307	330	317
Milk test, per cent	3.6	3.7	3.8	3.8	3.8	4.0
Cost to keep a cow	\$177	\$180	\$183	\$180	\$187	\$194
Returns per cow	\$174	\$174	\$190	\$192	\$202	\$184
Profit per cow	\$ -3	\$ -6	\$ 7	\$ 12	\$ 15	\$ -10
Labor returns per cow	\$ 38	\$ 35	\$ 47	\$ 53	\$ 50	\$ 34
Return per hour of labor	\$ 0.27	\$ 0.25	\$ 0.35	\$ 0.41	\$ 0.41	\$ 0.26
Hours of labor per cow	140	138	135	137	133	141
Profit on enterprise	\$ -67	\$ -12	\$ 172	\$ 338	\$ 300	\$ -107

Summary for DAIRY HEIFERS, 1938, 1939, and 1940

	1938	1939	1940			
			all farms	large	medium	small
Number of farms	42	45	51	17	17	17
Number of heifers	23	23	23	39	20	10
Heifer equivalent raised	6.4	6.6	6.7	11.0	6.1	3.0
Average age - end of year*, mos.	17	17	18	18	17	18
Average cost per heifer**	\$120	\$126	\$134	\$140	\$115	\$137
Average value per heifer	\$ 97	\$ 94	\$102	\$112	\$ 98	\$ 83

* Age at end of year, time of transfer, sale, or death

** Includes cost of calf started and an adjustment for death losses.

Farm number	Number of heifers**	Average age end of year***	Heifer equivalent raised****	Average per heifer	
	heifers	months	number	cost dollars	value dollars
358	84	20	26.3	157	75
188	60	22	11.0	141	76
196	52	21	15.1	210	131
365	51	21	17.0	146	154
331	45	17	13.8	174	120
287	36	20	7.6	145	127
278	35	16	9.6	160	130
344	35	15	9.9	171	106
139	34	17	9.2	135	127
325	32	12	7.1	132	95
318	31	17	10.7	60	100
335	31	18	9.1	124	150
316	30	14	7.6	162	165
359	30	18	10.7	148	89
361	29	18	7.2	132	89
362	26	17	8.2	104	108
364	26	17	7.1	76	67
357	25	18	7.9	112	97
281	24	19	7.2	144	120
288	23	15	7.1	112	100
169	22	17	6.1	104	82
24	21	15	5.8	162	130
163	21	18	6.5	94	94
299	21	15	5.4	124	98
324	21	17	6.4	114	94
330	21	20	6.2	131	104
150	20	18	7.4	105	60
306	19	15	5.6	138	117
367	19	10	5.7	132	75
145	18	15	5.0	165	103
160	18	16	4.4	100	90
343	18	24	6.1	81	86
155	17	14	6.3	69	—*
319	17	16	3.9	76	123
165	16	16	4.4	114	71
355	16	18	5.7	98	80
369	16	14	5.5	126	—*
130	15	17	4.3	221	75
295	15	26	3.9	85	80
351	15	17	5.1	85	75
348	13	17	3.7	95	100
309	12	20	3.8	156	80
368	9	13	2.2	209	100
166	8	21	1.7	125	48
341	8	23	2.1	120	75
149	7	21	1.0	176	74
200	7	19	1.9	100	125
202	7	23	2.6	94	100
338	5	22	1.2	139	88
284	4	16	0.6	221	75
164	2	10	0.6	163	75

* 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.

Factors from 43 HEN accounts, 1940
(Arranged by number of birds)

AE 390

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
193	2,794	104	39	29	1.28	0.63	2.77	2.22
310	2,696	166	64	35	1.76	0.57	3.65	3.86
291	1,865	192	55	48	1.90	0.80	3.84	3.87
368	1,773	142	39	52	2.01	0.81	3.63	3.45
345	1,710	200	68	35	1.99	0.25	3.27	4.57
196	1,333	160	62	29	1.72	0.59	4.09	3.58
160	1,292	172	54	43	2.08	0.77	4.11	3.72
211	1,253	164	52	36	1.58	0.35	2.64	3.29
186	1,251	168	57	46	1.62	0.79	3.58	3.58
221	1,157	126	28	38	1.35	0.34	2.35	2.73
331	1,129	139	68	39	2.00	0.23	3.47	2.80
103	1,091	183	46	39	1.57	1.13	3.85	3.37
287	1,072	102	60	23	1.54	1.04	3.36	2.20
146	916	141	53	42	1.58	0.56	2.91	2.91
365	867	121	50	48	1.78	0.90	3.43	2.52
354	842	182	72	35	2.14	0.26	3.50	3.43
324	762	177	53	44	1.69	0.52	2.89	3.55
338	744	195	46	42	1.60	0.91	3.32	4.04
171	684	116	68	25	1.45	0.33	2.42	2.39
361	613	179	44	49	1.59	1.08	3.81	3.91
266	576	205	51	53	2.00	1.16	4.13	4.50
145	569	136	45	49	2.00	0.40	3.59	3.16
149	521	165	45	60	1.56	0.55	2.89	3.65
165	492	156	50	31	1.68	0.85	3.88	3.35
330	427	168	71	35	1.68	0.38	2.61	3.57
174	424	150	65	48	2.35	0.97	4.70	3.70
288	316	167	76	48	1.89	0.53	3.52	3.28
139	297	109	66	27	1.76	1.57	4.98	2.46
166	280	147	53	35	1.78	0.54	3.72	3.05
362	267	161	29	85	2.49	0.39	4.97	4.04
130	265	154	47	49	1.85	0.48	4.33	2.92
309	265	172	52	41	1.78	0.49	3.19	3.20
150	260	149	80	43	2.02	0.62	4.37	2.75
357	253	150	61	60	2.19	0.57	3.63	2.90
299	249	187	42	64	2.01	0.92	4.07	3.72
355	219	155	40	44	1.64	0.92	3.68	3.04
281	206	182	62	54	2.31	0.65	3.84	3.70
369	177	119	33	47	1.59	0.18	3.19	2.32
336	166	134	37	53	1.72	0.96	3.48	2.56
278	157	107	38	17	1.02	0.56	2.21	1.47
343	112	95	34	60	1.73	0.46	2.90	2.02
155	109	123	76	23	1.47	0.33	2.77	2.37
284	102	142	63	32	1.76	0.23	2.87	2.93
Averages for 1940, by thirds according to number of birds, weighted by farms:								
High	1,537	154	53	38	1.71	0.63	3.39	3.30
Medium	581	159	57	42	1.80	0.74	3.55	3.39
Low	206	145	50	47	1.82	0.55	3.55	2.87
Annual averages, all farms, weighted by number of birds:								
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

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	per cent	dollars	
31	24	- 24	107	-0.23	38	-1,645	193
26	28	89	192	0.46	25	574	310
25	25	64	180	0.36	29	51	291
31	30	29	170	0.17	27	-311	368
19	27	187	174	1.08	22	2,228	345
30	26	40	230	0.17	23	-683	196
29	26	42	232	0.18	31	-504	160
19	24	98	133	0.74	20	811	211
25	25	59	165	0.36	35	- 2	186
22	26	70	137	0.51	22	437	221
29	23	13	300	0.04	30	-752	331
26	23	8	146	0.06	75	-520	103
39	25	- 71	136	-0.52	95	-1,244	287
24	24	47	98	0.48	34	- 1	146
34	24	- 54	178	-0.30	55	-790	365
23	22	54	198	0.27	10	-62	354
19	24	111	146	0.76	25	504	324
20	24	114	114	1.00	21	539	338
24	24	35	117	0.30	25	-20	171
25	26	66	206	0.32	32	60	361
23	25	90	156	0.57	54	209	266
31	27	22	150	0.15	22	-247	145
20	26	107	136	0.78	35	393	149
28	24	6	189	0.03	46	-262	165
18	25	113	54	2.07	22	409	330
36	28	- 41	185	-0.22	48	-427	174
25	23	51	333	0.15	23	-76	288
60	28	-153	376	-0.41	32	-748	139
30	24	30	237	0.13	26	-187	166
36	29	25	386	0.07	9	-248	362
33	22	- 13	430	-0.03	46	-374	130
22	22	45	180	0.25	24	3	309
35	22	- 43	309	-0.16	34	-421	150
29	23	- 27	186	-0.14	25	-186	357
26	23	45	290	0.15	30	-88	299
28	23	- 7	180	-0.04	29	-140	355
25	24	45	256	0.18	24	-28	281
32	23	- 35	286	-0.12	22	-155	369
31	23	- 31	231	-0.14	33	-153	335
24	15	- 36	179	-0.20	60	-117	278
35	24	- 38	213	-0.18	18	-99	343
26	22	28	279	0.10	15	-44	155
23	23	45	111	0.41	12	6	284
Averages for 1940, by thirds according to number of birds, weighted by farms:							
27	25	46	171	0.28	36	-111	High
28	25	37	181	0.39	32	-37	Medium
29	23	2	250	0.02	27	-149	Low
Annual averages, all farms, weighted by number of birds:							
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

	All chick accounts			1940		
	1938	1939	1940	Straight run	Sexed	Mixed*
Number of accounts	37	40	41	22	11	8
Number of chicks started	1992	1824	1682	2122	778	1714
Per cent day-old straight-run chicks	96.7	92.2	77.6	100	-	49.8
Per cent day-old sexed chicks	1.8	6.8	18.1	-	100	28.6
Per cent started chicks	1.5	1.0	4.3	-	-	21.6
Raised or sold - per cent	42	40	46	37	69	63
Broilers - per cent	42	42	31	39	8	17
Died - per cent	16	18	23	24	23	20
Value per chick started - cents	13	13	16	12	23	25
Feed per 100 chicks started - pounds	1375	1503	1537	1228	2352	2082
Labor per 100 chicks started - hours	26	28	29	25	48	27
Cost per bird raised - dollars	0.86	1.06	1.14	1.09	1.32	1.12
Value per bird raised - dollars	1.03	1.04	1.09	1.06	1.10	1.13
Returns per hour of labor - dollars	0.59	0.29	0.23	0.28	0.00	0.32
Profit on enterprise - dollars	140	- 18	- 44	- 26	-115	5

* includes accounts with combinations of straight-run or sexed chicks, or started pullets.

The number of day-old sexed chicks started increased from 1.8% of the total in 1938 to 18.1% in 1940. A few more started pullets were also raised in 1940 than in previous years.

The value of straight-run chicks started averaged 12 cents each, while the day-old sexed pullets were valued at 23 cents each. Mortality was considerably higher than in 1938 or 1939.

The average cost of raising a bird increased 28 cents -- from 86 cents in 1938 to \$1.14 in 1940, while the average value per bird raised increased from \$1.03 to \$1.09. Returns per hour of labor were lower than in either of the two preceding years.

Costs were considerably higher and labor returns lower for the day-old sexed chick accounts than for the day-old straight-run chick accounts. On the average the 11 men who started sexed chicks started smaller flocks in 1940 than the 22 men who raised straight-run chicks. This may have been a contributing factor to the higher cost per bird raised in the sexed chick flocks.

Farm number	Number started	Per cent of Chicks			Average per		Value per chick started	Average		Return per hour of labor	Profit on enter- prise
		Raised sold	Broilers	Died	feed pounds	labor hours		per mature equivalent cost value	per mature equivalent value		
	number	%	%	%			\$	\$	\$	dollars	dollars
<u>Day-old straight-run chicks:</u>											
193	10,719	35	39	26	760	15	11.	1.30	0.96	-0.36	-1,107
310	5,060	47	39	14	1,622	27	22.	1.26	1.06	0.02	-469
287	4,441	24	27	49	942	10	10	1.15	1.00	-0.04	-154
186	3,505	30	33	37	922	12	9	0.86	1.00	0.72	149
345	3,400	41	47	12	1,755	32	14	1.18	1.00	0.09	-258
365	3,166	37	26	37	1,017	22	10	0.74	1.00	0.65	305
196	2,843	42	52	6	960	29	12	1.15	1.24	0.54	118
331	2,544	40	47	13	1,522	39	11	0.48	0.90	0.69	430
160	2,494	39	42	19	1,660	49	10	1.36	1.38	0.37	22
354	1,750	47	50	3	1,888	47	8	1.04	1.25	0.52	173
330	1,400	44	46	10	1,605	21	11	0.50	1.17	1.74	411
171	1,100	37	52	11	1,061	43	15	1.06	1.00	0.28	-24
150	800	33	28	39	1,875	43	11	1.54	1.18	0.10	-96
357	728	46	42	12	3,063	30	8	1.17	1.25	0.37	27
355	508	41	44	15	1,358	30	12	1.01	1.00	0.30	-3
135	426	24	0	76	94	22	8	1.05	1.00	0.51	-5
299	413	52	46	2	1,501	100	7	1.26	1.00	0.14	-55
362	407	39	32	29	1,720	57	11	1.70	1.25	0.00	-72
309	314	48	46	6	1,019	14	10	0.67	1.00	1.42	50
284	250	32	20	48	1,240	23	14	1.22	0.75	-0.29	-38
306	219	46	47	7	913	47	12	0.81	1.00	0.52	19
343	200	35	38	27	1,000	17	9	0.81	1.00	0.62	13
<u>Day-old sexed pullet chicks:</u>											
103	1,500	57	18	25	2,488	42	19	1.48	1.10	-0.12	-327
361	1,250	85	2	13	2,016	33	28	0.96	1.20	0.91	262
149	1,055	52	10	38	2,423	60	28	1.95	1.00	-0.59	-521
266	1,040	80	0	20	2,788	59	24	1.27	1.25	0.31	-19
174	950	69	11	20	3,038	48	22	1.51	1.00	-0.42	-339
338	936	74	2	24	2,278	33	23	1.23	1.19	0.27	-27
324	850	64	7	39	1,621	31	21	1.19	1.00	-0.09	-105
130	324	79	4	17	2,593	117	23	1.47	1.00	-0.02	-121
288	256	69	5	26	1,719	41	18	0.93	1.00	0.35	13
335	225	78	9	13	2,409	72	24	1.30	1.00	-0.07	-53
155	175	61	29	10	1,214	103	14	1.00	0.75	0.09	-27
<u>Miscellaneous chicks:</u>											
291	6,442	50	24	26	2,179	23	14	0.99	1.01	0.39	63
368	1,472	76	5	19	2,241	31	35	1.60	1.76	0.67	180
211	1,267	64	18	18	2,131	28	17	0.95	0.90	0.15	-37
139	1,121	43	35	22	1,152	38	21	1.19	1.55	0.67	174
146	1,000	90	0	10	2,206	23	38	1.02	1.00	0.41	-15
221	1,000	80	3	17	2,650	58	30	1.31	1.00	-0.19	-250
165	885	91	1	8	1,480	9	65	1.11	1.00	-0.77	-91
145	523	97	0	3	2,008	13	42	0.97	1.00	0.07	15

Farm number	Eggs set number	Value per egg cents	Per cent hatch %	Average per 100 salable chicks hatched				Return per hour of labor dollars	Profit on enter- prise dollars
				net cost \$	value dollars	labor returns dollars	labor hours		
368	88,717	3.2	60	7.15	12.03	5.21	1.2	4.32	2,598
310	47,127	5.0	66	10.69	13.57	3.57	1.9	1.88	894
291	30,968	2.9	73	6.79	11.64	5.37	1.5	3.54	1,094
160	8,590	3.8	59	11.38	10.42	0.71	5.0	0.15	- 48
139	8,569	2.5	64	7.18	12.90	6.92	4.5	1.54	316
365	7,994	3.7	44	9.79	10.84	1.77	3.4	0.52	41
287	6,569	3.1	60	8.96	10.00	2.06	3.1	0.66	41
211	5,769	2.9	38	10.57	10.07	-0.05	1.8	-0.02	- 11
196	5,621	4.0	61	9.73	12.49	3.57	2.0	1.76	95
Annual averages, all farms:									
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 10 SHEEP accounts, 1940
(Arranged by number of sheep)

Farm number	Average number sheep	Lamb crop %	Average per sheep					Return per hour of labor dollars	Profit on enter- prise dollars
			grain pounds	hay pounds	silage pounds	cost dollars	wool lbs.	hours	
360	174	105	95	269	410	1.01	8.8	2.4	602
368	130	126	366	680	520	0.59	10.5	7.2	- 90
315	93	82	233	667	0	0.68	5.3	4.2	57
164	68	121	194	853	0	2.97	6.4	6.8	- 67
266	60	*	112	340	100	0.50	---	5.0	404
327	58	75	59	379	0	1.81	0.0	4.8	- 11
171	42	39	12	390	146	0.51	5.4	1.8	- 73
170	21	116	95	476	0	1.95	8.8	4.0	18
319	21	*	0	476	0	0.76	---	3.2	66
135	19	33	0	1,137	32	0.95	7.4	2.8	- 90
Annual averages, all farms:									
1940	69	98	163	516	222	1.09	7.8	4.5	83
1939	75	84	171	446	201	1.41	8.5	5.8	-158
1938	60	99	163	605	86	0.99	6.6	6.0	-194
1937	81	-	82	432	128	0.92	6.7	4.1	-212
1936	72	-	136	462	162	1.50	6.1	4.0	94

* On these farms the ewes were purchased this year and lambing data was not available.

Farm number	Lambs purchased	Average number of days fed	Mortality %	Average per lamb purchased cost	Average per lamb purchased weight	Average per lamb sold value	Average per lamb sold weight	Return per hour of labor	Profit on enterprise
	number	days	%	\$	lbs.	\$	lbs.	dollars	dollars
186	1,016	142	5.5	4.77	54	9.34	87	1.37	1,273
221	1,014	137	3.5	5.06	56	8.64	83	0.85	519
170	767	171	2.2	5.29	60	9.14	88	0.45	271
360	698	114	1.9	5.08	60	8.86	83	1.00	519
211	606	153	2.8	5.18	58	9.59	90	0.00	-282
81	331	152	2.7	5.23	59	9.26	86	0.23	-109
266	174	147	0.6	4.66	52	10.78	100	0.60	149
Annual averages, all farms:									
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 30 SWINE accounts, 1940
(Arranged by number of pigs)

Farm number	Sold or slaughtered	Returns per pound slaughtered	End inventory	Return per hour of labor	Profit on enterprise
	number pounds	dollars	number	dollars	dollars
327	98	-----	40	0.05	-161
171	36	-----	16	1.35	70
81	31	5,108	5	-0.45	-366
316	15	-----	0	-0.11	-68
266	14	2,313	14	-0.14	-89
149	11	1,328	9	0.17	-12
351	11	1,781	6	-0.21	-52
330	10	1,586	7	-0.10	-32
163	8	1,443	13	0.65	32
335	7	-----	2	-0.12	-44
361	6	1,101	0	0.27	0
341	4	1,031	0	-0.21	-43
362	4	775	0	0.00	-32
24	3	683	0	-0.15	-31
135	3	825	1	-0.37	-43
155	3	725	3	-0.15	-47
267	3	600	0	0.65	14
364	3	400	0	-0.11	-186
368	3	700	0	-0.47	-46
281	2	398	0	0.16	-1
295	2	270	1	0.26	0
315	2	500	0	0.28	-2
318	2	---	0	0.38	-31
331	2	480	0	-0.09	-11
355	2	---	3	-0.24	-56
360	2	600	2	-0.15	-69
363	2	450	0	-0.15	-15
319	1	225	0	0.20	-4
348	1	263	0	0.39	3
146	0	---	4	0.27	-13
Averages for 1940, according to thirds by number of pigs, weighted by farms:					
High	24	2,260	11	0.10	-72
Medium	3	724	0	-0.04	-42
Low	2	398	1	0.12	-20
Annual averages, all farms, weighted by number of pigs:					
1940	10	786	4	-0.02	-44
1939	6	1,128	5	0.00	-40

(Arranged by acres of potatoes)										
Farm number	Potatoes grown acres	Yield per acre bu.	Cost per acre			Average		Labor per acre hours	Return per hour of labor dollars	Profit on enter- prise dollars
			ferti- lizer \$	spray		per bushel cost \$	value \$			
				dust \$	growing \$					
193	138.1	255	26	6	87	0.49	0.52	82	0.37	1,024
267	71.9	274	9	6	64	0.38	0.39	109	0.39	255
221	58.3	120	6	7	39	0.48	0.30	70	-0.08	-1,260
186	33.8	290	18	4	97	0.52	0.42	141	0.12	-1,043
163	33.4	259	18	5	72	0.42	0.47	90	0.46	403
367	30.0	147	15	2	57	0.61	0.59	81	0.28	- 96
165	29.5	252	19	3	80	0.48	0.41	89	0.11	-501
166	28.4	243	20	4	78	0.42	0.35	49	0.07	-463
316	27.0	323	35	8	113	0.54	0.62	133	0.53	692
146	23.2	194	13	0	53	0.43	0.41	63	0.41	- 95
365	20.0	175	8	4	41	0.32	0.25	67	0.14	- 90
284	18.9	234	21	5	72	0.41	0.66	54	1.42	1,095
130	15.8	180	9	2	81	0.61	0.18	119	-0.37	-1,223
266	15.5	206	17	3	71	0.52	0.38	74	-0.06	-461
160	14.8	199	17	4	85	0.65	0.40	119	-0.07	-731
361	13.5	81	8	0	41	0.59	0.30	22	-0.80	-324
344	11.5	195	17	5	103	0.70	0.57	106	0.06	-300
155	10.0	202	10	3	45	0.34	0.30	59	0.09	- 94
324	10.0	290	15	2	78	0.42	0.49	107	0.49	193
357	9.0	128	10	5	61	0.71	0.40	135	-0.06	-358
164	8.3	158	0	3	51	0.43	0.28	54	-0.09	-196
149	5.0	200	9	2	67	0.45	0.16	107	-0.31	-289
364	3.0	50	6	0	54	1.29	0.44	73	-0.31	-127
145	2.0	180	18	0	88	0.69	0.65	76	0.34	- 14
150	2.0	140	14	0	56	0.56	0.41	62	0.05	- 41
309	2.0	7	0	2	38	6.36	0.50	48	-0.62	- 82
341	2.0	76	0	1	51	0.83	0.38	90	-0.11	- 69
330	1.9	121	4	0	55	0.65	0.62	92	0.27	- 7
169	1.0	82	9	0	45	0.99	0.50	74	-0.12	- 40

Averages for 1940, by thirds according to number of acres, weighted by farms:

High	47.4	236	18	4	74	0.48	0.45	91	0.27	-108
Medium	13.9	189	13	3	68	0.53	0.39	86	0.08	-229
Low	3.0	113	7	1	56	1.36	0.44	75	-0.10	- 96

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

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

Farm number	Cabbage grown acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter- prise dollars
			cost	returns	net cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	
211	31.0	5.5	41	28	7.53	5.04	59	1	0.02	-423
360	29.0	8.1	53	35	6.64	4.40	57	5	0.09	-522
315	22.0	7.4	63	39	8.57	5.24	97	7	0.07	-539
221	19.0	14.6	88	99	6.05	6.79	128	42	0.33	206
266	18.4	25.5	83	112	3.28	4.39	66	51	0.77	524
170	16.7	10.0	81	44	8.02	4.34	91	16	-0.17	-618
327	14.9	5.4	67	52	12.58	9.70	98	11	0.12	-230
357	13.5	13.9	86	82	6.14	5.91	110	24	0.22	-43
193	12.0	16.8	135	91	8.05	5.41	154	3	0.02	-531
335	11.5	12.2	89	50	7.24	4.07	201	14	0.07	-447
171	10.5	6.7	67	26	10.09	3.86	90	12	-0.13	-436
150	9.2	9.7	53	42	5.45	4.33	53	10	0.18	-100
149	8.9	6.4	75	46	11.66	7.19	112	3	-0.03	-256
155	8.7	11.4	54	52	4.71	4.56	77	17	0.22	-15
174	4.1	17.1	286	315	16.68	18.39	158	80	0.51	120
284	4.0	8.0	126	88	15.86	10.97	119	1	0.01	-156
186	3.5	6.9	64	11	9.38	1.67	51	34	-0.67	-185
324	3.0	7.1	65	57	9.07	8.04	82	18	0.22	-22

Averages for 1940, by thirds according to number of acres, weighted by farms:

High	22.7	11.8	68	59	6.68	5.03	83	15	0.18	-229
Medium	11.9	10.8	83	57	8.26	5.55	118	8	0.08	-298
Low	5.4	9.5	112	95	11.23	8.47	100	13	0.04	-86

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

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

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		per acre	per hour	
			\$	\$	\$	dollars		\$	\$	
266	36.0	*	18	*	*	*	6	-16	-2.72	-645
211	23.6	8	25	8	2.90	1.00	23	-10	-0.45	-381
202	23.0	8	38	21	4.30	2.33	39	- 4	-0.11	-377
360	23.0	3	25	11	7.51	3.37	24	- 4	-0.15	-310
149	16.0	13	36	23	2.71	1.66	41	- 4	-0.10	-219
324	15.0	4	25	7	6.54	1.81	22	-11	-0.51	-270
164	14.6	10	28	23	2.71	2.19	16	0	0.00	- 75
267	14.0	20	36	34	1.82	1.70	20	5	0.24	- 34
81	10.5	13	51	29	3.84	2.15	58	- 1	-0.02	-230
171	10.0	10	40	39	3.73	3.62	46	14	0.30	- 11
103	9.0	6	29	13	4.56	2.05	11	-12	-1.08	-143
368	9.0	8	28	28	3.46	3.55	20	6	0.31	6
135	7.5	14	42	21	3.07	1.46	19	- 9	-0.49	-153
Annual averages, all farms, weighted by acres of beans:										
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

* Crop failure. 1940 was a very poor year for dry beans. The yields were low and there was an early frost.

Farm number	Peas grown Acres	Yield of shelled peas Pounds	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter-prise dollars
			cost \$	returns \$	cost \$	value \$		per acre \$	per hour \$	
211	22.0	2,970	39	70	26.06	47.19	13	35	2.73	691
221	22.0	2,696	40	57	29.80	42.12	16	20	1.27	366
360	17.0	661	34	17	102.68	52.86	15	-10	-0.69	-279
186	10.1	4,158	63	97	30.29	46.71	31	45	1.45	345
361	10.0	3,509	31	89	17.20	50.51	17	63	3.75	583
315	9.0	2,343	39	65	33.24	55.43	21	33	1.57	233
171	8.1	*	12	*	*	*	5	-11	-2.00	-100
146	8.0	2,183	44	60	40.46	55.29	22	26	1.22	129
267	7.8	2,090	53	57	49.02	52.20	23	12	0.49	26
130	4.0	2,999	68	79	45.50	52.50	37	22	0.58	42
357	3.0	707	40	20	109.09	54.55	20	-15	-0.73	-60

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

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

* Crop failure

Factors from 9 CANNING-FACTORY TOMATO accounts, 1940
(Arranged by acres of tomatoes)

Farm number	Tomatoes grown acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	Labor returns		Profit on enter-prise dollars
			cost \$	returns \$	cost \$	value \$		per acre \$	per hour \$	
170	35.3	10.0	123	117	12.48	11.79	188	43	0.23	-241
327	15.0	5.0	76	61	14.08	11.32	87	9	0.10	-223
315	10.0	3.8	81	46	21.40	12.12	90	-7	-0.07	-351
135	9.0	1.9	53	20	28.34	10.71	34	-17	-0.50	-298
130	7.0	3.6	70	42	19.52	11.75	58	-12	-0.20	-195
171	6.5	6.0	82	56	13.30	9.12	76	-1	-0.01	-167
357	6.5	5.9	84	67	14.10	11.38	142	19	0.14	-105
360	5.0	0.0	56	4	---	---	26	-42	-1.59	-263
335	2.8	5.8	106	57	18.22	9.75	195	2	0.01	-138

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

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

Farm number	Orchard bearing age	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 per bu.	re- turns per bu.		
	acres	bu.	hrs.	min.	\$	\$	\$	\$	\$	\$
339	97.0	134	17	28	4	55	0.65	0.79	0.68	1,775
192	90.8	202	38	31	23	99	0.78	0.79	0.42	104
298	90.3	49	41	55	10	48	1.36	0.44	-0.18	-4,016
366	88.0	135	31	25	5	66	0.80	0.65	0.31	-1,769
170	75.3	124	31	26	10	44	0.52	0.41	0.07	-1,089
363	63.5	198	28	17	13	50	0.41	0.74	1.21	4,233
24	54.9	190	43	46	8	39	0.42	0.55	0.33	806
340	52.9	91	32	41	13	74	1.14	0.78	0.07	-1,696
185	52.7	118	36	15	14	55	0.59	0.50	0.17	-536
315	48.0	175	30	17	13	42	0.34	0.50	0.66	1,298
171	28.6	43	10	20	2	20	0.62	0.36	-0.14	-324
169	24.9	104	22	31	4	34	0.69	0.89	0.68	529
81	23.4	141	44	19	8	50	0.47	0.32	0.12	-471
325	22.0	156	62	32	9	60	0.66	0.91	0.58	859
200	20.7	73	23	44	15	47	0.83	0.43	0.22	-612
368	18.8	16	4	28	1	8	0.68	0.67	0.25	-4
345	17.1	84	38	41	11	43	0.83	0.96	0.44	193
150	17.0	35	10	32	6	18	0.82	0.58	0.07	-144
135	14.4	76	5	24	2	22	0.48	0.48	0.57	4
149	12.1	30	5	15	3	26	0.98	0.39	-1.20	-219
335	11.7	156	61	14	15	47	0.40	0.17	-0.10	-417
327	11.6	63	3	24	2	13	0.29	0.38	0.48	68
285	4.0	46	17	34	4	40	1.54	0.98	-0.18	-104
Averages for 1940, by thirds according to number of acres, weighted by farms:										
High	76.6	140	33	34	11	59	0.76	0.64	0.36	-206
Medium	29.9	103	29	26	8	40	0.61	0.57	0.32	-92
Low	12.6	70	20	26	6	30	0.76	0.56	0.01	-88
Annual averages, all farms, weighted by number of acres:										
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

(Arranged by acres of fruit)										
Farm number	Orchard bearing age	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	re- turns		
			hrs.	min.			\$	\$		
5 accounts with PEACHES										
200	9.0	139	19	22	0	20	0.29	0.40	0.55	136
315	8.5	269	87	23	6	54	0.35	0.68	0.72	646
170	7.0	154	78	37	9	54	0.58	0.82	0.45	262
363	7.0	110	39	24	7	53	0.71	0.79	0.52	63
171	6.9	12	28	37	0	12	1.24	0.45	-0.90	- 63
Annual averages, all farms, weighted by acres of peaches:										
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
12 accounts with PEARS										
170	10.9	116	16	21	7	38	0.45	0.74	0.84	370
327	10.8	14	1	49	1	9	0.99	0.58	-0.18	- 63
298	8.6	125	11	62	2	29	0.64	0.81	0.49	181
360	7.0	9	0	61	0	3	0.60	0.50	0.13	- 6
169	6.6	80	8	23	9	35	0.62	0.62	0.40	- 1
24	6.2	71	23	49	5	23	0.55	1.19	0.81	285
315	6.0	33	0	39	0	4	0.39	0.46	0.43	14
325	6.0	19	1	48	1	9	0.79	1.01	0.57	24
368	2.8	26	0	36	0	1	0.22	0.58	0.86	26
335	1.9	74	3	34	4	12	0.33	0.52	0.57	27
345	1.8	98	19	52	2	22	0.60	1.03	0.74	76
363	1.0	130	31	28	0	30	0.48	0.58	0.57	14
Annual averages, all farms, weighted by acres of pears:										
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
9 accounts with CHERRIES										
Average per acre						Net to grower				
	Yield per acre	labor to grow	cost of spray materials	cost to grow		cost per pound	returns per pound			
	pounds	hours	\$	\$		cents	cents			
363	17.5	4,197	12	3	36	2.0	3.0	0.80		801
335	6.9	4,408	67	8	54	2.5	3.1	0.47		196
315	6.0	4,412	31	5	34	2.1	3.5	0.61		367
169	5.2	2,209	11	1	36	2.8	3.4	0.58		62
298	5.0	2,308	35	9	48	5.6	7.3	0.50		197
170	4.8	6,192	24	7	48	1.6	3.1	0.73		445
327	3.1	1,800	3	0	9	1.6	3.0	0.47		78
171	1.6	1,709	3	3	17	2.2	3.0	0.56		29
315	0.5	19,548	42	26	56	1.7	5.5	1.16		364
Annual averages, all farms, weighted by acres of cherries:										
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	Yield	Average		Average		Labor	Labor		Profit on enter- prise
	per	per	per acre		per ton		per	per		
	farm	acre	cost	returns	cost	value	acre	acre		
	acres	tons	\$	\$	\$	\$	hours	\$	\$	\$
146	67.2	1.8	21	17	12	10	15	3	0.20	-280
266	65.5	4.0	30	28	8	7	15	4	0.25	-83
130	55.9	2.2	21	14	9	6	12	-4	-0.32	-399
164	48.0	1.7	20	16	11	9	8	-1	-0.14	-175
170	44.2	3.5	23	27	7	7	13	6	0.47	137
360	37.0	2.7	27	22	10	8	15	1	0.04	-205
369	35.0	2.0	22	20	11	10	12	1	0.06	-51
155	29.9	2.7	13	21	5	8	8	10	1.29	243
306	29.9	2.8	22	28	8	10	9	10	1.10	206
368	28.9	3.6	16	29	4	8	16	18	1.10	384
361	28.0	2.6	18	22	7	8	10	6	0.68	108
367	28.0	2.4	19	20	8	8	9	4	0.43	27
335	26.3	2.6	19	25	6	8	12	9	0.78	157
327	24.9	1.6	20	16	12	9	17	0	-0.02	-121
149	24.1	2.2	16	23	6	10	9	10	1.10	185
211	24.0	2.0	20	14	10	7	6	-5	-0.82	-153
365	23.5	2.7	15	19	5	7	19	8	0.44	101
221	22.3	2.0	23	14	12	7	15	-5	-0.34	-191
135	22.0	2.1	23	18	11	8	14	2	0.17	-125
24	20.9	3.1	26	28	9	9	23	8	0.33	41
150	20.7	3.0	21	21	7	7	12	4	0.35	-6
171	19.1	1.5	19	16	13	10	9	-1	-0.08	-74
196	18.2	2.0	28	37	14	18	13	14	1.12	165
330	18.2	2.7	27	27	10	10	19	6	0.31	-1
315	18.1	3.0	24	28	8	9	11	7	0.67	69
139	17.7	2.9	25	42	8	14	13	20	1.50	295
163	16.1	2.4	20	28	8	12	10	12	1.16	141
341	15.0	1.2	19	22	12	14	6	4	0.78	43
357	15.0	4.6	20	52	4	11	19	36	1.90	475
325	13.3	3.0	24	36	8	12	9	16	1.64	168
288	11.9	3.8	20	40	5	10	30	27	0.89	236
202	10.0	1.2	18	11	14	8	14	-3	-0.20	-70
348	9.4	2.7	19	25	7	9	12	9	0.79	56
355	8.0	2.5	18	26	7	10	9	11	1.24	65
319	7.8	2.2	24	23	11	10	18	6	0.31	-5
165	6.9	2.2	25	19	11	9	12	-2	-0.17	-40
344	6.0	1.8	37	14	20	8	8	-20	-2.35	-136
281	5.5	2.7	17	33	6	12	15	19	1.30	86
331	5.5	2.0	14	16	9	10	7	4	0.58	12
267	5.0	3.6	51	29	14	8	20	-15	-0.72	-109
299	4.0	2.8	38	41	14	15	19	8	0.43	11
324	3.0	2.3	21	19	9	8	8	0	0.00	-8
316	1.0	2.5	27	30	11	12	20	10	0.50	3
Averages for 1940, by thirds according to acres of alfalfa, weighted by farms:										
High	39.2	2.6	21	22	8	8	12	5	0.42	-4
Medium	20.0	2.3	22	24	9	10	13	6	0.48	35
Low	7.5	2.7	25	28	10	10	15	7	0.41	50
Annual averages, all farms, weighted by acres of alfalfa:										
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

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 enter- prise
				cost	returns	cost	value		per acre	per hour	
				\$	\$	\$	\$		\$	\$	\$
188	3	117.2	2.2	17	19	6	7	7	3	0.47	180
358	3	109.7	1.9	25	21	13	11	8	- 1	-0.10	-449
278	3	106.7	1.1	10	8	9	7	3	- 1	-0.46	-231
359	5	80.0	1.6	23	20	15	12	7	- 1	-0.18	-310
364	5	75.2	1.1	12	13	11	12	5	2	0.42	59
163	2	55.7	0.6	7	6	11	10	4	0	0.08	- 46
351	3	55.0	1.1	11	9	10	8	7	0	-0.06	-125
103	3	51.0	2.2	17	18	8	8	8	4	0.54	58
362	3	48.0	1.7	18	25	10	14	8	10	1.20	354
331	5	47.8	2.9	20	21	7	7	14	5	0.34	51
166	5	42.3	1.1	11	9	11	8	6	0	-0.08	-124
319	3	40.1	1.2	12	9	10	8	10	1	0.06	-115
295	3	39.3	0.8	10	7	12	8	3	- 2	-0.63	-113
139	5	39.1	1.2	13	12	10	10	6	1	0.19	- 18
196	2	38.2	2.2	34	22	15	10	17	- 5	-0.30	-447
324	3	36.2	1.8	15	14	8	7	11	2	0.15	- 63
365	3	35.6	1.9	12	13	6	7	8	3	0.35	40
344	2	35.0	3.5	29	23	8	6	14	- 2	-0.14	-213
186	3	34.0	2.6	29	17	11	7	13	- 8	-0.60	-416
287	5	33.8	3.1	26	31	8	10	4	6	1.47	160
341	3	32.0	1.3	19	13	15	10	11	- 4	-0.33	-213
309	3	31.5	1.5	15	11	9	7	7	- 2	-0.27	-107
165	3	31.3	1.3	17	11	13	8	7	- 4	-0.64	-203
200	5	29.9	1.3	23	10	17	7	12	- 9	-0.74	-388
335	3	29.9	1.6	14	15	8	8	6	2	0.36	19
150	3	28.3	1.1	10	8	8	6	4	- 1	-0.23	- 70
149	5	28.2	0.9	10	7	11	8	3	- 2	-0.71	- 82
81	3	28.1	2.3	31	19	14	8	15	- 7	-0.46	-354
160	2	27.5	2.1	14	16	7	8	11	6	0.53	54
299	3	27.2	1.6	24	19	15	12	6	- 3	-0.46	-118
155	2	27.1	1.2	10	8	8	7	8	0	0.00	- 54
281	3	26.6	2.0	25	22	12	11	11	0	0.04	- 59
343	2	26.5	1.1	16	9	15	8	6	- 6	-1.07	-192
367	5	26.0	2.4	18	20	7	8	9	5	0.56	57
361	5	24.0	0.8	10	4	12	4	4	- 5	-1.20	-159
345	3	23.0	1.7	24	24	14	14	16	5	0.31	- 9
24	3	22.7	2.5	24	19	10	8	14	- 2	-0.13	-125
348	5	21.8	1.9	18	19	9	10	7	4	0.56	41
316	3	20.8	1.9	32	21	17	11	15	- 6	-0.43	-235
285	3	20.2	0.9	21	9	23	9	6	-10	-1.67	-259
221	5	20.0	1.5	12	10	8	7	16	3	0.17	- 26
284	3	19.7	2.2	23	11	11	5	7	-10	-1.57	-248
355	2	19.7	1.7	19	18	10	9	7	1	0.15	- 23
165	2	19.6	1.6	15	10	9	6	6	- 3	-0.45	- 92
145	3	18.8	2.8	26	32	8	10	7	9	1.29	112

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Farm number	Kind of hay*	Hay per farm acres	Yield per acre tons	Average per acre		Average per ton		Labor per acre hours	per acre \$	per hour \$	Profit on enter- prise \$
				cost	returns	cost	value				
169	3	17.0	3.0	31	34	11	12	17	10	0.58	50
202	2	16.9	0.9	10	7	11	8	7	0	-0.07	- 42
344	3	16.0	2.1	42	15	20	7	13	-23	-1.78	-438
145	2	15.4	1.9	23	22	10	9	4	0	0.06	- 25
369	3	15.0	1.2	19	7	15	6	11	- 9	-0.81	-169
211	2	14.0	1.6	11	8	7	5	6	- 2	-0.28	- 42
355	3	13.6	1.8	18	20	9	10	5	3	0.55	15
163	3	12.7	1.4	17	16	12	11	6	0	0.08	- 17
357	5	12.0	1.7	9	13	5	8	8	6	0.81	54
343	3	10.0	1.2	16	10	13	8	4	- 5	-1.21	- 61
174	5	8.9	1.8	42	13	23	7	22	-22	-0.99	-256
202	1	8.9	0.9	15	8	15	8	10	- 4	-0.42	- 63
310	3	8.9	0.3	16	3	46	8	2	-12	-5.40	-115
160	3	8.0	2.4	20	18	8	7	12	3	0.23	- 11
288	2	8.0	1.6	10	14	4	7	11	7	0.61	33
330	3	8.0	1.2	17	11	12	8	9	- 2	-0.27	- 43
368	2	8.0	2.0	8	12	4	6	9	6	0.69	29
281	2	7.0	0.9	10	10	10	10	6	1	0.16	- 3
325	3	6.1	1.6	16	18	9	10	9	4	0.51	107
363	5	6.0	2.0	29	13	14	7	18	- 8	-0.48	- 93
338	2	5.5	2.5	38	25	15	10	10	-10	-0.95	- 75
164	3	5.0	1.3	19	10	14	8	6	- 6	-1.03	- 41
211	1	5.0	1.0	17	8	15	6	10	- 6	-0.61	- 44
327	3	5.0	0.8	8	6	10	7	7	- 1	-0.12	- 13
338	3	4.5	2.7	27	31	10	12	17	10	0.58	16
139	1	3.0	1.7	12	17	7	10	9	7	0.79	15

Averages for 1940, by thirds according to acres of hay, weighted by farms:

High	52.8	1.7	17	15	10	9	8	0	0.06	-100
Medium	23.7	1.7	19	15	11	8	9	- 1	-0.19	- 92
Low	8.9	1.6	19	14	13	8	9	- 3	-0.39	- 52

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

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	Yield per acre	Labor per ton	Labor per acre		Cost per acre		Cost per	Cost
	acres	tons	hours	to grow	to harvest	manure	total	ton to harvest	per ton
330	40.3	6	2.0	6	6	6	28	1.03	4.79
325	37.5	8	3.7	10	21	5	35	1.73	4.21
188	30.5	5	3.0	5	10	8	34	1.63	7.00
266	25.8	10	1.2	4	9	14	51	1.77	4.24
362	25.0	7	6.1	22	22	7	45	2.51	6.05
359	24.0	7	2.8	7	12	5	36	2.05	5.14
335	23.6	7	2.8	8	12	1	24	1.22	3.33
149	22.1	5	4.2	14	8	2	29	1.26	5.49
331	21.8	9	3.0	8	18	11	35	1.23	3.99
361	20.5	6	3.0	10	10	3	24	1.12	3.85
281	20.0	9	6.6	29	27	12	46	1.39	4.63
344	20.0	11	2.4	6	21	7	47	1.47	4.16
365	18.0	11	4.4	18	30	14	41	1.04	3.71
309	17.0	3	6.0	9	7	9	28	1.96	9.88
369	17.0	3	8.0	10	11	12	39	2.71	14.60
130	16.4	8	4.3	13	29	4	47	1.81	4.78
288	16.1	8	3.3	12	15	9	32	0.92	3.92
316	15.5	9	3.6	20	13	12	74	1.17	8.04
367	15.5	8	2.0	8	7	5	26	1.03	3.24
278	15.3	8	2.6	7	13	10	28	0.74	3.58
306	15.3	9	3.5	16	17	2	38	1.18	4.03
186	14.1	5	4.2	9	12	0	32	2.01	6.72
145	14.0	6	2.8	8	8	10	34	1.38	5.85
318	14.0	11	3.3	15	22	11	51	1.69	3.85
319	13.2	4	5.9	13	11	4	29	3.21	7.44
163	13.0	8	3.1	11	15	3	28	1.11	3.45
364	12.8	3	7.9	11	13	6	30	2.28	9.85
284	12.3	9	2.2	9	12	7	47	0.71	5.06
368	12.1	11	2.4	7	21	9	36	0.91	3.15
150	12.0	12	2.0	5	20	4	31	1.01	2.48
221	12.0	7	3.6	8	18	6	31	0.92	4.32
287	11.0	5	5.1	8	15	9	60	4.70	13.16
343	10.0	6	3.6	8	13	12	30	1.20	4.92
24	9.9	8	5.1	13	26	9	47	1.84	6.25
166	9.7	8	7.8	16	45	4	50	3.03	5.56
324	9.3	11	2.5	8	24	7	46	0.92	3.29
348	9.3	8	3.1	18	8	20	52	1.12	6.21
155	9.0	12	2.1	6	19	13	48	1.42	3.97
357	9.0	6	3.5	8	15	9	43	1.88	6.74
165	8.7	8	6.1	16	33	6	45	2.37	5.59
351	8.5	9	3.3	14	14	10	40	1.11	4.65
355	7.9	9	2.5	12	33	8	81	1.92	4.61
295	7.6	6	2.9	11	5	7	32	1.34	5.45
164	7.5	10	2.3	6	17	20	57	2.00	5.78
341	6.8	10	3.5	13	33	6	44	1.05	3.19
139	6.5	12	4.8	27	32	20	67	1.34	5.44
160	6.5	8	4.2	12	21	5	34	1.69	4.27
169	6.1	12	3.9	22	35	11	80	1.78	5.39
338	5.5	8	3.9	16	16	20	56	1.54	6.67
358	5.5	4	10.8	19	20	30	73	4.50	20.05
299	4.5	8	9.1	32	44	12	78	4.47	9.24
202	3.0	7	4.6	18	16	6	49	2.50	6.68
Annual averages, all farms, weighted by acres of silage:									
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

(Arranged by tons of bridge)									
Average per ton									
Farm number	Tons har- vested tons	Preservative			Labor hours	Cost to grow \$	Cost to harvest \$	Cost to store \$	Total cost \$
		molas- ses pounds	phos- phoric acid gallons	cost \$					
196	157	47		0.47	3.0	2.48	2.66	0.78	5.92
188	102	76		0.74	1.9	1.67	1.31	1.49	4.47
331	72	58		0.58	3.0	1.09	1.49	1.04	3.62
358	65		0.6	0.40	3.8	3.72	3.43	0.97	8.12
360	64	78		0.78	3.3	0.88	2.16	1.16	4.20
330	38	34		0.34	2.7	2.02	2.11	0.53	4.66
169	35	17	0.9	0.80	3.7	3.03	2.14	1.00	6.17
369	30	9		0.77	4.1	0.96	3.37	1.10	5.43
316	13	35		0.38	1.5	1.15	1.31	1.92	4.38
Annual average, all farms, weighted by tons harvested:									
1940	64	47	0.1	0.58	2.9	2.02	2.25	1.04	5.31

* Includes all accounts where part of the hay acreage, mostly mixed leguminous hay, was cut for silage.

Factors from 24 CORN FOR GRAIN accounts, 1940
(Arranged by acres of grain)

(Arranged by acres of grain)										
Farm number	Grain per farm	Yield per acre	Average		Average		Labor per acre	Labor returns		Profit on enter- prise
			per acre		per bushel			per acre	per hour	
			cost	returns	cost	value				
	acres	bushels	\$	\$	\$	\$	hours	\$	\$	\$
221**	59.6	24	32	31	1.20	1.16	47	10	0.21	- 58
211**	44.7	26	28	32	1.09	1.22	22	9	0.41	154
171	14.0	16	26	17	1.30	0.73	16	- 4	-0.25	-129
368	11.0	45	30	44	0.49	0.79	22	20	0.91	152
81	10.1	27	40	16	1.48	0.59	35	-12	-0.34	-246
193	10.0	50	39	42	0.79	0.85	20	10	0.48	32
359	9.0	*	28	0	*	*	16	-22	-1.34	-251
345	9.0	*	29	1	*	*	22	-21	-0.94	-253
355	8.8	*	26	16	*	*	10	- 6	-0.64	- 84
146	7.2	36	30	22	0.82	0.60	17	0	0.00	- 58
24	6.0	21	40	15	1.70	0.50	33	-17	-0.52	-151
150	6.0	42	19	26	0.39	0.55	12	12	0.92	41
310	6.0	60	52	33	0.87	0.56	54	2	0.04	-110
315	5.1	*	16	5	*	*	9	- 8	-0.90	- 58
149	4.8	33	22	17	0.68	0.50	28	1	0.02	-28
200	4.0	24	60	24	2.23	0.72	50	-20	-0.39	-144
341	4.0	10	36	15	2.71	0.71	20	-13	-0.79	- 84
155	3.3	48	32	32	0.57	0.57	49	12	0.25	0
163	3.0	72	52	73	0.51	0.80	89	49	0.55	62
135	2.0	25	36	28	1.04	0.70	26	6	0.25	- 17
285	2.0	20	39	9	1.82	0.32	28	-18	-0.64	- 60
316	2.0	44	60	39	1.19	0.70	116	19	0.16	- 43
324	2.0	50	34	50	0.52	0.84	36	28	0.75	32
325	2.0	100	44	56	0.44	0.56	104	44	0.42	23
Averages for 1940, by thirds according to acres of corn, weighted by farms:										
High	20.9	24	32	23	0.79	0.67	25	- 1	-0.11	- 75
Medium	6.0	27	33	20	0.84	0.43	27	- 4	-0.18	- 74
Low	2.5	46	42	38	1.10	0.65	58	16	0.12	- 11
Annual averages, all farms, weighted by acres of corn:										
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, damaged by late August frost. ** Corn raised for hybrid seed.

Farm number	Grain	Yield	Average		Average		Labor	Labor		Profit
	per	per	per acre		per bushel		per	returns		on
	farm	acre	cost	returns	cost	value	acre	per	per	enter-
	acres	bushels	\$	\$	\$	\$	hours	\$	\$	prise
164	40.3	32	21	18	0.59	0.50	11	1	0.06	-116
278	34.0	62	25	31	0.32	0.42	13	9	0.70	221
130	31.3	55	29	19	0.48	0.30	17	- 5	-0.32	-319
316	25.1	37	30	27	0.65	0.56	17	2	0.14	-84
24	22.7	24	23	9	0.88	0.32	20	- 8	-0.42	-307
221	22.2	65	25	38	0.35	0.55	18	17	0.98	288
155	21.7	53	28	24	0.47	0.40	22	2	0.08	-76
186	18.7	64	28	30	0.38	0.42	10	6	0.58	41
362	18.0	34	24	17	0.60	0.41	22	0	0.00	-123
335	17.8	20	15	9	0.70	0.40	9	- 4	-0.45	-109
166	15.9	28	21	17	0.70	0.57	14	2	0.12	-60
171	15.5	48	19	17	0.32	0.27	10	1	0.07	-39
359	15.0	33	18	22	0.36	0.48	10	8	0.75	60
319	13.0	30	22	24	0.64	0.70	16	8	0.47	25
202	12.5	31	22	14	0.67	0.40	12	- 5	-0.37	-105
369	12.5	34	26	15	0.70	0.35	21	- 8	-0.39	-149
193	11.8	38	27	27	0.61	0.60	7	2	0.25	- 6
315	11.7	54	22	25	0.35	0.40	15	8	0.50	32
170	11.5	83	33	47	0.36	0.52	23	19	0.84	157
165	10.0	17	26	12	1.43	0.55	14	-10	-0.74	-149
327	8.8	38	16	17	0.37	0.40	12	4	0.37	10
348	7.0	27	32	20	0.96	0.50	18	- 7	-0.39	-85
200	5.0	32	28	13	0.85	0.40	15	- 9	-0.61	-71
139	4.7	30	49	25	1.31	0.50	38	-14	-0.38	-114
345	4.5	23	29	19	1.00	0.59	22	- 2	-0.11	-43
281	4.4	30	33	27	0.77	0.55	24	- 1	-0.04	-28
149	4.0	30	17	10	0.56	0.34	9	- 4	-0.50	-26
310	4.0	39	40	22	0.90	0.42	25	-10	-0.40	-76
361	3.5	64	18	25	0.24	0.34	8	9	1.00	25

Averages for 1940, by thirds according to acres of oats, weighted by farms:

High	25.2	45	25	22	0.54	0.43	16	2	0.14	-58
Medium	12.9	40	24	22	0.61	0.48	14	2	0.15	-23
Low	5.1	35	29	20	0.77	0.45	19	- 4	-0.12	-45

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

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

Farm number	Grain per farm acres	Yield per acre bushels	(Arranged by acres of grain)				Labor		Profit on enter- prise	
			Average		Average		Labor per acre hours	returns		
			per acre		per bushel			per acre		per hour
			cost	returns	cost	value				
			\$	\$	\$	\$		\$	\$	\$
325	41.3	34	17	27	0.37	0.65	13	13	1.03	389
361	38.8	51	17	20	0.28	0.35	10	6	0.58	128
309	26.0	32	32	24	0.90	0.65	18	- 4	-0.21	-209
150	25.0	37	20	22	0.45	0.50	11	6	0.57	50
288	21.9	51	22	32	0.41	0.60	11	12	1.15	217
318	20.0	53	27	39	0.28	0.50	17	18	1.03	235
364	19.5	36	22	27	0.46	0.60	15	9	0.61	101
365	19.0	48	19	22	0.35	0.40	16	6	0.37	48
344	18.5	36	32	23	0.77	0.52	19	- 4	-0.19	-172
155	15.5	30	22	16	0.62	0.44	12	- 3	-0.22	- 84
284	15.3	42	26	21	0.51	0.40	13	0	0.02	- 70
351	15.0	42	29	30	0.58	0.60	21	6	0.30	12
163	14.1	31	22	20	0.61	0.55	13	2	0.16	- 28
355	14.0	33	24	25	0.67	0.70	10	4	0.40	12
368	12.1	53	25	28	0.43	0.50	11	7	0.60	43
188	12.0	25	33	22	1.18	0.72	11	- 9	-0.82	-135
295	11.3	18	24	19	1.05	0.80	12	- 1	-0.09	- 50
306	11.0	54	31	39	0.46	0.60	23	15	0.68	85
200	10.4	32	25	14	0.73	0.40	14	- 6	-0.42	-109
81	10.0	55	42	31	0.70	0.50	37	2	0.06	-109
281	9.0	52	33	35	0.55	0.60	25	8	0.33	23
359	9.0	38	21	28	0.41	0.60	10	11	1.12	65
169	8.1	41	39	29	0.78	0.55	22	- 1	-0.04	- 79
343	6.5	25	20	16	0.78	0.62	13	- 1	-0.07	- 25
24	4.0	25	14	12	0.55	0.50	7	1	0.07	- 5
160	3.1	46	35	37	0.70	0.75	31	13	0.41	6
299	3.0	30	54	28	1.47	0.60	34	-16	-0.49	- 78
324	3.0	55	42	39	0.65	0.60	20	3	0.16	- 8
285	2.0	32	45	29	1.25	0.75	22	- 6	-0.29	- 32

Averages for 1940, by thirds according to acres of grain, weighted by farms:

High	24.6	41	23	25	0.49	0.52	14	6	0.47	70
Medium	12.5	38	28	25	0.69	0.58	16	2	0.09	- 35
Low	5.3	38	34	28	0.79	0.62	20	1	0.13	- 15

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

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

Farm number	Grain per farm acres	Yield per acre bushels	Average		Average		Labor per acre hours	Labor returns		Profit on enter- prise	
			per per acre		per per bushel			per acre	per hour		
			cost	returns	cost	value			\$		\$
267	61.1	36	18	25	0.50	0.70	6	9	1.49	436	
193	59.7	39	27	42	0.57	0.96	13	19	1.51	894	
360	48.0	33	20	25	0.57	0.72	9	9	0.92	238	
221	47.5	32	19	28	0.56	0.83	11	11	1.05	409	
327	41.5	31	18	26	0.52	0.80	13	12	0.94	355	
103	34.5	36	25	37	0.42	0.75	17	19	1.09	419	
211	31.2	40	19	36	0.40	0.81	7	18	2.68	515	
146	31.0	20	21	19	0.99	0.88	9	2	0.20	- 72	
150	28.6	32	25	33	0.57	0.84	15	14	0.92	245	
186	26.5	38	33	33	0.75	0.75	14	5	0.36	- 2	
310	26.0	33	30	25	0.79	0.66	11	0	-0.04	-112	
368	25.2	36	20	33	0.54	0.90	12	16	1.31	321	
266	24.0	41	33	42	0.68	0.89	19	14	0.78	203	
130	21.2	30	27	26	0.82	0.80	16	4	0.26	- 14	
287	20.4	29	34	39	1.02	1.20	10	8	0.86	106	
135	19.8	36	21	25	0.55	0.67	5	7	1.39	86	
202	19.2	28	20	22	0.65	0.74	13	6	0.48	46	
171	17.7	32	23	26	0.66	0.75	18	8	0.46	52	
335	16.0	13	15	10	1.23	0.85	6	-3	-0.50	- 70	
24	15.2	19	21	16	1.02	0.80	18	1	0.03	- 63	
288	15.2	43	28	41	0.56	0.85	29	19	0.68	192	
361	14.5	34	22	27	0.55	0.70	15	9	0.57	73	
309	13.0	31	16	25	0.52	0.80	4	10	2.23	111	
324	12.2	25	26	24	0.87	0.80	17	3	0.19	- 22	
155	12.0	28	16	18	0.53	0.58	11	4	0.35	17	
359	10.5	17	20	29	0.95	1.50	11	13	1.15	96	
81	10.4	45	33	44	0.60	0.84	11	15	1.30	114	
149	10.4	31	21	28	0.58	0.82	9	9	1.08	76	
315	8.3	38	25	35	0.57	0.84	17	16	0.90	84	
330	8.0	31	24	34	0.54	0.85	10	13	1.20	76	
306	6.1	33	37	34	0.91	0.81	22	5	0.20	- 19	
369	5.5	32	25	26	0.76	0.80	3	2	0.56	7	
188	5.0	25	29	22	1.06	0.78	13	-4	-0.27	- 34	
164	4.5	33	24	35	0.67	1.00	10	14	1.42	49	
174	4.2	34	61	47	1.42	1.00	20	-8	-0.41	- 61	
165	4.0	22	25	31	0.93	1.20	19	12	0.64	23	
363	3.0	27	30	27	0.99	0.90	17	4	0.22	- 7	
299	2.3	12	48	21	3.39	1.21	30	-17	-0.57	- 61	
200	1.0	29	32	29	1.03	0.93	26	6	0.23	- 3	
Averages for 1940, by thirds according to acres of wheat, weighted by farms:											
High	37.3	34	24	31	0.60	0.81	12	11	1.02	296	
Medium	15.9	28	22	25	0.76	0.85	13	7	0.63	47	
Low	5.6	30	32	32	1.03	0.92	16	5	0.50	19	
Annual averages, all farms, weighted by acres of wheat:											
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	

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				
			\$	\$	\$	\$		\$	\$	\$
360	29.0	22	14	11	0.65	0.50	5	- 1	-0.26	- 96
367	22.0	20	17	13	0.80	0.60	7	- 2	-0.25	- 87
221	18.0	22	22	13	1.00	0.60	7	- 7	-1.06	-159
331	13.0	25	28	22	1.00	0.75	17	- 2	-0.11	- 84
146	11.4	34	23	17	0.68	0.50	9	- 2	-0.18	- 70
135	10.0	26	24	20	0.88	0.72	7	0	-0.01	- 41
188	10.0	17	24	16	1.30	0.80	11	- 6	-0.51	- 83
163	9.8	22	15	17	0.57	0.66	13	6	0.46	18
357	8.0	16	19	8	1.22	0.50	7	-10	-1.40	- 91
155	7.6	28	24	13	0.85	0.48	13	- 7	-0.55	- 78
327	7.0	27	18	17	0.63	0.60	15	3	0.22	- 5
364	2.5	37	23	44	0.41	0.97	19	26	1.33	51

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

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 7 SOY BEAN accounts, 1940
(Arranged by acres of soy beans)

Farm number	Grain	Yield	Average		Average		Labor	Labor		Profit
	per	per	per acre		per bushel		per	returns		on
	farm	acre	cost	returns	cost	value	acre	per	per	enter-
	acres	bushels	\$	\$	\$	\$	hours	acre	hour	prise
146	6.6	7	18	7	2.84	1.02	6	- 9	-1.38	- 78
171	6.0	3	18	2	5.35	0.75	8	-13	-1.55	- 92
150	5.5	14	20	34	1.44	2.51	6	17	2.82	80
221	5.0	*	15	2	*	*	6	-12	-1.93	- 65
200	4.0	10	23	10	2.30	1.00	12	- 9	-0.77	- 52
24	4.0	*	11	*	*	*	5	-10	-1.90	- 43
359	2.0	25	34	26	1.34	1.04	4	- 6	-1.33	- 15

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

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

Enterprise	Average size of enterprise	Average per farm		Return per hour of labor
		profit	labor	
		dollars	hours	dollars
<u>Livestock:</u>				
Dairy cows	23.5 cows	172	3,183	0.35
Hens	761 birds	-100	1,356	0.24
Chicks	1,682 chicks started	- 44	481	0.23
Incubation	23,325 eggs set	558	270	2.38
Sheep	69 sheep	83	306	0.59
Feeder lambs	658 lambs bought	334	965	0.65
<u>Cash crops:</u>				
Potatoes	22.1 acres	-146	1,933	0.24
Cabbage	13.3 acres	-204	1,252	0.13
Dry beans	16.2 acres	-219	400	-0.22
Canning-factory peas	11.0 acres	180	197	1.23
Canning-factory tomatoes	10.8 acres	-220	1,293	0.11
<u>Fruit:</u>				
Apples	40.9 acres	- 67	3,662	0.35
Peaches	7.7 acres	209	812	0.57
Pears	5.8 acres	79	285	0.58
Cherries	5.6 acres	281	894	0.66
<u>Hay:</u>				
Alfalfa	21.9 acres	27	281	0.41
Hay other than alfalfa	28.2 acres	- 81	237	-0.03
<u>Grain:</u>				
Corn	9.8 acres	- 53	309	0.11
Barley	12.4 acres	- 60	113	-0.22
Oats	14.7 acres	- 42	226	0.10
Mixed spring grains	14.4 acres	8	217	0.33
Wheat	19.6 acres	121	239	0.82