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FACTORS

from

COST ACCOUNTS

82 farms, 1937

New York State College of Agriculture,

Department of Agricultural Economics
and Farm Management

Ithaca, New York

September, 1938

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Averages for 1937 and a
discussion of the results will be found
in Cornell Extension Bulletin No. 395.

C O N T E N T S

For easy reference, page numbers
are the same distance from the top
as in this table of contents.

	<u>Page</u>
<u>Overhead costs:</u>	
Labor.....	1
Work horses.....	3
Tractors.....	5
Trucks.....	7
<u>Livestock:</u>	
Dairy cows.....	9
Hens.....	12
Chicks.....	14
Incubation.....	15
Swine.....	15
Sheep.....	16
Feeder lambs.....	16
<u>Cash crops:</u>	
Potatoes.....	17
Cabbage.....	18
Canning-factory tomatoes.....	19
Canning-factory peas.....	19
Sweet corn.....	20
Dry beans.....	20
<u>Fruit:</u>	
Apples.....	21
Peaches.....	22
Pears.....	22
Cherries.....	22
<u>Hay and silage:</u>	
Alfalfa.....	23
Leguminous hay.....	24
Timothy hay.....	25
Corn silage.....	26
<u>Grain:</u>	
Corn.....	27
Oats.....	28
Mixed spring grain.....	29
Barley.....	30
Wheat.....	31

Factors from 82 LABOR accounts, 1937
(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			
	Men	Hours	Hours	\$	\$	\$	\$	\$	¢	¢	\$
193	13.8	39,162	2838	100	48	73	--	--	28	31	881
192	10.8	26,525	2456	111	35	144	--	54	26	39	963
296	9.7	27,744	2860	135	34	96	--	--	29	34	982
170	7.2	20,093	2791	58	32	61	--	49	29	27	762
292	7.2	19,252	2674	25	42	53	60	--	17	24	636
358	7.1	23,322	2876	119	33	86	--	72	28	33	1,092
298	7.0	17,728	2533	83	28	72	--	200	25	37	947
266	6.2	21,529	3472	68	44	71	--	59	24	25	869
221	6.1	19,079	3128	77	--	63	--	61	23	23	735
196	5.8	19,224	3314	115	48	113	--	64	12	37	1,237
279	5.4	17,100	3167	131	17	91	--	--	27	38	1,196
174	5.1	17,743	3479	125	50	--	--	73	23	28	984
334	5.1	15,959	3129	104	38	108	45	80	34	35	1,107
316	5.0	19,024	3805	85	78	--	56	69	20	26	982
153	5.0	14,756	2951	83	35	70	94	52	31	31	915
24	5.0	17,374	3475	75	50	--	81	63	27	27	927
329	5.0	14,064	2813	83	42	86	--	--	27	34	952
149	4.5	13,921	3094	67	26	61	--	56	23	25	783
267	4.5	8,238	1831	45	23	62	46	--	17	36	652
335	4.4	14,624	3324	52	67	85	40	--	29	27	887
130	4.4	14,552	3307	100	49	79	--	67	30	33	1,085
327	4.2	12,762	3039	67	36	42	--	--	25	26	777
188	4.2	14,792	3522	62	34	65	64	--	40	26	904
321	4.1	10,526	2567	60	40	--	43	--	27	32	817
315	4.1	11,021	2688	83	39	71	72	--	26	35	941
332	4.1	12,227	2982	60	25	72	--	--	20	27	811
186	4.0	12,761	3190	100	38	75	--	--	28	35	1,117
340	3.9	9,575	2455	100	8	93	--	--	29	40	989
175	3.8	9,879	2600	100	34	--	--	90	23	37	957
160	3.7	11,961	3233	85	34	111	49	--	18	31	1,013
103	3.7	10,082	2725	125	44	--	--	62	25	40	1,086
336	3.6	8,198	2277	60	41	69	55	--	32	41	935
278	3.5	11,624	3321	42	45	57	54	--	19	23	750
325	3.5	10,169	2905	70	25	83	--	53	42	35	1,017
331	3.5	10,980	3137	50	41	--	65	--	--	29	898
287	3.5	9,994	2855	75	26	51	--	--	27	28	800
150	3.5	8,199	2343	50	85	49	71	--	32	39	909
341	3.4	7,478	2199	60	45	--	44	--	--	32	713
345	3.4	10,487	3084	25	41	56	46	44	30	22	681
169	3.4	10,478	3082	75	36	--	--	--	25	31	954
165	3.3	10,554	3198	90	49	69	62	--	26	32	1,039
285	3.2	6,843	2138	58	30	--	--	--	29	42	901
344	3.2	10,995	3436	50	44	71	--	--	32	28	946
324	3.2	8,760	2738	50	18	63	--	--	30	29	788
163	3.2	10,232	3198	100	39	61	69	--	21	32	1,028

Labor page 1

- continued -

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			
	Men	Hours	Hours	\$	\$	\$	\$	\$	¢	¢	\$
155	3.2	10,491	3278	40	57	--	--	--	31	23	769
135	3.2	6,326	1977	60	39	--	--	--	26	39	777
357	3.1	9,693	3127	60	36	--	54	--	27	27	841
310	3.0	9,684	3228	75	49	--	--	73	30	34	1,092
284	2.9	8,361	2883	80	25	72	--	--	36	36	1,040
330	2.9	8,278	2854	50	32	57	--	--	21	26	748
81	2.7	8,451	3130	75	33	--	55	--	28	30	937
322	2.7	5,681	2104	62	10	43	--	--	29	37	783
146	2.6	6,885	2648	100	19	58	--	--	24	37	981
291	2.6	7,381	2839	70	44	63	48	--	21	31	874
309	2.5	7,537	3015	40	62	--	--	--	25	28	844
281	2.5	9,035	3614	60	19	--	--	--	25	22	796
200	2.4	7,894	3289	75	46	--	--	--	28	33	1,072
348	2.4	5,679	2366	40	59	--	--	--	29	34	801
164	2.3	6,183	2688	83	30	65	--	--	40	40	1,064
347	2.3	7,214	3137	50	24	--	62	--	39	25	779
339	2.3	4,913	2136	200	--	--	--	73	32	48	1,017
294	2.3	5,798	2521	42	40	50	--	37	27	31	772
319	2.2	6,021	2737	50	40	75	64	--	17	34	921
166	2.2	8,417	3826	100	39	80	--	--	25	33	1,263
108	2.2	5,484	2493	50	51	--	54	--	32	37	912
312	2.2	5,898	2681	50	40	--	40	--	--	28	746
343	2.1	8,445	4021	40	141	48	50	--	20	20	810
299	2.1	6,380	3038	83	38	--	64	--	--	36	1,088
288	2.1	8,370	3986	60	45	--	62	--	24	24	972
211	2.1	7,390	3519	57	20	--	--	--	26	23	797
295	2.0	6,186	3093	41	43	59	--	--	13	26	810
355	2.0	5,821	2910	92	48	70	--	--	24	43	1,260
139	2.0	8,844	4422	83	42	60	--	--	22	25	1,115
306	1.9	5,957	3135	60	27	--	--	--	24	25	784
145	1.9	5,837	3072	75	41	--	42	--	36	31	956
354	1.8	5,198	2888	32	41	--	60	--	21	27	772
35	1.8	4,737	2632	60	32	--	55	--	30	34	908
185	1.6	4,940	3088	82	--	--	--	--	29	29	905
351	1.6	3,920	2450	40	16	--	43	--	25	26	627
356	1.5	5,709	3806	100	40	--	65	--	31	37	1,414
338	1.4	4,196	2997	60	28	--	--	--	35	34	1,018
Averages for 1937, divided into thirds according to man equivalent:											
High	5.9	17,596	2986	84	38	79	54	65	26	31	922
Medium	3.3	9,204	2823	69	37	67	54	69	27	32	904
Low	2.1	6,370	3082	65	37	63	56	72	26	30	928
Annual averages, all farms:											
1937	3.7	11,034	2955	73	37	75	55	66	26	31	918
1936	3.5	10,416	2935	73	38	67	59	59	23	30	886
1935	3.5	10,387	2941	67	37	61	53	49	22	28	830

Labor page 2

Factors from 71 HORSE accounts, 1937
(Arranged by hours worked per horse)

Farm number	Horses		Average per horse				cost of	Cost
	per farm	hours worked	value	grain	hay	feed and bedding	per hour	
	Horses	Hours	\$	Pounds	Tons	\$	¢	
108	2	260	98	320	2.5	32	24	
330	4	382	197	1,596	1.8	55	25	
338	2	392	88	1,550	4.2	78	31	
135	3	416	200	417	2.7	60	34	
278	5	440	136	1,989	1.3	55	24	
146	2	443	105	131	3.0	29	16	
35	5	445	144	1,367	1.4	43	17	
356	2	446	98	748	1.8	70	18	
164	4	459	248	4,435	4.0	135	55	
321	2	463	96	884	1.9	38	16	
221	6	465	158	633	3.7	58	24	
331	4	470	142	3,621	4.5	114	30	
267	3	500	191	1,666	4.2	56	35	
351	3	514	78	373	3.1	23	7	
347	3	516	81	1,354	1.8	51	18	
345	2	517	146	1,870	3.0	71	29	
188	2	524	100	2,905	2.5	75	19	
285	2	526	119	854	3.5	62	28	
329	2	537	34	278	3.6	41	24	
175	2	538	76	2,336	3.6	88	39	
357	4	541	157	1,524	2.1	62	25	
310	2	550	12	1,738	2.5	62	21	
150	5	559	36	712	3.0	53	17	
299	3	561	23	2,345	2.2	81	24	
160	3	569	48	640	3.1	47	16	
344	4	582	92	1,555	4.0	82	32	
319	2	595	63	1,341	2.7	70	23	
295	2	596	194	1,250	2.4	54	18	
196	5	605	122	1,775	1.1	61	22	
211	2	621	200	1,600	2.0	55	16	
327	4	636	189	889	3.7	57	21	
266	8	662	322	3,652	3.5	114	29	
185	4	664	131	460	2.6	53	14	
155	4	669	256	2,128	4.2	89	22	
174	4	670	127	2,249	4.5	95	19	
309	4	684	147	2,072	2.1	58	16	
325	4	687	168	1,632	2.6	50	17	
153	6	693	141	896	2.5	53	12	
163	3	697	152	2,609	4.5	103	21	
343	3	703	42	3,320	3.5	84	16	
336	4	706	146	2,190	2.8	77	22	
322	2	726	275	375	2.5	26	14	
145	2	746	59	500	2.0	40	9	
334	2	746	105	700	2.2	72	23	
355	2	746	212	2,780	4.8	109	38	

Horses
page.
3

- continued -

Farm number	Average per horse						
	Horses per farm	hours worked	value	grain	hay	Cost of feed and bedding	Cost per hour
	Horses	Hours	\$	Pounds	Tons	\$	¢
324	4	751	175	2,826	2.1	79	15
170	6	758	167	481	2.0	29	6
332	2	762	50	3,840	4.0	108	20
354	2	776	144	2,233	4.5	77	22
287	3	796	100	2,553	3.3	86	16
130	6	814	181	2,033	2.5	65	16
281	4	818	166	1,540	5.4	84	21
166	2	847	146	2,080	3.5	94	21
315	2	881	162	2,800	4.0	98	18
169	2	896	125	1,648	3.3	52	13
186	4	910	201	2,790	4.5	81	16
284	2	912	188	4,390	2.5	113	19
306	2	922	138	3,520	2.8	83	15
200	2	948	225	3,070	3.8	83	23
294	3	962	67	667	3.8	49	9
348	2	970	150	4,009	3.0	134	19
149	4	978	247	2,230	2.1	62	12
316	2	1,005	150	2,100	0.6	36	11
165	3	1,025	90	2,626	2.7	80	15
335	4	1,028	125	2,076	3.6	64	17
312	2	1,038	100	2,250	3.2	73	14
341	2	1,132	225	1,250	1.8	42	9
279	5	1,159	142	3,522	4.7	123	19
139	2	1,197	85	2,760	3.0	111	14
292	6	1,230	95	2,727	2.0	75	9
24	4	1,541	148	2,464	5.4	94	13

Horses
page
4

Averages for 1937, divided into thirds according to hours worked per horse:

High	3	1,013	147	2,463	3.4	80	15
Middle	4	676	162	1,806	3.0	70	19
Low	3	478	125	1,551	2.8	63	25

Annual averages, all farms:

1937	3	716	146	1,927	3.0	71	19
1936	3	694	131	2,052	3.2	74	18
1935	3	736	116	2,028	3.1	67	16
1934	4	704	110	1,814	3.1	74	17
1933	4	754	105	1,934	3.3	54	14

Factors from TRACTOR accounts, 1937
(Arranged by hours of use)

Farm number	Average value	Year cost per tractor for			Gallons of fuel per hour	Total cost per tractor	Hours of use per tractor	Average cost per hour of use
		depre- ciation	cash * repairs	fuel and oil	Gallons	\$	Hours	¢
<u>13 accounts, 8-16 horse-power</u>								
315	225	50	55	141	1.8	307	634	48
103	760	100	0	87	0.8	243	631	39
319	388	25	0	64	1.0	114	358	32
174	82	15	18	72	1.6	130	332	39
287	1,035	300	1	74	1.6	436	325	134
169	388	25	2	55	1.5	122	219	56
175	35	10	13	53	1.6	110	185	59
285	300	0	9	59	2.5	101	181	56
356	42	15	5	17	1.1	63	135	47
299	75	10	3	34	1.4	62	127	49
145	120	20	1	43	2.8	74	72	103
354	240	20	12	20	1.7	94	58	162
341	200	0	12	8	1.4	30	31	97
<u>11 accounts, 15-30 horse-power</u>								
330	832	135	80	158	1.7	427	671	64
296	650	100	7	132	1.5	380	602	63
165	722	61	165	128	1.7	430	534	81
340	760	120	8	73	0.8	267	508	53
170	930	60	2	211	3.0	348	483	72
155	691	382	19	166	2.5	628	465	135
188	375	50	5	90	1.8	169	368	46
339	288	25	0	99	2.3	160	284	56
188	325	50	33	56	1.3	189	283	67
200	438	25	20	70	2.0	158	252	63
164	650	100	0	57	1.9	197	197	100
<u>12 accounts with 2 or more tractors of different size</u>								
193	525	150	57	203	2.0	482	728	66
81	560	93	8	63	0.8	198	670	29
298	867	75	136	86	1.2	353	637	55
192	1,187	115	0	147	1.6	324	627	52
221	450	150	10	103	1.4	298	622	48
266	733	80	6	79	1.2	204	604	34
292	350	115	4	200	2.9	348	541	64
267	612		28	120	2.0	108	514	21
153	266	42	7	86	1.5	178	479	37
332	675	100	25	78	1.4	250	441	57
329	238	25	18	69	1.1	140	396	35
331	281	12	18	40	2.1	92	152	60

Tractor
page
5

- continued -

Farm number	Average value	Year cost per tractor for			Gallons of fuel per hour	Total cost per tractor	Hours of use per tractor	Average cost per hour of use
		depre- ciation	cash repairs	fuel and oil				
	\$	\$	\$	\$	Gal lons	\$	Hours	¢
29 accounts, 10-20 horse-power								
358	680	70	4	119	0.9	268	1,082	25
146	375	0	47	185	1.4	301	860	35
150	545	39	77	181	1.7	367	793	46
321	512	75	2	90	1.3	207	690	30
163	338	25	39	110	1.4	216	625	35
135	300	0	11	66	1.2	117	601	19
211	250	0	155	103	1.0	284	573	50
279	262	25	69	149	1.9	266	572	47
166	238	25	39	72	1.0	159	441	36
186	550	100	4	163	2.4	309	423	73
149	239	38	10	88	1.5	174	414	42
335	200	0	106	137	2.1	274	403	68
284	375	50	26	83	1.7	196	402	49
327	425	50	23	97	2.2	203	397	51
325	945	90	0	107	2.1	251	357	70
130	344	0	54	45	1.3	154	314	49
344	675	30	29	56	1.4	194	313	62
108	625	50	2	63	1.8	155	305	51
357	325	50	36	119	2.3	226	296	76
294	50	0	73	36	0.8	120	293	41
355	688	75	0	58	1.6	174	285	61
322	300	0	9	85	2.5	138	250	55
309	165	10	10	91	2.6	126	222	57
196	102	24	3	48	1.2	107	214	50
160	380	60	4	40	1.3	140	206	68
278	105	10	3	75	3.0	99	171	58
306	375	50	12	40	1.5	138	164	84
316	210	20	17	50	2.4	119	162	73
343	395	40	22	35	1.4	131	157	83
Averages, by size of tractor, 1937:								
10-20	387	35	30	89	1.5	195	432	45
8-16	306	45	10	56	1.5	145	253	57
15-30	606	101	31	113	1.8	305	422	72
Annual averages, all tractors:								
1937	449	58	26	93	1.6	221	436	51
1936	431	61	22	84	1.7	210	389	54
1935	427	59	27	92	1.9	223	391	57
1934	432	67	20	97	1.7	227	365	56

Tractor
page
6

Factors from TRUCK accounts, 1937
(Arranged by miles of use)

Farm number	Size of truck Tons	Average per truck					Miles of use per truck	Miles per gallon of gas	Average cost per mile
		average value	depre- ciation	cash repairs	fuel and oil	total cost	Miles	Miles	¢
		\$	\$	\$	\$	\$			
<u>27 accounts with 28 small trucks</u>									
196	$\frac{1}{2}$	112	75	28	98	342	9,000	16	3.8
348	$\frac{1}{2}$	262	25	10	107	213	8,619	14	2.5
193	$\frac{1}{2}$	350	100	81	152	487	8,443	9	5.8
345	$\frac{1}{2}$	162	50	57	109	313	7,474	13	4.2
164	$\frac{1}{2}$	525	100	26	73	259	7,430	19	3.5
356	$\frac{1}{2}$	78	15	10	80	198	6,909	16	2.9
135	$\frac{1}{2}$	425	50	4	83	297	6,791	15	4.4
281	$\frac{1}{2}$	225	50	63	88	307	5,725	11	5.4
288	$\frac{1}{2}$	85	0	42	70	173	5,000	16	3.5
343	$\frac{1}{2}$	238	25	20	52	170	4,811	18	3.5
130	$\frac{1}{2}$	288	25	29	61	232	4,721	11	4.9
284	$\frac{1}{2}$	412	25	8	46	138	4,522	15	3.1
334	$\frac{1}{2}$	425	100	20	69	252	4,308	12	5.8
145	1	28	5	3	83	150	4,137	12	3.6
340	$\frac{1}{2}$	350	65	28	62	244	4,000	12	6.1
338	$\frac{1}{2}$	175	50	55	61	269	3,709	12	7.3
160	$\frac{1}{2}$	172	48	16	54	170	3,557	12	4.8
315	$\frac{1}{2}$	88	25	78	53	246	2,923	9	8.4
347	$\frac{1}{2}$	55	10	16	90	179	2,800	7	6.4
103	$\frac{1}{2}$	55	10	4	48	143	2,615	10	5.5
169	$\frac{1}{2}$	100	0	8	38	136	2,525	10	5.4
330	1	100	0	17	45	108	2,504	10	4.3
339	$\frac{1}{2}$	125	30	13	39	194	2,500	10	7.8
336	1	125	0	39	36	128	2,391	18	5.4
325	$\frac{3}{4}$	350	100	4	21	227	2,220	20	10.2
306	1	25	0	28	39	135	1,892	10	7.1
321	1	50	0	33	42	153	1,418	8	10.8
<u>10 accounts with miscellaneous trucks</u>									
267	$\frac{1}{2}, \frac{1}{2}$	725	25	6	63	166	3,670	8	4.5
221	$\frac{1}{2}, \frac{1}{2}$	250	30	43	87	260	3,198	6	8.1
327	1, $\frac{1}{2}$	78	25	9	48	106	2,157	7	4.9
108	$\frac{1}{2}, \frac{1}{2}$	56		44	32	104	1,128	7	9.2
298	$\frac{1}{2}, \frac{1}{2}$	117	7	46	13	100	502	7	19.9
139	$\frac{1}{2}$	100	0	18	109	214	---	---	---
192	$\frac{1}{2}, \frac{1}{2}, \frac{1}{2}$	186	90	34	52	225	---	---	---
278	$\frac{1}{2}$	425	50	16	132	277	---	---	---
285	$\frac{3}{4}, 1$	204	2	46	58	136	---	---	---
341	$\frac{1}{2}$	450	100	14	195	401	---	---	---

Truck page 7

- continued -

Farm number	Size of truck Tons	Average per truck					Miles of use per truck	Miles per gallon of gas	Average cost per mile
		average value	depre- ciation	cash repairs	fuel and oil	total cost	Miles	Miles	\$
28 accounts with 32 large trucks									
266	1 $\frac{1}{2}$	733	182	130	301	910	17,000	9	5.4
149	1 $\frac{1}{2}$	766	132	172	248	668	15,836	10	4.2
103	1 $\frac{1}{2}$	320	40	33	242	537	15,147	12	3.5
316	1 $\frac{1}{2}$	525	211	29	315	844	14,902	9	5.7
186	1 $\frac{1}{2}$	520	100	68	162	571	10,379	12	5.5
358	1 $\frac{1}{2}$	656	77	36	150	405	9,340	9	4.3
188	1 $\frac{1}{2}$	800	200	0	151	489	8,970	11	5.5
287	1 $\frac{1}{2}$	450	100	128	160	514	8,046	8	6.4
193	1 $\frac{1}{2}$	1,000	314	144	131	899	8,036	10	11.2
332	1 $\frac{1}{2}$	262	75	83	79	344	7,646	19	4.5
344	1 $\frac{1}{2}$	375	50	40	124	344	7,197	10	4.8
163	1 $\frac{1}{2}$	275	50	62	147	354	5,611	6	6.3
153	1 $\frac{1}{2}$	116	28	19	88	264	5,000	9	5.3
174	2	550	81	0	79	360	4,458	9	8.1
175	1 $\frac{1}{2}$	966	131	21	88	412	4,412	8	9.3
170	2	256	62	10	82	230	3,835	7	6.0
324	1 $\frac{1}{2}$	760	80	0	69	275	3,724	10	7.4
291	1 $\frac{1}{2}$	225	50	25	49	186	3,119	9	6.0
279	1 $\frac{1}{2}$	212	25	135	69	304	3,000	7	10.1
211	1 $\frac{1}{2}$	122	25	24	52	196	2,711	8	7.2
188	1 $\frac{1}{2}$	250	50	14	33	132	2,100	10	6.3
335	1 $\frac{1}{2}$	112		60	32	169	2,000	12	8.4
329	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	150	0	14	36	101	1,780	8	5.7
331	1 $\frac{1}{4}$	210	20	50	34	164	1,663	10	9.9
155	1 $\frac{1}{2}$	482	125	11	25	309	1,202	7	25.7
166	1 $\frac{1}{2}$	70	10	21	25	99	1,029	7	9.6
169	1 $\frac{1}{2}$	488	25	21	15	108	788	8	13.7
312	1 $\frac{1}{2}$	150	20	3	10	80	626	13	12.8

Truck page 8

Averages, by size of truck, 1937:

Large	--	401	68	50	102	346	5,715	9	6.0
Small	--	198	37	27	66	215	4,518	13	4.8

Annual averages, all trucks:

1937	--	286	49	37	81	262	4,724	10	5.6
1936	---	284	65	49	89	295	5,313	10	5.6
1935	---	334	79	61	103	338	5,549	9	6.1

DAIRY COWS

	1935	1936	1937			
			all farms	large	medium	small
Number of farms	60	52	53	18	17	18
Size of herd, cows	21	21	22	36	17	12
Value per cow	\$94	\$105	\$109	\$114	\$110	\$96
Feed per cow:						
grain, pounds	2,755	2,703	2,401	2,596	2,262	2,005
hay, tons	2.2	2.2	2.4	2.4	2.5	2.2
silage, tons	3.9	3.9	3.9	3.7	4.3	4.1
Cost feed and bedding per cow	\$92	\$101	\$102	\$102	\$105	\$97
Cost producing 100 pounds milk	\$1.81	\$2.00	\$2.15	\$2.12	\$2.18	\$2.23
Value of 100 pounds milk	\$1.90	\$1.94	\$2.03	\$2.04	\$2.03	\$2.03
Milk per cow, pounds	8,137	8,356	8,205	8,442	8,020	7,753
Butterfat per cow, pounds	293	301	300	300	300	301
Milk test, per cent	3.6	3.6	3.7	3.6	3.7	3.9
Cost to keep a cow	\$164	\$182	\$194	\$195	\$193	\$189
Returns per cow	\$171	\$178	\$184	\$188	\$181	\$173
Profit per cow	\$7	\$-4	\$-10	\$-7	\$-12	\$-16
Labor returns per cow	\$47	\$38	\$32	\$34	\$27	\$34
Return per hour of labor	\$0.33	\$0.26	\$0.23	\$0.26	\$0.20	\$0.21
Hours of labor per cow	142	146	140	132	137	166
Profit on enterprise	\$152	\$-92	\$-213	\$-244	\$-204	\$-190

Cows
page
9

Averages for dairy herds of different size are shown in the last three columns of this table. The 18 large farms are the first in the list of factors on the next page.

Milk from small herds tested 3.9 per cent butterfat, or 3 points higher than milk from large herds. Although production per cow was lower on the small herds, the richer milk resulted in the same production of butterfat per cow.

Both groups (large herds and small herds) made an average of \$34 per cow to pay for the labor of feeding, milking and other care of the animal. But since only 132 hours per cow was required on large herds, the average return per hour was 26 cents, or 5 cents an hour higher than the return from small herds.

Factors from 53 DAIRY COW accounts, 1937
(Arranged by number of cows)

AE-231

Farm number	Size of herd Cows	Value per cow \$	Feed per cow			Cost of feed and bedding per cow \$	Average per 100 pounds of milk	
			grain	hay	silage		cost	value
			Pounds	Tons	Tons		\$	\$
279	74.2	98	2,793	2.3	4.4	101	1.76	2.02
358	62.3	159	2,637	1.5	2.4	105	4.82	3.59
188	61.8	98	2,332	2.8	4.4	83	1.60	1.69
336	50.2	100	1,844	2.0	2.1	91	2.52	2.30
344	40.4	114	2,557	2.3	4.4	101	1.62	1.57
196	38.4	127	3,153	1.6	2.1	120	2.26	2.16
292	33.5	103	3,512	3.3	3.3	128	2.89	1.70
287	29.3	144	1,509	3.5	2.0	88	1.77	1.70
281	28.5	125	3,103	3.7	4.6	131	1.70	2.00
325	26.9	99	1,497	3.5	7.0	87	1.99	2.25
330	26.6	117	3,463	1.5	7.3	111	1.72	2.07
341	26.5	117	1,966	2.4	2.0	80	2.15	2.14
130	25.3	105	2,649	2.5	5.2	105	1.86	1.97
332	24.8	128	3,112	1.5	3.4	108	2.11	1.82
278	24.8	148	3,697	2.7	2.2	106	1.39	1.75
331	24.0	105	2,896	3.0	4.0	105	1.88	1.69
348	23.3	101	2,232	2.0	3.4	93	1.60	1.96
355	22.2	103	2,017	2.0	4.5	101	2.01	1.79
335	21.6	125	3,096	1.9	3.6	100	1.85	1.98
299	20.2	113	3,781	2.5	2.6	135	1.79	1.80
165	19.2	92	2,591	2.1	3.2	107	1.64	1.85
312	18.8	132	1,988	3.9	---	89	2.57	1.76
139	18.2	167	4,190	3.0	6.6	167	2.42	2.30
163	17.7	92	2,808	3.0	4.9	125	2.02	1.86
343	17.7	100	1,890	2.2	3.7	78	1.92	1.92
347	17.6	96	2,112	1.9	4.6	89	2.26	2.18
319	17.3	116	968	2.6	4.4	74	2.45	2.60
309	17.2	136	2,808	3.1	5.6	101	1.84	1.83
351	16.5	89	1,662	1.9	5.4	70	1.64	1.70
357	16.2	99	1,544	1.2	5.3	82	2.01	1.62
150	16.2	68	1,278	1.7	4.3	72	2.72	2.37
316	16.2	109	2,872	1.1	8.9	145	4.27	3.66
322	15.2	122	2,392	5.1	3.3	141	1.94	1.70
145	15.0	102	1,290	2.3	4.5	102	2.72	2.92
294	15.0	99	2,119	2.3	3.1	101	2.98	1.79
324	14.9	98	2,603	1.6	5.1	97	1.85	1.78
149	14.5	77	2,301	1.4	6.8	79	2.16	2.22
164	13.9	81	1,643	2.2	3.5	92	2.25	1.87
306	13.8	113	2,166	2.9	3.8	98	1.67	1.94
266	13.8	123	1,868	2.5	3.7	96	2.46	2.06
295	13.4	76	1,856	2.0	0.7	79	2.66	1.95
169	13.0	115	1,878	1.7	5.2	82	2.22	2.76
283	12.2	117	1,311	1.7	3.4	81	2.31	2.03
356	12.2	88	2,745	1.9	3.8	132	3.38	3.36
108	11.7	74	999	2.4	3.4	84	2.23	1.85
155	11.5	82	2,403	1.5	8.3	118	3.01	2.82
284	11.4	135	2,766	1.9	6.2	116	2.25	1.70
166	11.2	60	2,250	2.8	7.2	147	2.22	1.81
354	11.0	77	1,622	2.0	1.7	80	1.81	1.43
338	10.9	101	2,399	3.1	3.9	131	2.12	1.80
33	8.9	88	1,043	2.9	2.9	72	1.45	1.52
200	8.4	125	1,587	2.0	---	58	2.18	1.97
160	7.6	97	2,316	3.8	1.4	114	2.60	2.11

(Read across both pages)

Milk per cow Cwt.	Milk test %	Average per cow			Labor returns		Labor per cow Hours	Profit on enter- prise	Farm number
		cost	returns	profit	per cow	per hour			
92	3.5	182	206	24	69	0.57	121	1,757	279
62	5.3	316	240	-76	-23	-0.14	161	-4,767	358
81	3.4	144	151	7	45	0.30	147	435	188
64	3.6	171	157	-14	16	0.22	73	-683	336
91	3.2	172	168	-4	29	0.24	122	-198	344
106	3.2	259	248	-11	71	0.33	217	-402	196
81	3.4	244	149	-95	-61	-0.42	145	-3,198	292
62	3.3	135	130	-5	14	0.21	69	-143	287
106	3.4	200	231	31	59	0.47	125	904	281
85	3.5	180	201	21	70	0.51	138	572	325
96	3.4	182	215	33	68	0.52	130	895	330
62	3.9	146	146	0	20	0.32	61	-10	341
89	3.3	181	191	10	40	0.40	100	245	130
107	3.4	242	211	-31	14	0.09	165	-758	332
116	3.6	197	239	42	90	0.42	214	1,040	278
85	3.6	198	182	-16	41	0.20	200	-396	331
85	3.4	149	179	30	69	0.60	116	697	348
79	3.2	173	155	-18	12	0.18	68	-388	355
85	3.5	189	200	11	46	0.36	128	247	335
107	3.7	221	222	1	46	0.37	125	20	299
102	3.5	188	209	21	58	0.51	114	412	165
72	3.2	201	143	-58	-25	-0.20	121	-1,096	312
98	3.6	266	254	-12	24	0.17	140	-216	139
97	3.5	216	200	-16	28	0.21	136	-272	163
80	3.4	169	169	0	50	0.20	248	-4	343
64	4.8	160	155	-5	36	0.21	169	-90	347
59	4.6	161	169	8	57	0.40	142	152	319
99	3.2	198	197	-1	52	0.28	190	-13	309
77	3.5	140	145	5	28	0.31	91	82	351
86	3.4	186	152	-34	8	0.05	159	-542	357
51	4.7	149	131	-18	16	0.18	89	-297	150
58	5.0	269	234	-35	3	0.02	150	-580	316
91	3.6	218	196	-22	24	0.20	122	-328	322
58	5.0	179	190	11	40	0.43	92	167	145
62	3.6	199	125	-74	-43	-0.43	100	-1,112	294
97	3.4	195	188	-7	30	0.23	127	-104	324
63	4.4	147	151	4	36	0.29	124	62	149
81	3.8	191	160	-31	36	0.21	170	-435	164
90	3.6	181	207	26	67	0.40	166	351	306
64	3.8	169	144	-25	5	0.04	119	-348	266
64	4.0	182	136	-46	17	0.07	239	-604	295
67	5.2	164	200	36	77	0.59	131	467	169
72	4.4	180	159	-21	33	0.15	220	-254	288
71	4.7	271	270	-1	67	0.36	183	-18	356
74	3.6	176	148	-28	31	0.19	161	-328	108
64	5.1	212	200	-12	46	0.19	249	-140	155
92	3.4	220	170	-50	4	0.03	136	-573	284
94	3.4	238	198	-40	10	0.07	146	-438	166
85	3.4	166	134	-32	19	0.10	190	-351	354
103	3.4	235	202	-33	20	0.13	157	-360	338
74	3.4	157	163	6	52	0.39	134	49	35
63	4.0	163	150	-13	46	0.25	181	-111	200
76	3.9	217	180	-37	16	0.09	168	-281	160

Cows
page
11

Factors from 46 HEN accounts, 1937
(Arranged by number of birds)

AE-231

Farm number	Size of flock	Eggs per hen	Average per bird				
			grain fed	mash fed	cost all feed	total cost	total returns
			Pounds	Pounds	\$	\$	\$
334	2,829	165	40	61	2.18	4.29	3.73
193	2,757	145	40	46	1.98	3.46	3.32
291	1,960	140	46	35	2.09	3.65	3.28
310	1,863	192	39	52	2.18	4.68	4.23
287	1,752	95	44	30	1.69	3.17	2.08
345	1,642	155	35	47	1.98	3.04	3.93
103	1,400	120	44	36	1.89	3.76	2.64
186	1,222	170	46	39	1.68	3.51	3.83
196	1,172	147	58	27	2.14	4.13	3.45
221	1,140	130	34	35	1.48	2.93	3.04
160	1,097	167	42	44	2.20	3.94	4.00
146	1,075	162	37	55	1.90	3.20	3.66
211	993	153	44	37	1.80	2.67	3.46
324	762	197	41	47	2.01	3.17	3.84
338	735	182	38	42	1.78	3.15	4.16
145	666	123	44	37	2.00	3.44	2.86
331	612	131	62	45	2.26	3.31	2.77
165	579	145	43	39	2.03	4.11	3.17
130	519	149	46	44	1.85	3.86	3.36
295	472	165	37	61	2.22	4.56	3.83
309	471	112	52	39	1.82	3.17	2.18
354	471	155	34	29	2.03	3.41	3.06
347	459	148	36	50	2.07	3.26	2.64
139	455	120	54	23	1.92	4.64	2.95
166	436	131	43	45	2.03	3.52	3.02
153	427	131	30	24	1.23	2.93	2.94
174	425	157	63	70	3.13	5.06	3.69
356	362	138	40	38	1.84	3.48	3.53
175	362	114	47	46	2.11	3.96	3.05
330	355	146	50	30	1.70	3.55	3.23
35	336	127	36	36	1.63	3.23	2.92
288	331	173	60	52	2.24	4.26	3.91
108	331	164	37	50	2.18	3.86	3.77
266	327	171	44	38	1.71	3.21	3.75
299	283	210	38	58	2.34	4.39	4.80
355	268	194	35	46	2.03	4.04	4.06
278	265	99	38	47	2.10	2.62	1.80
335	227	157	18	61	1.79	3.28	3.44
150	220	152	159	35	2.99	5.37	2.73
281	206	128	52	34	2.11	3.32	2.78
155	194	124	41	30	1.55	2.61	2.47
332	169	144	35	36	1.75	3.60	2.86
81	140	179	42	33	1.79	4.24	3.35
315	127	135	24	39	1.57	3.07	2.55
357	123	147	68	58	2.61	4.34	3.06
284	118	167	52	35	2.07	3.08	3.67
Averages for 1937, divided into thirds according to size of flock:							
High	1,493	152	42	44	1.96	3.62	3.47
Medium	471	138	46	41	2.02	3.74	3.08
Low	229	156	48	44	2.03	3.67	3.32
Annual averages, all farms:							
1937	720	150	43	43	1.98	3.65	3.37
1936	746	150	46	42	1.94	3.63	3.55

Factors from 46 HEN accounts, 1937
(Read across both pages)

Per dozen eggs		Per 100 birds		Return	Mortal-	Profit	Farm
cost	value	returns	labor	per hour of labor	ity	on enter-prise	number
¢	¢	\$	Hours	\$	%	\$	
34	29	25	232	0.11	43	-1,581	334
28	27	20	120	0.16	23	-388	193
33	29	22	192	0.11	29	-733	291
30	27	54	292	0.18	33	-844	310
41	27	-73	128	-0.58	57	-1,909	287
23	30	123	155	0.79	19	1,462	345
38	27	-50	164	-0.30	43	-1,567	103
25	27	103	199	0.52	25	394	186
34	28	19	235	0.08	20	-804	196
27	28	67	245	0.27	8	122	221
29	29	95	283	0.34	24	67	160
23	27	92	124	0.74	23	493	146
21	27	102	101	1.01	22	787	211
19	23	110	146	0.75	13	514	324
20	27	142	119	1.19	10	745	338
33	27	-8	159	-0.05	56	-383	145
30	25	0	188	0.00	18	-332	331
33	26	-38	172	-0.22	38	-545	165
31	27	33	268	0.12	22	-258	130
33	28	-10	239	-0.04	53	-343	295
35	24	-51	172	-0.30	16	-467	309
26	24	6	152	0.04	16	-164	354
26	21	10	294	0.03	15	-283	347
49	30	-101	268	-0.38	49	-769	139
32	27	30	237	0.13	27	-217	166
26	26	62	194	0.32	52	4	153
39	28	-89	162	-0.55	52	-583	174
28	29	115	298	0.39	24	16	356
41	31	-59	79	-0.74	41	-329	175
29	26	-1	117	-0.01	61	-112	330
30	27	46	224	0.21	7	-103	35
29	27	44	325	0.14	16	-117	288
28	27	65	203	0.32	36	-29	108
22	26	128	295	0.44	23	177	266
25	27	176	375	0.47	4	117	299
25	25	65	144	0.45	16	5	355
32	22	-65	73	-0.89	21	-217	278
25	26	72	206	0.35	13	37	335
45	23	-170	245	-0.69	40	-582	150
30	25	-20	151	-0.13	9	-111	281
25	24	49	268	0.18	15	-27	155
31	24	-38	131	-0.29	52	-125	332
28	22	13	338	0.04	45	-124	81
27	23	-14	105	-0.14	54	-66	315
36	25	-63	243	-0.26	7	-157	357
22	26	91	90	1.01	23	69	284
Averages for 1937, divided into thirds according to size of flock:							
29	28	44	186	0.24	29	-216	High
32	26	-8	200	-0.04	36	-318	Medium
28	25	34	223	0.15	22	-78	Low
Annual averages, all farms:							
29	27	32	193	0.17	30	-201	1937
29	28	51	194	0.26	31	-59	1936

Hens
page
13

Factors from 46 CHICK accounts, 1937
(Arranged by number of chicks)

Farm number	Raised		Average per 100 chicks started			Per bird raised		Return per hour of labor	Profit on enter-prise	
	Number started	or sold	Broilers	Died	feed	labor	cost			value
	Number	%	%	%	Lbs.	Hours	\$	\$	\$	\$
334	12,654	26	58	16	1,345	26	1.20	1.07	0.23	-505
103	10,468	18	25	57	997	12	1.76	1.02	-0.74	-1,401
193	9,350	56	29	15	1,012	17	1.05	1.08	0.42	142
287	8,860	33	25	42	582	8	1.17	1.01	-0.12	-284
310	6,524	37	35	28	1,221	32	1.62	1.18	-0.09	-895
291	4,940	49	35	16	1,411	18	0.97	1.05	0.47	141
345	3,800	38	48	14	1,316	35	0.76	1.07	0.57	454
186	3,300	38	37	25	1,251	18	0.78	0.98	0.78	248
146	2,513	27	19	54	883	14	1.52	1.25	-0.13	-184
196	2,461	45	49	6	1,340	33	1.12	1.37	0.72	283
221	2,412	38	35	27	1,559	15	1.18	1.00	-0.22	-163
139	2,226	22	30	48	718	23	1.94	1.55	0.00	-128
160	1,941	46	46	8	1,757	64	1.45	1.39	0.28	-47
211	1,789	30	26	44	1,124	16	1.15	0.60	-0.82	-294
174	1,390	43	34	23	1,871	29	1.23	1.16	0.18	-46
338	1,248	47	50	3	1,650	25	1.15	1.22	0.47	40
309	1,235	43	35	22	1,190	24	0.49	1.27	1.63	408
266	1,180	38	26	36	1,411	42	1.59	1.00	-0.29	-267
331	1,058	45	47	8	2,061	25	0.84	1.02	0.59	82
175	1,030	55	38	7	1,585	22	1.02	1.00	0.37	-9
166	1,030	30	30	40	981	26	1.51	1.01	-0.25	-155
324	1,000	62	26	12	1,160	29	1.07	1.00	0.15	-41
354	1,000	38	42	20	1,000	34	1.22	1.02	0.04	-78
130	1,000	42	46	12	989	42	0.99	0.90	0.22	-38
295	987	41	34	25	1,513	38	1.19	1.25	0.40	25
108	942	37	41	22	1,051	29	0.80	1.00	0.62	70
153	780	30	38	32	2,231	27	2.70	1.10	-1.43	-378
347	775	48	42	10	981	39	0.78	1.00	0.52	83
355	645	47	40	13	1,148	19	0.97	1.25	1.13	86
330	625	50	36	14	1,401	32	1.18	1.25	0.38	23
356	618	39	43	18	583	28	0.62	1.00	0.91	91
149	600	43	42	15	900	50	0.89	1.00	0.35	28
165	520	98	--	2	1,577	13	1.09	1.00	-0.33	-46
332	518	45	46	9	1,115	19	1.06	0.65	-0.70	-97
145	500	70	--	30	980	15	1.16	1.00	-0.46	-57
35	500	18	52	30	1,020	44	2.48	1.00	-0.26	-133
299	500	34	50	16	1,020	72	1.74	1.25	0.12	-84
343	500	39	40	21	580	36	0.88	0.66	-0.04	-43
81	466	39	55	6	1,716	32	1.68	1.00	-0.52	-123
288	454	83	1	16	1,502	94	1.00	1.25	0.46	95
335	450	44	44	12	1,555	53	1.18	1.00	0.12	-36
281	321	35	48	17	1,931	43	1.76	1.25	-0.20	-58
150	300	45	38	17	700	41	0.71	1.25	0.98	73
312	300	35	33	32	1,008	148	2.22	0.93	-0.02	-133
284	257	49	42	9	1,313	21	0.57	0.76	0.79	23
357	200	50	42	8	2,850	52	1.25	1.52	0.52	27
Averages for 1937, divided into thirds according to number started:										
High	4,742	35	37	28	1,148	21	1.21	1.10	0.17	-165
Middle	927	43	37	20	1,299	31	1.08	1.07	0.29	-7
Low	426	49	35	16	1,246	47	1.20	1.02	0.10	-38
Annual averages, all farms:										
1937	2,091	37	37	26	1,176	24	1.18	1.08	0.18	-72
1936	2,290	35	41	24	1,098	23	1.08	1.04	0.26	-30

Chicks
page
14

Factors from 27 SWINE accounts, 1937
(Arranged by number of pigs)

Farm number	Pigs			Return per hour of labor	Profit on enterprise
	sold	eaten	end inventory		
	Number	Number	Number		
327	42	1	14	-0.01	-122
266	9	6	26	0.32	17
316	40	-	--	0.41	111
149	12	1	21	0.28	15
312	11	1	9	0.20	- 20
351	9	-	10	0.91	29
347	11	4	4	-0.17	- 93
108	13	1	5	0.06	- 54
330	12	-	6	-0.22	- 46
163	6	1	10	0.80	57
81	-	-	17	-0.10	- 91
348	4	3	3	0.36	2
267	7	2	-	0.31	- 4
331	5	-	-	-0.52	- 19
146	2	-	3	-0.16	- 66
335	-	4	-	0.33	8
319	-	3	1	-0.33	- 47
174	1	1	2	0.48	10
135	-	2	2	-0.20	- 42
355	1	2	-	0.39	- 6
345	-	3	-	0.12	- 7
329	2	1	-	0.43	7
344	-	2	-	0.44	9
343	-	2	-	0.42	11
281	-	2	-	0.41	6
155	-	-	2	-0.02	- 28
324	-	1	-	0.11	- 6
Average for 1937, all farms:					
1937	7	2	5	0.20	- 14

Swine Incub. page 15

Factors from 9 INCUBATION accounts, 1937
(Arranged by number of eggs set)

Farm number	Eggs set	Value per egg	Per cent hatch	Average per 100 salable chicks hatched				Return per hour of labor	Profit on enterprise
				net cost	labor		labor		
					value	returns			
					\$	\$			
334	126,804	3.2	62	7.92	12.79	5.62	2.8	2.02	3,800
310	36,105	3.2	74	8.14	13.23	5.94	2.5	2.36	1,370
139	26,323	2.8	59	7.83	10.36	3.02	2.4	1.27	390
291	19,266	3.2	62	8.04	11.29	3.98	2.4	1.68	391
103	16,565	3.0	52	8.07	8.01	0.63	1.7	0.37	- 5
287	14,786	3.3	65	7.10	9.99	3.21	1.1	2.83	279
211	5,060	3.0	54	8.19	8.01	0.11	1.3	0.08	- 5
160	4,958	5.3	59	14.02	14.43	2.70	7.3	0.37	12
196	4,354	4.0	61	14.23	12.92	0.82	5.7	0.14	- 35
Annual averages, all farms:									
1937	28,247	3.2	63	8.14	12.04	4.63	2.6	1.76	689
1936	37,586	3.0	60	7.60	11.99	4.91	1.9	2.54	993
1935	36,150	3.2	62	7.80	11.07	3.86	1.8	2.13	731

Factors from 6 SHEEP accounts, 1937
(Arranged by number of sheep)

Farm number	Average number Sheep	Average per sheep						Return per hour of labor \$	Profit on enterprise \$
		grain Pounds	hay Pounds	silage Pounds	pasture cost \$	wool Pounds	labor Hours		
327	127	24	338	279	0.28	5.4	4.2	-0.71	-505
315	112	144	556	-	0.66	6.4	3.2	-0.47	-297
164	83	67	529	-	1.67	7.6	5.2	-0.18	-248
108	82	7	365	292	0.62	7.5	4.2	0.79	145
170	64	201	280	-	1.80	7.2	4.4	-0.74	-287
135	15	75	784	173	1.96	8.0	2.4	-1.68	-77
Annual averages, all farms:									
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
1935	71	90	381	117	1.55	7.8	4.6	0.25	-15
1934	62	122	559	151	0.99	7.8	3.9	-0.09	-88

Sheep
F.Lambs
page
16

Factors from 6 FEEDER LAMB accounts, 1937
(Arranged by number of lambs purchased)

Farm number	Lambs purchased Number	Mor-tal-ity %	Average per lamb purchased		Average per lamb sold		Return per hour of labor \$	Profit on enterprise \$
			price \$	weight Pounds	price \$	weight Pounds		
221	1,121	13.5	4.98	51	6.50	74	-1.72	-1,697
170	743	2.2	5.58	58	6.45	82	-0.54	-1,068
186	647	7.1	5.28	46	6.48	79	-1.06	-1,569
81	379	5.8	4.05	49	7.35	82	-0.57	-734
211	325	2.5	6.18	64	7.84	91	-0.89	-581
153	312	1.3	6.96	66	7.81	92	-1.56	-1,225
Annual averages, all farms:								
1937	588	7.0	5.35	54	6.83	81	-1.01	-1,146
1936	548	6.0	3.41	47	9.61	79	1.35	903
1935	552	7.0	5.79	59	9.13	86	-0.10	-248
1934	538	6.0	3.07	52	6.91	85	-0.01	-130

Factors from 28 POTATO accounts, 1937
(Arranged by acres of potatoes)

Farm number	Potatoes grown Acres	Yield per acre Bu.	Cost per acre					Per bushel cost \$	Per bushel value \$	Labor per acre Hours	Return per hour of labor \$	Profit on enter-prise \$
			ferti- lizer \$	spray and dust \$		growing \$						
193	120	319	26	5	83	0.40	0.46	83	0.55	2,326		
267	67	180	7	4	69	0.50	0.40	66	0.09	-1,209		
221	63	174	5	2	57	0.42	0.36	67	0.10	-612		
153	40	62	6	3	61	1.22	0.31	77	-0.44	-2,268		
165	29	244	20	5	86	0.49	0.42	83	0.12	-483		
163	28	214	20	5	82	0.52	0.50	74	0.26	-123		
166	27	187	18	4	69	0.54	0.40	72	-0.02	-709		
146	24	126	7	-	39	0.50	0.36	61	0.08	-429		
284	21	184	13	2	63	0.45	0.44	56	0.32	-30		
186	20 ⁴⁹ 44	207	3	7	89	0.63	0.50	120 ¹⁵⁷ 76	0.11	-571		
130	18	149	6	3	78	0.68	0.24	90	-0.42	-1,170		
160	14	106	15	3	67	0.89	0.46	90	-0.20	-634		
266	12	275	11	4	92	0.44	0.35	114	0.05	-277		
324	10	246	10	4	67	0.42	0.53	100	0.56	270		
211	10	201	6	9	76	0.51	0.37	104	-0.03	-277		
294	8	47	-	-	41	1.27	0.37	68	-0.31	-361		
164	8	90	-	-	63	0.93	0.38	46	-0.70	-423		
155	8	219	7	3	52	0.36	0.36	81	0.21	-15		
344	6 ⁹⁴	281	16	4	152	0.69	0.66	133 ⁸²⁶	0.21	-55		
357	6 ¹⁰	225	10	6	118	0.74	0.47	105 ⁹²	-0.27	-366		
316	6	324	21	8	123	0.52	0.58	152	0.39	117		
188	4	137	4	1	54	0.65	0.43	81	-0.12	-139		
149	4	57	9	1	33	0.86	0.37	58	-0.23	-124		
145	3	143	14	6	109	0.98	0.71	128	0.01	-126		
150	3	127	4	-	34	0.47	0.35	51	0.08	-46		
354	2	62	10	-	44	0.91	0.50	52	-0.22	-51		
330	2 ³²	66	-	-	29	0.59	0.60	43	0.29	2		
285	2 ³⁵	125	14	-	62	0.90	0.43	101 ⁷⁷¹ 85	-0.15	-116		
Averages for 1937, divided into thirds according to acres:												
High	44	212	14	4	71	0.47	0.43	76	0.19	-411		
Middle	11	175	8	3	75	0.59	0.41	92	-0.05	-327		
Low	4	165	11	3	77	0.67	0.51	94	0.02	-94		
Annual averages, all farms:												
1937	20	203	13	4	72	0.50	0.43	80	0.13	-282		
1936	22	171	10	3	61	0.51	0.92	72	1.26	1,511		
1935	22	155	9	2	45	0.44	0.55	72	0.52	389		
1934	21	192	9	3	58	0.42	0.28	80	-0.08	-581		
1933	24	160	10	3	50	0.46	0.72	68	0.88	1,030		

Pota.
page
17

Factors from 24 CABBAGE accounts, 1937
(Arranged by acres of cabbage)

Farm number	Cabbage grown Acres	Yield per acre Tons	Average per acre		Average per ton		Labor per acre Hours	Labor returns		Profit on enterprise
			cost \$	returns \$	net cost \$	value \$		per acre \$	per hour \$	
266	25	23.1	85	341	3.68	14.80	80	277	3.47	6,413
211	23	9.9	80	140	8.06	14.22	65	75	1.16	1,396
170	21	7.6	68	72	9.03	9.55	80	25	0.31	82
221	20	8.8	64	101	7.36	11.56	72	54	0.75	735
153	16	3.1	59	38	18.76	11.98	85	9	0.11	-339
149	11	8.8	60	106	6.80	11.99	100	71	0.71	498
193	11	17.3	138	217	7.96	12.52	116	117	1.00	854
357	10	10.1	86	139	8.39	13.64	97	79	0.81	531
335	10	4.9	77	104	15.59	21.24	125	61	0.49	278
327	10	9.0	49	91	5.47	10.10	96	65	0.68	418
315	10	5.5	62	89	11.27	16.05	83	56	0.68	264
150	10	4.7	37	46	7.91	9.74	40	24	0.60	86
130	9	1.9	36	17	18.74	9.09	37	-7	-0.19	-169
155	8	8.2	51	124	6.26	15.19	64	88	1.38	621
81	7	6.8	59	75	8.78	11.01	101	45	0.45	106
284	7	6.5	82	99	12.58	15.15	64	40	0.62	114
135	6	1.6	59	32	37.30	20.00	66	-1	-0.01	-173
186	5	7.8	59	124	7.62	15.92	97	99	1.02	324
35	5	1.4	40	14	28.86	10.00	43	-12	-0.27	-132
329	4	5.0	71	74	14.39	15.05	102	39	0.38	13
321	3	2.8	50	45	17.76	15.88	84	22	0.26	-16
324	2	7.6	86	99	11.26	12.98	103	43	0.42	33
347	2	12.2	78	202	6.25	15.27	100	150	1.50	261
285	1	1.4	113	34	77.00	21.50	119	-29	-0.24	-111
Averages for 1937, divided into thirds according to acres:										
High	17	11.5	78	152	6.74	13.22	83	97	1.17	1,271
Middle	9	5.9	56	80	9.50	13.58	77	47	0.61	215
Low	4	4.5	63	70	14.02	15.54	82	35	0.43	25
Annual averages, all farms:										
1937	10	8.9	69	120	7.74	13.44	81	74	0.92	504
1936	10	8.7	68	125	7.66	14.26	89	83	0.93	579
1935	10	9.3	73	89	7.83	9.55	105	44	0.42	160
1934	10	7.1	67	47	9.28	6.47	96	5	0.05	-191
1933	11	6.3	56	111	8.81	17.58	80	77	0.96	623

Cabbag
page
18

Factors from 12 CANNING-FACTORY TOMATO accounts, 1937
(Arranged according to acres of tomatoes)

Farm number	Tomatoes grown Acres	Yield per acre Tons	Average		Average		Labor per acre Hours	Labor returns		Profit on enter-prise \$
			per acre	per acre	per ton	per ton		per acre	per hour	
			cost	returns	cost	value		\$	\$	
170	28	13.6	117	192	8.58	14.05	177	129	0.73	2,088
327	15	8.6	74	109	8.61	12.66	133	67	0.51	524
135	12	6.3	71	80	11.28	12.72	94	44	0.46	111
81	10	5.6	84	71	14.96	12.54	127	24	0.19	-137
315	9	12.9	86	171	6.66	13.21	112	125	1.12	761
321	8	7.2	81	92	11.24	12.81	125	52	0.41	85
130	6	13.6	120	176	8.83	12.98	185	116	0.63	338
149	6	7.5	68	92	9.02	12.25	126	56	0.44	138
221	6	4.2	67	56	16.00	13.48	137	18	0.13	-58
357	4	13.4	114	194	8.54	14.54	261	152	0.58	321
35	4	8.8	98	109	11.11	12.39	132	57	0.43	45
335	3	14.4	124	165	8.65	11.46	197	93	0.47	121

Annual averages, all farms:

1937	9	9.9	93	132	9.31	13.27	146	83	0.57	361
1936	10	7.4	84	86	11.35	11.63	138	39	0.28	20
1935	10	7.5	74	88	9.87	11.68	111	41	0.37	129
1934	9	8.6	82	92	9.56	10.70	132	43	0.33	88
1933	9	6.7	78	68	11.78	10.27	124	23	0.18	-92

Factors from 11 CANNING-FACTORY PEAS accounts, 1937
(Arranged according to acres of peas)

Tomato
Peas
page
19

Farm number	Peas grown Acres	Yield of shelled peas Pounds	Average		Average		Labor per acre Hours	Labor returns		Profit on enter-prise \$
			per acre	per acre	per ton	per ton		per acre	per hour	
			cost	returns	cost	value		\$	\$	
153	46	1,923	40	61	42	64	28	30	1.05	979
149	11	1,417	25	45	36	63	8	22	2.67	220
211	10	3,750	50	117	27	63	26	73	2.80	674
130	8	1,421	44	44	61	63	21	7	0.35	7
267	5	1,328	42	43	62	63	18	7	0.40	4
266	4	2,058	55	65	54	63	25	16	0.63	43
294	4	1,470	60	46	83	63	42	-2	-0.04	-57
327	4	709	40	22	114	63	31	-10	-0.34	-72
164	4	1,117	37	35	68	63	14	3	0.21	-10
315	3	167	26	5	312	60	9	-18	-1.89	-63
279	3	783	30	21	75	53	17	-2	-0.14	-26

Annual averages, all farms:

1937	9	1,803	40	57	45	63	24	23	0.99	154
1936	11	823	43	25	102	59	16	-13	-0.78	-202
1935	11	1,779	43	52	47	57	28	15	0.54	96
1934	9	669	38	21	113	61	16	-13	-0.81	-152
1933	12	1,456	34	30	46	42	17	1	0.08	-42

AE-231

Factors from 7 SWEET CORN accounts, 1937
(Arranged by acres of corn)

Farm number	Sweet corn grown	Yield per acre	Average per acre		Average per doz. or ton		Labor per acre	Labor returns		Profit on enterprise
			cost	returns	cost	value		per acre	per hour	

Market sweet corn

	Acres	Dozen	\$	\$	\$	\$	Hours	\$	\$	\$
175	4.0	770	114	144	13	17	50	50	1.00	117
285	2.0	684	108	85	15	12	99	19	0.19	- 46
287	1.0	950	75	142	8	15	88	92	1.05	67

Canning-factory sweet corn

	Acres	Tons	\$	\$	\$	\$	Hours	\$	\$	\$
266	36.5	2.4	30	47	10	17	33	25	0.77	621
357	16.5	1.7	36	34	19	17	39	8	0.21	- 36
267	13.8	3.1	41	49	12	15	34	21	0.60	116
130	8.5	2.0	38	40	16	17	30	12	0.40	23

Annual averages, all farms:

1937	11.8	2.4*	40	51	15	19	37	22	0.58	123
1936	6.0	1.9*	46	48	19	20	50	18	0.36	17
1935	6.0	1.9*	43	40	21	20	51	11	0.21	- 20
1934	3.5	2.3*	53	58	21	24	66	28	0.42	19

* Dozens of ears converted to tons at rate of $\frac{3}{4}$ pound per ear of corn.

S. Corn
Beans
page
20

Factors from 6 DRY BEANS accounts, 1937
(Arranged by acres of beans)

Farm number	Beans grown	Yield per acre	Average per acre		Average per bushel		Labor per acre	Labor returns		Profit on enterprise
			cost	returns	net cost	value		per acre	per hour	

	Acres	Bushels	\$	\$	\$	\$	Hours	\$	\$	\$
221	24	10	37	16	3.61	1.48	32	-13	-0.41	-499
164	23	20	37	55	1.77	2.67	21	26	1.24	406
103	16	30	36	71	1.19	2.34	20	43	2.10	574
266	16	10	34	20	3.33	1.96	35	- 5	-0.13	-205
135	10	10	31	20	3.10	1.96	23	- 2	-0.09	-118
35	8	16	34	30	2.05	1.78	24	4	0.16	- 35

Annual averages, all farms:

1937	16	16	35	37	2.12	2.20	26	10	0.37	20
1936	18	9	31	35	3.13	3.57	27	13	0.46	73
1935	16	11	30	21	2.63	1.83	25	- 1	-0.04	-143
1934	14	14	28	33	1.78	2.12	27	12	0.44	68
1933	14	16	29	24	1.79	1.44	29	2	0.08	- 78

Factors from 20 APPLE accounts, 1937
(Arranged by acres of apples)

Farm number	Orchard 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.	\$	\$	\$	\$	\$	\$
192	90	321	70	32	17	102	0.59	0.55	0.34	-1,132
298	89	127	44	38	9	61	0.75	0.39	0.01	-4,078
296	89	252	58	33	17	88	0.55	0.48	0.25	-1,713
170	76	114	45	17	9	53	0.51	0.16	-0.25	-3,020
340	55	160	44	33	8	63	0.64	0.80	0.60	1,442
315	44	103	43	17	17	63	0.75	0.33	-0.25	-1,967
24	44	246	107	38	8	71	0.52	0.39	0.15	-1,444
329	43	165	79	26	17	86	0.79	0.34	-0.14	-3,189
185	28	99	45	19	16	63	0.88	0.36	-0.38	-1,450
200	28	31	41	73	13	52	2.16	1.44	0.02	-638
321	24	151	24	18	21	50	0.46	0.27	-0.11	-717
169	22	287	71	29	6	64	0.46	0.45	0.29	-110
325	20	206	34	24	6	44	0.45	0.64	0.68	764
81	19	79	60	24	15	58	0.87	0.22	-0.26	-997
345	19	142	24	40	9	41	0.49	0.42	0.15	-171
335	19	49	42	29	10	39	1.00	0.09	-0.39	-847
135	14	70	13	50	3	21	0.51	0.59	0.45	78
327	12	63	32	46	6	33	0.49	0.17	-0.01	-244
150	8	204	37	14	12	54	0.37	0.32	0.26	-91
332	4	116	23	39	6	58	0.78	0.40	-0.17	-173
Averages for 1937, divided into thirds according to acres of apples:										
High	70	196	57	32	12	74	0.60	0.47	0.20	-1,702
Middle	27	150	52	26	14	63	0.66	0.45	0.05	-890
Low	14	95	35	33	9	42	0.60	0.33	-0.01	-349
Annual averages, all farms:										
1937	38	173	53	31	12	67	0.61	0.46	0.16	-985
1936	39	155	40	26	11	56	0.55	0.86	0.79	1,851
1935	36	180	39	27	11	55	0.48	0.50	0.34	137
1934	37	131	39	24	11	55	0.59	0.75	0.52	799
1933	32	244	49	25	12	58	0.42	0.54	0.49	897

Factors from FRUIT accounts, 1937
(Arranged by acres of fruit)

Farm number	Orchard bearing age	Yield per acre	Cost per acre	Re-turns per acre	Net cost per unit	Net value per unit	Labor to grow an acre	Labor returns per acre per hour		Profit on enter-prise
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9 accounts with PEACHES

	Acres	Bushels	\$	\$	\$ per bu.	Hours	\$	\$	\$	
321	14	37	45	40	1.23	1.09	26	11	0.22	- 69
200	9	63	57	56	0.90	0.88	39	19	0.31	- 12
315	8	85	65	68	0.77	0.80	44	33	0.40	21
170	6	28	41	17	1.45	0.60	63	- 3	-0.04	-132
325	4	15	14	28	0.93	1.80	3	17	1.58	53
345	2	120	40	129	0.33	1.08	3	100	2.07	224
81	2	66	82	79	1.25	1.20	42	39	0.28	- 7
298	2	29	47	26	1.61	0.89	7	- 8	-0.24	- 32
335	1	85	112	79	1.32	0.93	23	-14	-0.19	- 33
Averages, all farms:										
1937	5	53	50	51	0.95	0.95	32	20	0.32	1
1936	6	108	57	129	0.52	1.19	24	91	1.45	422
1935	7	156	71	82	0.46	0.53	42	42	0.42	80

11 accounts with PEARS

	Acres	Bushels	\$	\$	\$ per bu.	Hours	\$	\$	\$	
327	12	37	20	30	0.52	0.82	2	16	0.81	132
170	11	29	33	14	1.12	0.48	12	-13	-0.56	-203
298	9	82	120	116	1.47	1.42	71	45	0.35	- 35
315	7	0	10	0	---	0.00	0	-10	0.00	- 69
24	7	61	38	63	0.62	1.04	2	41	0.68	165
325	5	27	18	32	0.69	1.21	4	21	1.07	69
321	2	147	66	84	0.45	0.57	48	54	0.47	34
335	2	18	18	22	1.00	1.19	7	10	0.43	7
296	2	153	133	156	0.87	1.02	66	74	0.50	43
345	2	180	99	289	0.55	1.61	10	213	2.13	343
169	1	188	130	167	0.69	0.89	24	71	0.69	37
Averages, all farms:										
1937	6	52	47	55	0.89	1.05	18	25	0.50	48
1936	4	90	63	65	0.70	0.72	22	25	0.36	8
1935	11	37	40	41	1.09	1.12	11	13	0.32	14

Peaches
Pears
Cherries
page
22

8 accounts with CHERRIES

	Acres	Pounds	\$	\$	¢ per lb.	Hours	\$	\$	\$	
315	7	5,500	111	263	2.0	4.8	20	222	0.91	1,062
298	5	7,599	395	492	5.2	6.5	72	373	0.51	487
170	5	3,035	68	144	2.2	4.7	11	110	0.83	362
335	4	9,594	154	493	1.6	5.1	56	434	1.17	1,426
327	3	2,416	43	108	1.8	4.5	8	92	0.70	195
321	3	3,742	72	175	1.9	4.7	9	150	0.86	309
169	2	5,123	105	277	2.0	5.4	28	228	1.12	414
329	2	13,724	298	1,098	2.2	8.0	45	1,024	1.23	1,601
Averages, all farms:										
1937	4	6,037	157	343	2.6	5.7	32	289	0.85	732
1936	4	5,238	108	229	2.0	4.3	32	183	0.85	458
1935	5	5,921	109	175	1.8	3.0	22	134	0.57	321

Factors from 47 ALFALFA accounts, 1937
(Arranged by acres of alfalfa)

Farm number	Alfalfa per farm Acres	Yield per acre Tons	Average per acre		Average per ton		Labor per acre Hours	Labor returns		Profit on enterprise
			cost	returns	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	
146	57	1.9	19	17	10	9	17	5	0.28	- 92
266	51	3.1	24	27	8	9	12	6	0.50	148
292	50	2.2	20	20	9	9	13	3	0.22	- 12
130	47	2.2	18	21	7	8	15	8	0.51	144
153	40	2.2	18	17	8	8	18	5	0.26	- 43
81	39	1.9	26	12	13	6	19	- 8	-0.44	-532
108	36	1.4	14	13	10	9	4	0	0.05	- 45
221	35	2.7	29	27	11	10	42	8	0.18	- 67
164	33	2.0	16	19	7	8	8	5	0.72	82
327	32	1.3	18	8	13	5	10	- 8	-0.76	-329
196	30	2.1	35	31	15	13	9	- 1	-0.08	-119
306	26	2.5	14	16	6	7	8	4	0.54	59
322	26	2.7	20	27	7	10	11	11	1.03	181
331	25	1.7	27	26	15	15	8	2	0.19	- 21
149	25	0.9	11	10	11	10	5	0	0.06	- 23
357	24	1.3	12	16	8	10	8	5	0.62	74
330	24	1.7	29	18	16	10	9	- 8	-0.89	-259
315	23	2.3	16	21	7	9	12	9	0.76	109
24	21	2.0	19	17	10	9	15	2	0.14	- 40
170	20	3.2	20	23	6	7	14	7	0.53	73
155	20	2.2	16	12	7	6	12	- 1	-0.05	- 71
281	20	3.4	19	39	6	11	17	24	1.41	396
135	18	1.1	20	14	17	12	7	- 3	-0.52	-114
211	18	2.7	24	16	9	6	10	- 6	-0.61	-153
358	18	3.3	32	48	9	14	10	20	1.92	296
150	18	2.3	16	14	7	6	9	1	0.14	- 40
185	16	3.2	31	32	10	10	26	9	0.34	19
355	15	1.6	27	20	17	12	4	- 6	-1.37	-112
344	15	2.8	28	36	10	12	14	11	0.82	111
336	14	2.8	29	59	9	20	12	35	2.81	428
139	14	3.8	25	77	6	20	18	57	3.08	744
335	14	2.6	31	22	11	8	14	- 5	-0.37	-125
332	14	1.1	21	9	18	8	9	- 9	-1.06	-160
163	14	3.2	28	38	9	12	14	14	1.00	137
267	14	1.8	31	11	17	6	14	-15	-1.04	-274
319	13	3.6	28	38	6	9	21	17	0.80	121
166	11	1.8	14	22	8	12	8	10	1.26	83
288	10	1.9	17	20	9	11	11	6	0.53	31
324	10	1.8	16	18	9	10	11	6	0.52	25
321	8	1.9	15	12	8	6	14	2	0.15	- 20
341	8	1.5	10	23	3	12	4	14	3.68	104
35	8	3.9	19	39	5	10	14	25	1.81	154
299	7	2.9	40	45	13	15	23	13	0.57	34
287	7	2.9	20	29	7	10	5	11	2.20	67
188	6	4.0	17	32	4	8	10	18	1.81	90
354	2	2.3	30	43	12	18	20	19	0.95	30
348	2	2.6	19	39	7	15	7	23	3.31	39
Averages for 1937, divided into thirds, according to acres of alfalfa:										
High	36	2.1	20	19	9	9	14	3	0.22	- 37
Middle	18	2.5	23	28	9	11	13	9	0.69	92
Low	9	2.4	23	25	9	10	13	6	0.50	21
Annual average, all farms:										
1937	21	2.2	21	23	9	10	13	5	0.38	24

Alfalfa
page
23

Factors from 54 LEGUMINOUS HAY accounts, 1937
(Arranged by acres of hay)

Farm number	Hay per farm Acres	Yield per acre Tons	Average		Average		Labor per acre Hours	Labor returns		Profit on enter- prise \$
			per acre		per ton			per acre	per hour	
			cost	returns	cost	value				
278	113	1.3	9	9	7	6	3	0	-0.07	-91
188	108	2.1	16	17	7	8	8	3	0.42	141
292	100	1.0	5	5	5	5	7	1	0.20	-25
279	95	2.7	28	28	10	10	13	6	0.43	64
358	74	1.6	22	13	14	8	8	-7	-0.88	-702
336	65	1.4	18	16	11	10	8	2	0.21	-103
341	64	1.1	12	13	9	10	4	2	0.65	74
294	60	0.8	12	8	16	10	6	-3	-0.49	-283
295	55	1.0	20	11	18	9	9	-7	-0.76	-509
351	52	1.3	8	7	6	5	6	0	-0.01	-78
325	52	2.5	16	17	5	6	7	4	0.52	65
160	50	1.9	12	15	6	7	10	6	0.57	131
103	47	1.9	18	17	9	9	9	3	0.30	-46
335	45	1.1	19	5	17	4	10	-11	-1.04	-605
186	44	1.6	21	9	13	6	9	-8	-0.91	-510
155	43	1.4	7	7	5	5	6	2	0.34	26
287	43	2.8	19	25	7	9	5	8	1.45	269
166	42	1.1	10	10	9	9	5	1	0.30	-8
331	41	2.7	17	19	6	7	13	6	0.46	90
139	41	1.4	15	17	11	12	7	3	0.50	66
309	38	2.6	15	19	6	7	9	6	0.70	144
165	37	1.3	14	12	10	9	8	0	0.05	-83
322	36	1.3	12	10	10	8	5	0	0.01	-72
149	32	1.0	9	9	8	8	5	1	0.23	-3
348	31	2.1	23	21	11	10	8	1	0.15	-45
145	30	2.2	21	26	10	12	14	9	0.66	142
200	29	1.2	19	8	16	7	10	-7	-0.75	-304
312	25	2.6	27	39	10	14	13	15	1.17	290
150	23	1.7	15	10	9	6	6	-3	-0.45	-124
310	23	2.0	15	13	7	7	12	3	0.21	-35
343	23	1.6	12	16	8	10	8	5	0.65	80
319	23	1.0	14	9	13	8	8	-2	-0.28	-112
354	22	1.9	31	21	15	10	13	-6	-0.44	-207
345	22	1.1	20	11	18	10	8	-7	-0.89	-196
170	22	2.5	25	13	10	5	9	-10	-1.17	-267
356	20	2.0	41	24	21	12	7	-15	-2.20	-345
24	19	3.2	27	25	8	8	22	4	0.20	-30
284	18	2.5	22	22	8	8	11	4	0.35	-1
169	18	3.1	32	15	10	5	15	-12	-0.78	-292
332	17	1.8	16	14	9	8	11	2	0.14	-25
347	17	3.4	33	36	9	10	12	6	0.45	42
285	15	1.1	18	9	16	8	10	-4	-0.47	-128
163	14	1.7	22	19	13	11	9	0	-0.01	-41
338	11	3.5	26	40	6	10	10	18	1.75	156
35	10	1.7	14	12	8	7	6	0	0.07	-17

Leg. Hay
page
24

Factors from HAY accounts, 1937
(Arranged by acres of hay)

Farm number	Hay per farm Acres	Yield per acre Tons	Average per acre		Average per ton		Labor per acre Hours	Labor returns		Profit on enterprise
			cost	returns	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	\$
Factors from LEGUMINOUS HAY - continued										
281	10	2.7	14	31	5	11	13	20	1.52	169
344	10	2.4	55	21	22	8	12	-31	-2.52	-342
324	9	1.8	22	12	12	7	10	-7	-0.67	-86
316	9	1.1	28	10	24	9	6	-16	-2.71	-154
174	8	3.9	47	27	12	7	25	-13	-0.50	-171
288	8	2.2	17	15	6	5	8	0	0.03	-13
315	8	0.8	10	4	13	5	4	-4	-1.06	-48
193	5	1.0	47	5	45	5	20	-35	-1.70	-199
329	4	1.2	23	6	18	5	8	-14	-1.67	-66
Averages for 1937, divided into thirds according to acres of leguminous hay:										
High	64	1.6	15	13	9	8	7	0	0.05	-122
Middle	29	1.8	18	16	10	9	9	1	0.09	-54
Low	12	2.3	25	20	11	8	12	-2	-0.19	-69
Annual averages, all farms:										
1937	35	1.7	17	15	9	8	8	0	0.02	-82
1936	30	1.4	16	18	11	13	7	4	0.56	55
1935	28	1.8	17	14	9	8	9	-1	-0.07	-88
1934	30	1.4	17	21	12	14	8	6	0.79	123

Factors from 13 TIMOTHY HAY accounts										
343	50	1.7	11	14	6	8	6	4	0.68	151
196	36	1.1	33	13	28	11	18	-13	-0.73	-712
332	31	0.8	6	5	8	6	5	0	0.01	-43
344	26	2.8	42	24	15	8	14	-15	-1.11	-503
355	25	1.6	23	14	14	8	4	-8	-1.86	-234
299	24	2.4	25	30	10	12	10	9	0.86	124
292	21	1.8	16	13	9	7	16	0	0.01	-73
281	20	1.5	16	11	11	8	8	-3	-0.41	-100
312	17	1.8	23	13	12	6	9	-8	-0.83	-175
164	13	2.2	21	17	8	6	6	-1	-0.22	-48
163	10	2.5	17	22	7	9	11	9	0.83	56
321	6	1.7	19	7	11	4	10	-9	-0.93	-74
338	2	4.4	58	49	12	10	14	-4	-0.28	-22
Annual averages, all farms:										
1937	22	1.8	21	15	12	8	10	-3	-0.30	-127
1936	28	1.0	13	11	13	11	6	0	0.03	-46
1935	25	1.3	14	11	10	8	7	-1	-0.16	-81
1934	28	1.1	14	16	13	14	6	3	0.57	47

Timothy
page
25

(Arranged by cost per ton)

Farm number	Silage	Yield	Labor	Labor per acre		Cost	Cost	Cost
	per farm	per acre	per ton	to grow	to harvest	manure per acre	per acre	per ton
	Acres	Tons	Hours	Hours	Hours	\$	\$	\$
188	24	12	1.8	5	17	1	29	2.42
278	10	5	2.6	9	3	-	12	2.67
155	12	8	4.2	9	26	3	39	2.67
221	10	14	3.6	10	40	7	40	2.90
142	20	9	4.2	18	21	-	32	3.00
325	14	15	2.4	16	21	11	47	3.02
288	10	12	2.8	15	19	1	36	3.04
319	9	10	3.8	14	25	2	35	3.11
341	6	9	4.0	17	17	-	28	3.25
284	8	11	2.1	10	12	-	38	3.48
316	10	17	3.2	21	34	10	67	3.49
35	6	11	3.0	11	23	6	39	3.51
309	10	12	2.6	14	16	15	44	3.58
347	8	17	3.1	20	32	13	63	3.59
150	12	12	2.2	6	20	14	43	3.66
330	27	7	2.0	5	8	4	26	3.89
344	20	10	1.8	6	13	2	41	3.94
355	9	16	2.2	7	27	12	62	3.96
324	8	10	2.8	9	20	11	42	4.01
279	25	14	2.9	17	24	13	58	4.07
139	10	13	3.6	18	28	14	54	4.12
164	7	10	2.6	7	19	9	44	4.23
351	8	10	2.9	12	16	16	43	4.26
287	10	10	2.3	6	16	12	41	4.26
186	6	10	3.3	17	18	8	44	4.30
331	8	10	3.0	8	22	16	44	4.40
348	6	13	3.4	17	27	17	57	4.45
292	29	6	4.2	10	14	4	26	4.57
281	17	9	7.8	24	44	20	60	4.75
165	8	9	4.7	15	27	7	44	4.93
163	9	10	5.5	16	39	9	50	4.96
266	13	6	9.7	15	47	7	53	5.08
299	4	19	3.0	28	31	19	98	5.12
145	10	7	7.5	29	25	8	40	5.16
160	6	6	4.8	11	17	3	30	5.23
327	15	3	7.8	8	13	3	21	5.58
169	9	9	5.3	21	27	8	52	5.59
357	8	8	3.5	8	19	11	46	5.84
343	10	4	4.8	10	9	7	25	6.36
196	9	11	3.0	9	25	18	72	6.39
306	12	6	4.3	15	13	11	44	6.79
332	18	7	4.0	6	21	12	46	6.79
335	24	6	7.1	14	29	4	45	6.92
354	8	6	5.1	17	14	2	43	6.98
130	18	5	5.8	13	16	6	36	7.22
322	10	5	5.0	15	10	10	41	8.14
108	17	3	5.2	10	7	8	33	9.11
166	10	7	5.6	17	21	18	63	9.18
358	26	7	4.1	8	22	38	69	9.49
338	6	5	6.9	18	19	18	57	10.54
294	8	4	8.5	14	19	12	42	10.84
356	10	3	6.8	8	11	9	32	10.89
Average, all farms:								
1937	12	9	3.8	12	21	9	43	4.66

G. Silage
page
26

Factors from 20 CORN FOR GRAIN accounts, 1937
(Arranged by acres of corn)

Farm number	Grain per farm Acres	Yield per acre Bushels	Average per acre		Average per bushel		Labor per acre Hours	Labor returns		Profit on enter-prise \$
			cost	returns	cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	
146	11	44	37	31	0.83	0.70	49	13	0.25	- 63
200	10	9	52	15	4.84	0.88	42	-23	-0.56	-364
150	10	46	24	23	0.53	0.50	22	8	0.33	- 11
355	9	45	59	38	1.16	0.70	54	2	0.05	-196
287	9	22	35	22	1.58	1.00	20	- 7	-0.35	-116
332	8	54	52	49	0.88	0.84	39	8	0.22	- 17
135	8	32	36	35	0.69	0.65	36	13	0.35	- 10
288	7	50	31	64	0.34	1.00	40	43	1.07	233
334	7	37	59	51	1.21	0.98	103	31	0.30	- 56
345	5	10	34	12	3.26	1.00	41	-13	-0.32	-113
310	5	54	46	45	0.85	0.84	58	19	0.33	- 4
153	5	45	51	77	1.12	1.70	83	53	0.64	132
330	4	44	29	41	0.53	0.80	31	20	0.65	48
324	4	63	53	63	0.67	0.83	85	33	0.39	36
325	3	58	28	29	0.47	0.50	41	16	0.39	5
336	2	22	54	65	0.50	1.00	41	27	0.66	25
35	2	12	23	8	1.84	0.68	15	-10	-0.63	- 29
319	2	30	48	53	1.04	1.20	73	29	0.40	9
299	1	100	89	95	0.84	0.90	111	46	0.41	6
285	1	75	78	75	1.04	1.00	66	25	0.38	- 3
Averages for 1937, divided into thirds according to acres of grain:										
High	9	37	43	29	1.09	0.72	38	0	0.00	-128
Middle	6	39	41	47	0.85	0.99	56	24	0.43	33
Low	2	48	47	51	0.74	0.81	59	23	0.39	7
Annual averages, all farms:										
1937	6	39	43	38	0.95	0.84	47	12	0.25	- 24
1936	5	33	43	45	1.06	1.13	50	18	0.36	12
1935	4	37	43	36	1.04	0.85	51	7	0.14	- 28
1934	6	22	38	31	1.31	0.96	51	7	0.14	- 43
1933	5	28	38	19	1.28	0.58	60	- 5	-0.10	- 99

Factors from 26 OATS accounts, 1937
(Arranged by acres of oats)

Farm number	Grain	Yield	Average		Average		Labor per acre	Labor returns		Profit on enterprise
	per farm	per acre	per acre		per bushel			per acre	per hour	
	Acres	Bushels	cost	returns	cost	value		Hours		
			\$	\$	\$	\$		\$	\$	\$
332	40	17	22	10	1.21	0.49	12	- 9	-0.70	-492
278	40	13	14	7	0.97	0.40	10	- 5	-0.52	-285
130	36	39	26	16	0.61	0.35	15	- 5	-0.34	-360
221	22	59	27	43	0.38	0.66	19	21	1.12	373
164	19	13	21	9	1.52	0.52	7	-10	-1.34	-235
186	18	40	23	17	0.51	0.38	16	0	0.01	-100
24	16	36	31	16	0.82	0.42	29	- 7	-0.22	-231
355	14	35	29	19	0.74	0.45	16	- 3	-0.19	-140
170	13	32	26	19	0.77	0.54	19	- 2	-0.11	- 95
135	11	25	20	13	0.70	0.40	16	- 1	-0.06	- 83
316	11	38	39	24	0.89	0.47	29	- 8	-0.28	-177
188	11	17	24	11	1.22	0.45	12	-10	-0.86	-143
335	10	47	44	26	0.90	0.50	27	-11	-0.43	-177
345	9	16	28	7	1.68	0.45	19	-16	-0.82	-181
165	9	31	27	15	0.80	0.40	16	- 7	-0.47	-111
348	9	35	29	35	0.61	0.77	13	10	0.74	46
174	7	30	38	16	1.19	0.45	20	-16	-0.78	-158
211	7	26	29	12	1.02	0.35	8	-15	-2.04	-120
139	7	36	33	32	0.62	0.60	19	4	0.22	- 4
347	6	41	48	34	0.84	0.50	30	- 7	-0.23	- 80
321	6	21	21	6	0.99	0.30	21	- 8	-0.38	- 80
166	5	27	26	27	0.65	0.70	23	9	0.39	6
299	4	17	42	15	2.09	0.49	33	-15	-0.46	-120
200	4	19	22	8	1.12	0.40	12	- 9	-0.76	- 60
343	4	17	26	11	1.30	0.48	14	-11	-0.80	- 57
163	2	45	35	23	0.72	0.46	20	- 6	-0.30	- 24

Averages for 1937, divided into thirds according to acres of oats:

High	24	29	23	16	0.72	0.47	15	- 3	-0.19	-174
Middle	9	29	31	17	0.93	0.48	18	- 8	-0.44	-123
Low	5	28	31	20	0.91	0.51	22	- 5	-0.21	- 52

Annual averages, all farms:

1937	13	29	26	17	0.80	0.48	16	- 4	-0.26	-119
1936	15	24	23	20	0.82	0.67	13	1	0.04	- 52
1935	14	35	22	16	0.56	0.38	15	- 2	-0.14	- 85
1934	14	35	22	24	0.51	0.58	13	6	0.43	31
1933	14	25	20	18	0.70	0.58	14	1	0.09	- 38

Factors from 31 MIXED SPRING GRAIN accounts 1937
(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				
\$	\$	\$	\$	\$	\$					
292	63	20	19	12	0.86	0.50	16	- 3	-0.21	-443
279	35	41	33	30	0.68	0.60	19	4	0.20	-117
149	34	16	13	9	0.77	0.50	8	- 2	-0.25	-143
150	26	37	28	20	0.74	0.50	15	- 3	-0.18	-224
155	23	26	23	13	0.77	0.40	14	- 6	-0.45	-223
344	20	25	37	24	1.26	0.75	16	- 8	-0.52	-266
309	20	24	27	16	0.99	0.55	17	- 6	-0.33	-211
325	18	31	30	20	0.87	0.56	17	- 3	-0.20	-170
330	17	13	19	11	1.25	0.60	10	- 6	-0.62	-141
200	16	10	23	6	2.14	0.50	10	-14	-1.36	-274
324	14	12	19	9	1.42	0.60	11	- 7	-0.60	-138
108	13	18	30	13	1.45	0.52	15	-11	-0.70	-222
81	13	42	35	24	0.77	0.50	25	- 4	-0.15	-144
351	13	20	23	17	0.99	0.70	12	- 3	-0.24	- 75
284	13	48	30	29	0.56	0.52	15	4	0.25	- 21
288	12	45	30	23	0.56	0.40	17	- 3	-0.19	- 92
35	12	27	24	15	0.80	0.50	13	- 4	-0.27	-101
294	12	27	30	21	0.98	0.65	17	- 4	-0.21	-107
306	12	38	31	27	0.58	0.50	21	2	0.10	- 38
163	11	35	22	18	0.58	0.45	11	- 1	-0.09	- 52
281	11	35	39	26	1.07	0.71	23	- 7	-0.32	-141
356	10	26	38	18	1.37	0.60	16	-14	-0.85	-205
164	10	15	18	10	1.08	0.55	8	- 5	-0.67	- 76
287	9	22	31	18	1.18	0.60	12	- 9	-0.80	-116
319	9	17	28	14	1.40	0.65	15	- 8	-0.55	-114
322	8	21	28	16	1.13	0.60	10	- 7	-0.72	- 96
315	7	27	15	20	0.41	0.60	12	9	0.80	36
169	7	26	31	20	1.07	0.65	15	- 6	-0.42	- 78
354	6	20	30	24	1.07	0.78	20	- 2	-0.11	- 35
312	6	22	33	14	1.27	0.40	14	-15	-1.13	-109
160	5	14	18	11	0.97	0.51	12	- 3	-0.23	- 35

Averages for 1937, divided into thirds according to acres of grain:

High	27	25	24	16	0.88	0.54	15	- 4	-0.26	-221
Middle	12	31	28	20	0.80	0.53	16	- 3	-0.21	-103
Low	8	21	27	17	1.11	0.60	13	- 7	-0.49	- 83

Annual averages, all farms:

1937	16	26	26	17	0.88	0.55	15	- 4	-0.28	-135
1936	16	20	24	18	1.02	0.73	14	- 2	-0.13	- 92
1935	15	34	25	19	0.65	0.47	17	- 1	-0.09	- 92
1934	16	31	24	25	0.60	0.65	15	5	0.37	23

Mixed
spring
grain
page
29

Factors from 9 BARLEY accounts, 1937
(Arranged by acres of barley)

Farm number	Grain per farm Acres	Yield per acre Bushels	Average		Average		Labor per acre Hours	Labor returns		Profit on enter- prise \$
			per acre cost	returns	per bushel cost	value		per acre	per hour	
			\$	\$	\$	\$		\$	\$	
221	28	30	29	26	0.93	0.91	13	2	0.18	- 20
188	28	21	25	20	0.99	0.75	10	- 3	-0.26	-141
155	17	31	23	21	0.71	0.65	16	2	0.11	- 34
135	14	24	26	21	1.03	0.81	16	1	0.09	- 69
331	13	32	37	33	1.00	0.90	15	1	0.08	- 39
146	11	22	21	13	0.95	0.60	7	- 5	-0.70	- 85
170	6	11	43	17	3.60	1.25	20	-20	-0.99	-141
310	5	45	32	42	0.60	0.82	24	18	0.73	48
163	3	23	23	16	0.88	0.60	18	- 1	-0.04	- 19
Annual averages, all farms:										
1937	14	26	28	24	0.95	0.80	14	0	-0.01	- 56
1936	13	17	22	20	1.17	1.07	13	2	0.15	- 22
1935	13	23	21	15	0.87	0.57	14	- 3	-0.24	- 85
1934	12	23	20	23	0.88	0.84	13	6	0.49	37
1933	11	21	25	18	1.05	0.75	14	- 2	-0.17	- 68

The following percentages of the small grains were seeded down in 1937: oats 70 per cent, mixed spring grain 67 per cent, barley 79 per cent, and wheat 61 per cent. Some new seedings were made with other grains and with canning-factory peas. Only 66 acres were seeded down with no nurse crop.

The grain or other nurse crop was charged with the cost of preparing the seed bed, the cost of drilling, the use of land and the estimated proportion of the fertilizer used by it. Seedings made with nurse crops cost an average of \$6.71 per acre as compared with \$25.71 per acre for seedings with no nurse crop.

See Extension Bulletin No. 395 for a more detailed discussion of the distribution of costs between grain and hay.

Factors from 28 WHEAT accounts, 1937
(Arranged by acres of wheat)

Farm number	Grain	Yield	Average		Average		Labor per acre	Labor returns		Profit on enterprise
	per farm	per acre	per acre	returns	per bushel	value		per acre	per hour	
	Acres	Bushels	\$	\$	\$	\$	Hours	\$	\$	\$
267	51	32	27	37	0.79	1.10	9	13	1.41	506
193	50	32	26	37	0.65	1.00	12	15	1.25	560
146	46	24	19	24	0.74	0.93	8	8	0.93	210
221	42	33	27	33	0.76	0.94	11	9	0.78	256
327	38	32	27	37	0.77	1.10	23	16	0.70	398
103	33	18	32	26	1.34	1.00	19	1	0.07	-205
130	32	32	33	36	0.94	1.04	23	10	0.46	108
153	28	32	19	30	0.56	0.89	16	16	1.03	302
150	28	33	38	46	1.04	1.29	23	17	0.77	233
211	28	30	24	31	0.68	0.92	11	10	0.85	198
335	25	28	24	30	0.77	0.99	15	10	0.70	154
309	22	33	26	40	0.57	0.98	18	18	1.03	302
186	19	37	50	36	1.28	0.90	22	-7	-0.31	-269
24	14	29	36	27	1.16	0.84	38	1	0.03	-128
164	12	26	30	35	0.82	1.01	15	10	0.71	57
324	10	24	28	31	0.91	1.05	17	8	0.49	35
149	10	31	17	34	0.49	1.02	13	19	1.50	158
294	10	6	28	7	4.26	0.90	15	-17	-1.10	-205
35	9	23	24	29	0.83	1.05	12	9	0.75	45
330	8	28	30	38	0.90	1.17	12	11	0.88	61
288	8	31	33	36	0.90	1.00	22	9	0.42	26
155	8	38	26	45	0.50	0.98	17	23	1.35	149
266	8	42	43	49	0.92	1.06	24	12	0.49	43
356	5	20	81	30	3.50	1.00	21	-42	-1.98	-253
165	4	25	27	37	0.95	1.35	17	15	0.93	42
174	4	26	47	37	1.71	1.32	16	-6	-0.37	-41
108	4	31	31	49	0.94	1.50	22	26	1.21	71
347	1	0	35	0	0.00	0.00	15	-32	-2.05	-45

Averages for 1937, divided into thirds according to acres of wheat:

High	38	30	27	34	0.80	1.03	15	12	0.78	257
Middle	15	28	30	31	0.92	0.96	19	7	0.36	17
Low	6	31	38	39	1.09	1.12	19	7	0.35	6

Annual averages, all farms:

1937	20	29	29	34	0.85	1.02	16	10	0.62	99
1936	17	24	26	32	0.90	1.16	15	11	0.74	109
1935	17	28	24	26	0.76	0.82	15	6	0.39	27
1934	16	21	22	24	0.91	0.98	13	5	0.40	24
1933	17	25	23	26	0.80	0.90	14	7	0.48	45