

COSTS AND RETURNS

FOR

FEED CROPS

New York Cost Account Farms

1914 - 50

James S. Holderness

Department of Agricultural Economics  
Cornell University Agricultural Experiment Station  
New York State College of Agriculture  
Cornell University, Ithaca, New York

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## COSTS AND RETURNS FOR FEED CROPS

About 80 per cent of New York's 5,792,000 acres of harvested cropland are used for five feed crops (Table 1). Hay is grown on about 55 per cent of this area and is by far the most important crop. Oats are grown on the second largest portion of harvested cropland, covering 10 per cent, or nearly twice the acreage of any other small grain crop.

TABLE 1. HARVESTED ACREAGE OF HAY, GRAIN, AND CORN SILAGE  
New York State, 1939 and 1949

Crop harvested	1939		1949	
	Thousands of acres	Per cent	Thousands of acres	Per cent
Hay	3,655	55.5	3,196	55.2
Oats	626	9.5	564	9.7
Corn Silage	433	6.6	437	7.5
Wheat	270	4.1	385	6.6
Corn Grain	188	2.9	163	2.8
Total	5,172	78.6	4,745	81.8
Acreage of cropland harvested	6,581	100.0	5,792	100.0

Source: U. S. Census

Corn silage is cut from 7 per cent of the harvested cropland. This is at a ratio of 1 acre of corn silage for every 9 acres of hay. Corn harvested for grain is grown on 3 per cent of the cropland. This is at a ratio of 1 acre of corn for grain for every 2 acres of corn harvested for silage.

A comparison of feed crop acreages for 1939 and 1949 shows no radical change in the production pattern for the 1940's. The acreage of wheat had increased by 115,000 acres during the 10-year period and occupied about 7 per cent of the land in 1949 as compared to 4 per cent in 1939. The percentage of cropland being used for corn silage and corn harvested for grain had also increased. The acreage and proportion of cropland kept in hay had decreased very slightly. High returns for wheat and corn for grain, and heavier demands for corn silage for dairy feed, were responsible for the changes in the production pattern.

From the standpoint of digestible nutrients, the production changes from 1939 to 1949 mean increased yields from the cropland growing feeds. Corn silage is the heaviest producer of total digestible

nutrients grown, producing almost 2 tons of digestible nutrients per acre (Table 2). This is almost twice the quantity produced by any other crop. Corn for grain makes the second greatest yield of digestible nutrients, commonly about a ton per acre. The three small grains--wheat, barley, and oats--rank in productive capacity in that order. Oats produces the least digestible nutrients of any of the principal feed crops.

TABLE 2 RELATIVE IMPORTANCE AND YIELDS OF TOTAL DIGESTIBLE NUTRIENTS FOR HAY, GRAIN, AND CORN SILAGE  
New York State and Cost Account Farms, 1949

Item	New York State Farms	Cost Account Farms
Acres of cropland	8,484,763	4,790
Per cent of total cropland in:		
Hay	38.1	31.4
Oats	6.7	11.3
Wheat	4.5	12.2
Corn silage	5.4	7.2
Corn for grain	1.9	5.8
Barley	0.3	0.6
Total	56.9	68.5
Pounds of digestible nutrients per acre		
Corn silage	3,852	3,740
Corn for grain	1,986	2,031
Hay	1,219	1,632
Wheat	1,404	1,605
Barley	944	944
Oats	664	618

Source: Acreages from preliminary census, 1950; yields from U.S.D.A. "Agricultural Statistics," 1950.

Hay is grown on a smaller proportion of the cropland on Cost Account farms than in the State as a whole (Table 2). The small grains, corn for grain, and corn silage occupy greater acreages. This means that production of total digestible nutrients per acre is somewhat higher for the Cost Account Farms than for New York Farms in general.

The tables which follow present the costs and returns in producing feed crops on New York Cost Account Farms in each year since 1914.

COSTS AND RETURNS FOR WHEAT ON  
NEW YORK COST ACCOUNT FARMS  
1914-1950

Table 1.

Year	Number of accounts	Total acres	Acres per farm	Per acre			
				Bushels yield	Man hours	Horse hours	Tractor hours
1914	10	124.2	12.4	22	22	35	0.0
1915	30	426.5	14.2	29	24	35	0.0
1916	20	232.0	11.6	24	22	32	0.3
1917	18	273.5	15.2	23	24	39	0.0
1918	16	248.9	15.6	20	25	40	0.3
1919	24	358.2	14.9	19	24	35	1.0
1920	19	282.9	14.9	26	22	28	2.0
1921	21	278.3	13.3	21	20	24	2.0
1922	12	216.6	18.0	20	21	29	2.0
1923	14	227.1	16.2	25	22	22	3.0
1924	15	280.0	18.7	18	20	24	3.0
1925	15	252.5	16.8	24	18	15	4.0
1926	14	203.0	14.5	27	18	21	2.0
1927	18	218.9	12.2	26	19	19	3.0
1928	50	968.1	19.4	16	15	16	3.0
1929	44	1062.8	24.2	18	14	12	3.0
1930	41	813.2	19.8	26	13	11	3.0
1931	33	615.4	18.6	35	15	9	3.0
1932	20	366.1	18.3	28	12	7	3.0
1933	26	452.7	17.4	25	14	11	3.0
1934	39	615.6	15.8	22	14	13	3.0
1935	35	581.9	16.6	28	15	11	3.0
1936	29	502.8	17.3	24	15	9	4.0
1937	28	556.1	19.9	29	16	10	4.0
1938	27	549.8	20.4	33	16	8	4.0
1939	32	561.7	17.6	31	13	6	4.0
1940	39	764.4	19.6	33	12	4	4.0
1941	32	621.4	19.4	27	10	3	4.0
1942	34	561.3	16.5	30	12	3	5.0
1943	27	463.8	17.8	20	10	2	5.0
1944	32	634.7	19.8	27	13	2	7.0
1945	24	533.5	22.2	33	12	2	6.0
1946	14	323.1	23.1	32	10	1	6.0
1947	26	729.1	28.0	28	10	1	6.0
1948	28	696.7	24.9	28	9	1	6.0
1949	23	583.2	25.4	32	9	0.25	6.0
1950	28	869.9	31.1	31	10	0.03	6.0
1951	2						

*Wheat*

COSTS AND RETURNS FOR WHEAT  
(continued)

Table 1.

Bushels of seed	Per acre		Average costs per acre				Year
	Pounds of fertilizer	Tons of manure	Grow	Harvest	Store and sell	Total	
			\$	\$	\$	\$	
1.9	160	1.3					1914
1.9	142	1.3					1915
2.1	222	1.8					1916
2.1	212	1.7					1917
2.1	215	2.2					1918
2.2	188	2.1					1919
2.2	196	1.9					1920
2.1	224	1.3					1921
2.2	197	1.5					1922
2.1	214	1.5					1923
2.1	172	1.1					1924
1.9	200	1.7					1925
2.0	192	1.8					1926
2.1	180	*	28.16	8.29	2.97	39.42	1927
2.2	209	*	27.43	6.80	1.74	35.97	1928
2.0	214	*	25.55	6.76	1.48	33.79	1929
2.1	186	*	23.41	7.27	2.33	33.01	1930
2.2	208	1.3	20.89	8.90	2.19	31.98	1931
2.2	97	*	16.12	5.59	2.48	24.19	1932
2.1	141	*	15.10	5.98	2.38	23.46	1933
2.2	187	1.0	15.97	4.93	1.48	22.38	1934
2.2	140	1.5	16.40	6.07	1.70	24.17	1935
2.1	137	1.6	17.20	6.10	2.56	25.86	1936
2.2	215	1.7	19.03	6.73	2.87	28.63	1937
2.2	196	1.5	18.67	6.12	2.99	27.78	1938
2.0	146	1.2	16.35	5.46	2.41	24.22	1939
2.1	119	1.3	15.28	5.79	2.37	23.44	1940
2.1	183	1.8	17.39	5.56	2.06	25.01	1941
2.1	138	1.4	17.31	8.12	1.96	27.39	1942
1.8	152	1.3	17.24	6.56	2.27	26.07	1943
2.0	252	1.4	23.21	10.18	2.21	35.60	1944
1.9	255	1.3	23.96	10.43	2.14	36.53	1945
2.0	184	1.2	24.24	7.68	2.17	34.09	1946
1.8	252	1.0	25.52	9.68	2.38	37.58	1947
2.0	349	1.1	32.47	10.72	2.94	46.13	1948
2.0	280	1.4	31.47	13.03	3.03	47.53	1949
1.9	385	1.2	31.00	13.38	3.56	47.94	1950

\*Tons of manure not available.

COSTS AND RETURNS FOR WHEAT

(continued)

Table 1.

(read across both pages)

Year	Average costs per acre								
	Land	Labor	Horse work	Tractor work	Equip-ment	Custom work	Ferti-lizer	Manure	Seed and treatment
	\$	\$	\$	\$	\$	\$	\$	\$	\$
1914	5.48	5.44	5.47	0.00	1.72	0.97	1.61	4.04	1.78
1915	5.06	6.22	5.51	0.00	1.67	1.36	1.55	2.63	2.20
1916	6.30	6.20	5.01	0.30	1.44	1.15	2.54	3.78	2.44
1917	6.03	8.07	6.74	0.00	2.13	1.58	2.82	4.31	3.43
1918	7.36	9.34	8.15	0.34	2.42	1.46	3.01	6.09	4.53
1919	6.76	9.88	8.52	1.81	3.32	1.64	3.18	5.91	5.16
1920	8.26	9.96	6.85	3.70	3.02	2.32	3.17	5.46	4.97
1921	10.14	8.20	4.51	5.72	2.66	1.29	4.64	4.21	5.93
1922	8.53	8.34	5.39	3.68	3.10	1.67	3.35	4.03	2.69
1923	8.62	8.79	3.83	4.86	2.99	1.87	2.99	4.22	2.59
1924	9.43	8.45	4.42	2.80	3.65	1.05	2.95	3.38	2.27
1925	9.69	7.15	2.42	3.88	1.77	2.07	3.26	4.39	3.05
1926	7.36	8.69	3.41	1.98	2.89	2.42	2.75	5.60	3.74
1927	6.09	8.31	3.31	3.03	2.57	1.74	2.61	5.71	3.04
1928	5.55	6.84	3.05	3.97	2.28	1.37	2.57	4.69	3.02
1929	5.47	6.26	2.66	4.04	1.95	1.61	2.87	3.66	2.98
1930	5.96	5.87	2.23	3.05	2.19	2.15	2.61	3.10	3.21
1931	5.21	6.08	1.86	2.34	2.50	2.37	3.10	3.25	2.23
1932	4.99	4.45	1.09	2.12	1.95	1.68	1.18	2.77	1.37
1933	4.57	4.41	1.51	1.72	1.82	1.88	1.33	2.40	1.39
1934	4.34	3.83	1.74	1.75	1.73	1.17	1.58	1.70	2.22
1935	4.64	4.36	1.63	1.89	1.80	1.56	1.33	2.38	2.31
1936	4.56	4.58	1.58	2.13	1.85	1.49	1.70	3.07	1.93
1937	4.68	4.98	1.76	1.95	1.77	2.21	2.67	3.16	2.73
1938	4.69	4.97	1.37	2.02	2.34	1.83	2.64	2.83	2.70
1939	4.48	3.98	1.09	2.00	2.30	1.78	2.04	2.31	1.74
1940	4.15	3.85	0.95	1.92	2.32	1.83	1.65	2.42	2.06
1941	3.86	3.49	0.70	2.22	2.80	1.46	2.73	3.39	1.94
1942	4.40	4.91	0.77	2.48	2.69	1.95	2.20	2.80	2.34
1943	3.91	4.90	0.69	2.24	2.84	1.78	2.00	2.90	2.44
1944	4.03	7.53	0.83	3.10	3.20	2.57	4.01	3.25	3.69
1945	4.47	7.95	0.69	2.96	3.59	2.29	4.36	3.21	3.60
1946	4.82	7.89	0.34	2.92	3.91	1.18	3.28	3.02	3.55
1947	4.70	7.82	0.31	2.91	3.77	2.31	5.66	2.88	3.98
1948	6.53	8.22	0.24	3.75	4.62	2.68	7.52	3.20	5.34
1949	5.25	8.35	0.13	3.73	7.10	3.38	6.26	4.18	4.84
1950	5.36	9.26	0.03	4.22	7.34	2.70	6.28	3.80	4.41

Wheat

COSTS AND RETURNS FOR WHEAT

(continued)

(read across both pages)

Table 1.

Average costs per acre			Average returns per acre			Gain per acre	Labor return per acre	Year
Use of buildings	Other costs	Total cost	Grain	Straw and aftermath	Total returns			
\$	\$	\$	\$	\$	\$	\$	\$	
1.13	1.11	28.75	25.89	3.96	29.85	1.10	6.54	1914
0.98	1.34	28.52	29.07	5.25	34.32	5.80	12.02	1915
0.94	1.34	31.44	38.25	4.30	42.55	11.11	17.31	1916
0.86	1.98	37.95	47.40	4.72	52.12	14.17	22.24	1917
0.98	1.63	34.54	36.67	4.53	41.20	6.66	13.71	1918
1.02	2.21	49.41	40.98	5.77	46.75	-2.66	7.22	1919
1.10	2.45	51.26	53.66	5.61	59.27	8.01	17.97	1920
1.72	2.48	51.50	24.96	4.86	29.82	-21.68	-13.48	1921
1.05	1.86	43.69	24.27	4.08	28.35	-15.34	-7.00	1922
0.90	2.13	43.79	25.58	4.92	30.50	-13.29	-4.50	1923
1.09	1.86	41.35	28.26	3.84	32.10	-9.25	-0.80	1924
0.63	1.90	40.21	39.84	3.61	43.45	3.24	10.39	1925
1.59	1.76	42.19	38.42	3.84	42.26	0.07	8.76	1926
1.12	1.89	39.42	33.33	3.25	36.58	-2.84	5.47	1927
0.86	1.77	35.97	20.98	3.06	24.04	-11.93	-5.09	1928
0.62	1.67	33.79	23.58	2.73	26.31	-7.48	-1.22	1929
0.94	1.70	33.01	22.55	3.20	25.75	-7.26	-1.39	1930
1.31	1.73	31.98	17.96	3.07	21.03	-10.95	-4.87	1931
1.14	1.45	24.19	15.12	3.05	18.17	-6.02	-1.57	1932
1.01	1.42	23.46	22.47	3.55	26.02	2.56	6.97	1933
0.91	1.41	22.38	20.38	3.51	23.89	1.51	5.34	1934
0.92	1.35	24.17	22.62	3.17	25.79	1.62	5.98	1935
1.22	1.75	25.86	27.74	4.41	32.15	6.29	10.87	1936
1.16	1.56	28.63	30.06	3.55	33.61	4.98	9.96	1937
1.00	1.39	27.78	23.18	3.02	26.20	-1.58	3.40	1938
1.00	1.50	24.22	26.22	3.38	29.60	5.38	9.36	1939
0.84	1.45	23.44	26.59	3.00	29.59	6.15	10.00	1940
1.00	1.42	25.01	28.67	3.62	32.29	7.28	10.77	1941
0.98	1.87	27.39	36.58	4.82	41.40	14.01	18.92	1942
0.76	1.61	26.07	31.81	6.44	38.25	12.18	17.08	1943
1.09	2.30	35.60	44.85	7.16	52.01	16.41	23.94	1944
1.03	2.38	36.53	53.88	5.61	59.49	22.96	30.91	1945
0.65	2.53	34.09	68.78	2.60	71.38	37.29	45.18	1946
0.54	2.70	37.58	67.54	4.40	71.94	34.36	42.18	1947
1.21	2.82	46.13	56.99	4.52	61.51	15.38	23.60	1948
1.65	2.66	47.53	61.64	6.16	67.80	20.27	28.62	1949
1.99	2.55	47.94	63.62	6.88	70.50	22.56	31.82	1950

COSTS AND RETURNS FOR OATS ON  
NEW YORK COST ACCOUNT FARMS  
1914-1950

Table 2.

Year	Number of accounts	Total acres	Acres per farm	Per acre			
				Bushels yield	Man hours	Horse hours	Tractor hours
1914	13	195.6	15.0	27	19	28	0.00
1915	41	564.8	13.8	44	26	33	0.01
1916	23	327.4	14.2	24	19	30	0.00
1917	24	364.9	15.2	35	21	31	0.00
1918	28	418.1	14.9	48	24	32	0.20
1919	30	363.9	12.1	26	20	29	0.20
1920	29	362.4	12.5	42	20	25	1.20
1921	21	291.9	13.9	25	20	28	0.80
1922	20	262.6	13.1	27	21	30	0.70
1923	19	250.8	13.2	35	18	25	1.30
1924	22	279.4	12.7	41	18	23	2.00
1925	15	169.7	11.3	47	19	22	2.00
1926	12	138.4	11.5	41	19	20	3.00
1927	24	230.4	9.6	48	21	23	2.00
1928	32	423.3	13.2	39	16	16	2.00
1929	25	344.8	13.8	22	14	12	3.00
1930	25	387.1	15.5	54	18	16	2.00
1931	24	387.7	16.2	31	14	13	2.00
1932	18	244.8	13.6	32	14	12	2.00
1933	23	315.4	13.7	25	14	15	2.00
1934	29	414.0	14.3	35	13	12	2.00
1935	29	392.4	13.5	35	15	12	3.00
1936	25	369.0	14.8	24	13	12	3.00
1937	26	340.1	13.1	29	16	12	3.00
1938	26	386.6	14.9	39	16	12	3.00
1939	29	451.6	15.6	38	14	9	4.00
1940	29	427.1	14.7	42	15	10	4.00
1941	30	449.7	15.0	34	12	6	4.00
1942	26	435.3	16.7	41	13	6	4.00
1943	18	237.7	13.2	18	11	4	4.00
1944	26	339.5	13.1	33	12	4	5.00
1945	18	354.2	14.1	33	11	3	5.00
1946	25	459.9	18.4	46	12	3	5.00
1947	15	242.5	16.2	33	9	1	5.00
1948	24	397.8	16.6	41	10	1	6.00
1949	28	539.9	19.3	27	7	0.5	5.00
1950	31	485.4	15.7	47	8	0.5	5.00



*Oats*

COSTS AND RETURNS FOR OATS  
(continued)

Table 2.

Bushels of seed	Per acre		Average costs per acre				Year
	Pounds of fertilizer	Tons of manure	Grow	Harvest	Store and sell	Total	
			\$	\$	\$	\$	
2.3	149	1.9					1914
2.6	138	1.9					1915
2.6	122	2.4					1916
2.4	203	2.1					1917
2.4	170	2.0					1918
2.5	148	2.5					1919
2.5	126	1.9					1920
2.4	98	2.0					1921
2.5	180	2.1					1922
2.1	121	1.7					1923
2.4	157	2.4					1924
2.4	88	2.6					1925
2.4	160	2.1					1926
2.3	136	*	24.57	10.01	3.41	37.99	1927
2.3	167	*	22.12	8.88	3.91	34.91	1928
2.3	154	*	24.47	5.69	2.79	32.95	1929
2.1	158	*	22.99	10.76	3.00	36.75	1930
2.2	92	1.7	17.07	6.70	2.15	25.92	1931
2.2	79	*	15.67	6.15	2.26	24.08	1932
2.4	85	*	13.34	5.08	2.02	20.44	1933
2.4	114	1.7	14.48	5.32	2.10	21.90	1934
2.4	73	2.4	14.51	6.22	1.55	22.28	1935
2.3	157	1.9	16.22	4.95	1.89	23.06	1936
2.3	174	1.6	17.46	6.50	1.84	25.80	1937
2.2	111	2.1	16.58	6.18	1.98	24.74	1938
2.2	113	1.9	15.06	5.65	2.24	22.95	1939
2.1	104	1.9	16.03	6.60	2.13	24.76	1940
1.9	224	2.4	17.22	6.81	2.01	26.04	1941
2.4	129	2.0	18.14	8.24	2.66	29.04	1942
2.4	129	2.2	21.25	7.17	2.19	30.61	1943
2.2	199	2.5	23.85	9.04	1.89	34.78	1944
2.3	217	2.1	25.78	9.47	2.32	37.57	1945
2.1	234	2.6	27.90	10.80	2.82	41.52	1946
2.2	261	2.4	29.86	12.04	3.63	45.53	1947
1.7	226	2.7	34.46	10.47	2.69	47.62	1948
2.1	260	2.0	30.23	7.43	2.00	39.66	1949
2.3	368	2.5	34.20	9.98	3.79	47.97	1950

\*Tons of manure not available.

COSTS AND RETURNS FOR OATS

(continued)

Table 2.

(read across both pages)

Year	Average costs per acre								
	Land	Labor	Horse work	Tractor work	Equip-ment	Custom work	Ferti-lizer	Manure	Seed and treatment
	\$	\$	\$	\$	\$	\$	\$	\$	\$
1914	4.86	4.80	4.48	0.00	1.39	0.82	2.18	4.39	1.15
1915	4.06	6.76	5.15	0.01	1.49	1.33	1.45	3.73	1.67
1916	4.73	5.67	4.96	0.00	1.46	0.87	2.03	4.95	1.55
1917	4.72	7.36	5.83	0.00	1.69	1.64	2.51	5.10	2.16
1918	6.26	9.60	6.99	0.28	2.16	2.50	2.61	5.49	2.52
1919	5.18	8.53	7.13	0.96	2.31	1.56	2.88	8.04	2.05
1920	6.74	8.90	5.69	1.76	2.45	2.54	2.67	5.74	3.06
1921	5.64	7.80	4.98	2.52	2.37	1.67	1.90	5.25	1.55
1922	5.11	8.36	4.52	2.25	2.63	1.45	3.57	4.96	1.54
1923	4.87	6.74	4.20	1.41	2.30	1.43	1.58	4.09	1.52
1924	5.31	7.27	4.30	1.80	2.34	1.76	2.13	6.00	1.66
1925	5.68	7.91	3.83	1.67	2.32	2.48	1.36	6.40	1.51
1926	5.14	7.82	3.66	2.76	2.75	2.35	2.34	6.10	1.97
1927	5.47	9.13	4.04	2.72	3.34 <sup>1/</sup>	2.19	1.64	4.55 <sup>2/</sup>	1.59
1928	4.90	6.94	3.06	2.70	2.45 <sup>1/</sup>	2.44	1.90	4.71 <sup>2/</sup>	2.21
1929	5.32	6.03	2.57	3.19	2.07 <sup>1/</sup>	1.53	2.23	5.51 <sup>2/</sup>	1.95
1930	4.90	7.84	2.95	2.97	2.40 <sup>1/</sup>	2.86	1.89	5.45 <sup>2/</sup>	2.18
1931	3.66	5.09	2.25	1.59	2.53	1.42	0.97	4.49	1.17
1932	3.98	4.56	1.96	1.71	2.81	1.04	0.87	3.65	1.04
1933	3.70	4.09	1.86	1.48	2.04	1.36	0.70	1.92	1.10
1934	3.74	3.64	2.21	1.33	1.72	1.25	1.21	2.84	1.43
1935	3.69	4.26	2.10	1.59	1.77	1.29	0.69	3.46	1.53
1936	4.14	4.04	2.30	1.64	1.86	0.84	1.49	3.44	1.17
1937	4.17	4.75	2.36	1.87	2.29	1.29	2.04	3.09	1.92
1938	3.75	4.65	2.15	1.53	2.12	1.47	1.35	4.11	1.46
1939	3.51	3.93	1.67	1.82	1.62	1.61	1.25	3.81	1.24
1940	3.44	4.43	2.01	1.81	2.40	2.01	1.38	3.66	1.37
1941	3.59	4.25	1.72	1.90	3.07	1.31	1.64	4.45	1.46
1942	3.52	5.43	1.64	2.36	3.52	2.34	1.76	4.02	1.75
1943	4.85	5.59	1.10	2.18	3.60	1.08	1.67	4.97	2.57
1944	4.18	6.92	1.69	2.73	3.85	1.35	2.74	5.96	2.86
1945	4.82	7.27	1.24	3.25	3.87	2.13	3.56	5.46	3.08
1946	4.73	8.50	1.18	3.14	3.88	2.57	3.81	6.65	3.27
1947	5.74	7.41	0.58	3.17	6.67	2.34	4.93	7.26	3.20
1948	5.58	7.62	0.78	4.12	5.42	2.80	5.77	7.86	4.35
1949	5.45	6.49	0.19	3.89	5.53	1.29	5.70	5.93	2.66
1950	5.42	7.64	0.13	3.94	5.90	2.31	7.14	7.86	3.17

<sup>1/</sup>Includes cost of horse used to store and sell crop.

<sup>2/</sup>Includes lime, manure, and green cover crop.

Oats

COSTS AND RETURNS FOR OATS

(continued)

Table 2. (read across both pages)

Average costs per acre			Average returns per acre			Gain per acre	Labor return per acre	Year
Use of buildings	Other costs	Total cost	Grain	Straw and aftermath	Total returns			
\$	\$	\$	\$	\$	\$	\$	\$	
0.85	0.82	25.74	14.26	2.82	17.08	-8.66	-3.86	1914
1.35	1.03	28.03	20.93	5.13	26.06	-1.97	4.79	1915
0.77	0.93	27.92	14.83	2.86	17.69	-10.23	-4.56	1916
0.96	1.22	33.19	29.49	4.76	34.25	1.06	8.42	1917
1.29	1.74	41.44	35.30	6.16	41.46	0.02	9.62	1918
1.12	1.59	41.35	23.37	3.78	27.15	-14.20	-5.67	1919
1.20	1.61	42.36	24.18	5.26	29.44	-12.92	-4.02	1920
1.15	1.25	36.08	12.64	4.15	16.79	-19.29	-11.49	1921
1.21	1.23	36.83	13.80	4.00	17.80	-19.04	-10.68	1922
1.04	1.05	30.23	18.82	5.10	23.92	-6.31	0.43	1923
2.03	1.23	35.83	24.03	4.93	28.96	-6.87	0.40	1924
1.85	1.44	36.45	23.82	3.84	27.66	-8.79	-0.88	1925
2.15	1.73	38.77	24.82	3.82	28.64	-10.13	-2.31	1926
1.38	1.94	37.99	28.88	3.91	32.79	-5.20	3.93	1927
1.87	1.73	34.91	26.03	3.50	29.53	-5.38	1.56	1928
1.64	0.91	32.95	15.81	1.84	17.65	-15.30	-9.27	1929
1.65	1.66	36.75	24.06	3.29	27.35	-9.40	-1.56	1930
1.48	1.27	25.92	10.67	2.16	12.83	-13.09	-8.00	1931
1.34	1.12	24.08	10.77	2.33	13.10	-10.98	-6.42	1932
1.25	0.94	20.44	14.76	2.89	17.65	-2.79	1.30	1933
1.25	1.28	21.90	20.01	4.03	24.04	2.14	5.78	1934
1.00	0.90	22.28	13.21	2.78	15.99	-6.29	-2.03	1935
1.20	0.94	23.06	16.28	3.27	19.55	-3.51	0.53	1936
1.15	0.87	25.80	13.82	2.90	16.72	-9.08	-4.33	1937
1.36	0.79	24.74	14.59	2.61	17.20	-7.54	-2.89	1938
1.49	1.00	22.95	18.14	2.83	20.97	-1.98	1.95	1939
1.25	1.00	24.76	18.59	3.30	21.89	-2.87	1.56	1940
1.37	1.28	26.04	20.93	3.57	24.50	-1.54	2.71	1941
1.25	1.45	29.04	27.65	4.10	31.75	2.71	8.14	1942
1.53	1.47	30.61	17.95	3.02	20.97	-9.64	-4.05	1943
1.22	1.28	34.78	27.96	6.58	34.54	-0.24	6.68	1944
1.51	1.38	37.57	31.13	5.48	36.61	-0.96	6.31	1945
1.32	2.47	41.52	39.99	4.90	44.89	3.37	11.87	1946
1.98	2.25	45.53	45.01	5.79	50.80	5.27	12.67	1947
1.67	1.65	47.62	36.79	5.00	41.79	-5.83	1.78	1948
1.33	1.20	39.66	23.99	1.86	25.85	-13.81	-7.32	1949
2.53	1.93	47.97	47.31	4.81	52.12	4.15	11.79	1950

COSTS AND RETURNS FOR CORN FOR GRAIN ON  
NEW YORK COST ACCOUNT FARMS  
1914-1950

Table 3.

Year	Number of accounts	Total acres	Acres per farm	Per acre			
				Bushels yield	Man hours	Horse hours	Tractor hours
1914	6	49.4	8.2	37	70	54	0.00
1915	25	136.6	5.5	27	64	56	0.04
1916	10	71.8	7.2	21	53	55	0.00
1917	13	83.3	6.4	23	60	58	0.00
1918	11	58.0	5.3	31	83	63	1.10
1919	8	69.7	8.7	42	75	54	0.70
1920	15	70.9	4.7	31	59	61	0.30
1921	14	80.3	5.7	44	75	51	2.40
1922	9	63.5	7.1	33	62	59	2.70
1923	4	42.7	10.7	29	54	54	3.00
1924	9	78.7	8.7	36	59	45	3.00
1925	11	84.8	7.7	38	64	48	5.00
1926	7	63.5	9.1	24	42	45	3.00
1927	15	49.2	3.3	26	61	50	2.00
1928	12	44.9	3.7	34	56	49	2.00
1929	10	43.3	4.3	31	59	57	2.00
1930	8	27.6	3.4	27	72	34	4.00
1931	14	76.4	5.4	35	63	58	4.00
1932	9	56.8	6.3	41	58	23	4.00
1933	8	41.0	5.1	28	48	29	3.00
1934	10	56.0	5.6	22	51	32	2.00
1935	15	59.8	4.0	37	51	29	1.00
1936	16	82.5	5.2	33	50	33	3.00
1937	20	112.0	5.6	39	47	26	5.00
1938	26	156.4	6.0	41	49	26	4.00
1939	23	185.7	8.1	42	48	21	4.00
1940	24	235.6	9.8	26	32	8	7.00
1941	29	289.5	10.0	39	33	10	8.00
1942	28	284.2	10.2	43	24	7	8.00
1943	25	263.2	10.5	38	26	9	7.00
1944	23	237.4	10.3	35	19	4	8.00
1945	20	254.5	12.7	35	14	4	8.00
1946	21	321.3	15.3	39	15	3	9.00
1947	20	282.7	14.1	31	13	2	9.00
1948	18	276.0	15.3	40	12	1	9.00
1949	20	279.0	14.0	45	15	1	10.00
1950	25	416.9	16.7	53	14	1	10.00
1951	26		20.7	49	13	4	8.7

COSTS AND RETURNS FOR CORN FOR GRAIN  
(continued)

*Corn for  
Grain*

Table 3.

Pounds of seed	Per acre		Average costs per acre				Year
	Pounds of fertilizer	Tons of manure	Grow	Harvest	Store and sell	Total	
			\$	\$	\$	\$	
20	49	2.2					1914
17	59	2.0					1915
20	127	3.0					1916
18	116	2.4					1917
25	134	1.9					1918
25	111	3.7					1919
19	84	2.4					1920
17	77	2.4					1921
16	105	1.8					1922
15	98	3.8					1923
19	180	4.2					1924
16	103	3.8					1925
18	93	2.3					1926
18	91	*	47.30	20.87	2.79	70.96	1927
21	140	*	41.38	17.82	5.14	64.34	1928
16	125	*	42.04	18.70	5.20	65.94	1929
18	221	*	43.60	19.82	8.47	71.89	1930
16	229	3.1	34.39	17.30	5.77	57.46	1931
19	86	*	25.39	17.33	5.01	47.73	1932
16	34	*	25.37	11.63	1.50	38.50	1933
24	30	2.7	22.46	13.63	2.34	38.43	1934
15	96	7.3	30.25	11.14	1.24	42.63	1935
25	87	3.3	26.90	13.78	2.12	42.80	1936
21	92	2.8	25.28	15.31	2.23	42.82	1937
17	102	3.0	24.62	13.80	1.62	40.04	1938
12	123	2.6	25.13	12.56	2.60	40.29	1939
10	157	1.8	23.00	7.44	1.56	32.00	1940
13	134	2.0	21.22	12.23	1.74	35.19	1941
11	151	1.7	21.49	11.89	1.41	34.79	1942
12	203	2.2	24.85	14.69	1.86	41.40	1943
12	208	2.5	29.14	12.47	1.12	43.03	1944
12	211	2.5	29.95	10.82	1.88	42.65	1945
10	237	1.9	29.65	11.87	2.08	43.60	1946
11	338	2.6	35.09	12.07	1.99	49.15	1947
10	308	3.0	38.43	11.51	1.92	51.86	1948
11	302	2.6	37.35	13.94	2.15	53.44	1949
12	342	2.2	41.64	12.28	2.80	56.72	1950
12	321	1.9	40.33	13.46	3.18	56.97	1951

\*Tons of manure not available.

COSTS AND RETURNS FOR CORN FOR GRAIN  
(continued)  
(read across both pages)

Table 3.

Year	Average costs per acre								
	Land	Labor	Horse work	Tractor work	Equip-ment	Custom work	Ferti-lizer	Manure	Seed and treatment
	\$	\$	\$	\$	\$	\$	\$	\$	\$
1914	4.86	17.59	8.55	0.00	2.68	0.00	0.63	4.90	0.41
1915	4.70	16.50	8.60	0.04	2.46	0.14	0.74	3.96	0.43
1916	6.35	15.85	9.01	0.00	2.67	0.10	1.25	6.26	0.49
1917	5.16	21.21	11.09	0.00	3.21	0.21	1.16	6.03	0.67
1918	6.57	32.65	13.88	1.88	4.31	0.33	2.09	5.12	1.48
1919	7.25	33.88	15.04	1.50	5.99	0.00	1.99	10.63	1.26
1920	6.04	27.34	13.54	0.51	5.73	0.00	1.60	8.04	0.99
1921	8.51	31.60	10.23	3.96	6.04	1.23	1.38	7.43	0.63
1922	6.22	26.43	11.70	3.83	7.96	1.89	1.68	4.71	0.68
1923	7.96	23.06	10.82	2.73	6.93	1.00	1.35	10.38	0.37
1924	10.58	22.84	8.94	2.58	5.99	2.00	2.55	11.82	0.76
1925	7.68	24.85	8.14	3.59	6.35	2.38	1.25	10.50	1.11
1926	5.33	17.73	7.93	2.63	5.72	1.27	1.34	7.07	0.76
1927	6.38	26.37	10.79	2.36	7.20	0.60	1.06	10.47 <sup>1/2</sup>	1.16
1928	5.86	23.20	8.47	2.67	7.02	0.06	1.45	8.69 <sup>1/2</sup>	1.18
1929	5.52	24.41	10.10	2.26	7.95	1.22	1.20	8.01 <sup>1/2</sup>	0.85
1930	5.29	31.60	6.20	4.89	5.08	0.00	4.09	7.93 <sup>1/2</sup>	1.34
1931	5.20	20.87	6.44	2.52	4.46	0.74	3.23	8.04	0.84
1932	4.73	17.94	3.88	3.04	4.58	0.00	1.31	5.98	0.83
1933	4.06	14.56	3.90	1.57	2.89	0.00	0.57	0.40	0.51
1934	3.70	14.84	5.34	1.87	3.01	0.27	0.25	5.14	0.70
1935	3.06	14.45	6.32	0.47	3.78	0.25	1.20	10.49	0.65
1936	4.25	15.58	6.58	1.73	3.01	0.65	1.18	6.51	0.74
1937	4.45	16.18	5.90	2.83	2.61	0.52	1.25	5.82	0.75
1938	4.15	14.43	5.49	1.99	2.93	0.33	1.52	6.11	1.20
1939	4.18	13.96	4.50	1.85	2.93	0.83	1.70	5.76	2.08
1940	3.72	8.95	1.56	2.87	2.33	0.70	2.98	3.68	2.44
1941	3.73	11.27	2.80	3.34	2.47	1.72	2.39	4.00	1.21
1942	3.63	9.82	2.40	3.82	2.77	2.76	2.32	4.35	1.02
1943	3.90	12.98	3.02	3.26	3.14	2.98	3.11	5.39	1.10
1944	3.94	11.96	2.46	4.09	4.30	3.23	3.56	6.53	1.08
1945	4.18	10.18	1.70	4.55	5.44	2.26	3.76	6.63	1.67
1946	3.87	11.30	1.54	4.73	4.70	3.26	4.41	5.76	1.42
1947	3.70	10.54	1.40	5.29	6.55	3.64	5.91	7.89	1.81
1948	5.62	10.77	0.45	5.57	6.63	2.45	7.26	8.89	1.84
1949	4.39	13.27	0.62	6.60	7.73	1.38	7.46	7.20	1.80
1950	6.14	12.70	0.29	6.43	6.25	3.23	9.30	7.33	2.09
1951	6.04	12.41	.19	6.91	8.62	1.87	8.72	5.04	2.04

<sup>1/2</sup>Includes lime and green cover crop.

*Corn for Grain*

COSTS AND RETURNS FOR CORN FOR GRAIN  
(continued)

Table 3. (read across both pages)

Average costs per acre			Average returns per acre			Gain per acre	Labor return per acre	Year
Use of buildings	Other costs	Total cost	Grain	Stalks and fodder	Total returns			
\$	\$	\$	\$	\$	\$	\$	\$	
0.92	1.36	41.90	24.49	9.31	33.80	-8.10	9.49	1914
2.19	1.50	41.26	20.12	9.43	29.55	-11.71	4.79	1915
1.51	1.47	44.96	21.21	7.67	28.88	-16.08	-0.23	1916
1.67	2.18	52.59	34.78	11.32	46.10	-6.49	14.72	1917
1.81	2.53	72.65	44.91	8.07	52.98	-19.67	12.98	1918
1.09	3.08	81.71	61.17	8.55	69.72	-11.99	21.89	1919
1.27	2.22	67.28	33.31	8.22	41.53	-25.75	1.59	1920
2.94	2.72	76.67	31.56	9.55	41.11	-35.56	-3.96	1921
2.20	2.26	69.56	31.46	6.26	37.72	-31.84	-5.41	1922
1.94	2.61	69.15	28.64	4.24	32.88	-36.27	-13.21	1923
1.68	2.46	72.20	41.97	6.01	47.98	-24.22	-1.38	1924
1.75	2.33	69.93	32.32	7.58	39.90	-30.03	-5.18	1925
1.79	1.96	53.53	15.61	4.82	20.43	-33.10	-15.37	1926
1.97	2.60	70.96	26.97	8.03	35.00	-35.96	-9.59	1927
2.61	3.13	64.34	35.39	4.63	40.02	-24.32	-1.12	1928
1.76	2.66	65.94	33.26	6.38	39.64	-26.30	-1.89	1929
3.37	2.10	71.89	41.16	6.16	47.32	-24.57	7.03	1930
2.34	2.78	57.46	41.83	4.04	45.87	-11.59	9.28	1931
3.68	1.76	47.73	27.10	3.94	31.04	-16.69	1.26	1932
1.20	0.84	38.50	15.96	3.23	19.19	-19.31	-4.75	1933
1.86	1.45	38.43	21.44	9.29	30.73	-7.70	7.14	1934
0.50	1.46	42.63	31.61	3.98	35.59	-7.04	7.41	1935
1.31	1.26	42.80	37.71	7.47	45.18	2.38	17.96	1936
1.34	1.17	42.82	32.43	6.03	38.46	-4.36	11.82	1937
0.79	1.10	40.04	34.38	2.46	36.84	-3.20	11.23	1938
0.93	1.57	40.29	38.94	2.82	41.76	1.47	15.43	1939
0.74	2.03	32.00	23.38	3.20	26.58	-5.42	3.53	1940
0.59	1.67	35.19	38.83	2.61	41.44	6.25	17.52	1941
0.81	1.09	34.79	45.27	0.88	46.15	11.36	21.18	1942
1.14	1.38	41.40	53.00	3.34	56.34	14.94	27.92	1943
0.67	1.21	43.03	46.03	1.01	47.04	4.01	15.97	1944
1.05	1.23	42.65	55.20	0.06	55.26	12.61	22.79	1945
1.03	1.58	43.60	68.28	0.11	68.39	24.79	36.09	1946
0.86	1.56	49.15	71.29	0.37	71.66	22.51	33.05	1947
0.95	1.43	51.86	60.08	0.54	60.62	8.76	19.53	1948
0.77	2.22	53.44	63.06	1.54	64.60	11.16	24.43	1949
1.20	1.76	56.72	82.42	0.24	82.66	25.94	38.64	1950
		56.97	75.00		75.50	18.53		1951

COSTS AND RETURNS FOR CORN SILAGE  
NEW YORK COST ACCOUNT FARMS  
1914-1950

Table 4.

Year	Number of accounts	Total acres	Acres per farm	Per acre			
				Tons yield	Man hours	Horse hours	Tractor hours
1914	11	148.1	13.5	7.3	41	55	0.0
1915	26	315.8	12.1	7.1	45	53	0.3
1916	18	264.3	14.7	4.9	29	47	0.1
1917	18	263.3	14.6	4.8	33	49	0.5
1918	20	257.9	12.9	6.2	39	53	0.2
1919	26	285.6	11.0	8.1	42	49	1.0
1920	25	321.3	12.9	6.8	34	43	3.0
1921	24	274.6	11.4	10.1	41	46	4.0
1922	22	262.1	11.9	6.8	37	43	3.0
1923	20	244.9	12.2	7.1	37	44	4.0
1924	23	274.0	11.9	6.8	31	34	4.0
1925	19	200.7	10.6	10.1	36	37	4.0
1926	16	165.3	10.3	7.3	36	41	3.0
1927	45	386.7	8.6	8.4	34	45	5.0**
1928	37	385.5	10.4	7.0	30	35	4.0**
1929	35	416.2	11.9	7.6	32	37	5.0**
1930	33	391.6	11.9	7.2	29	30	6.0**
1931	37	464.4	12.6	10.3	36	30	7.0
1932	35	440.1	12.6	10.0	31	29	5.0
1933	35	449.6	12.8	8.8	34	35	4.0
1934	55***	699.2	12.7	8.5	32	34	4.0
1935	48	642.5	13.4	9.3	32	31	5.0
1936	51	606.0	11.9	8.0	31	28	5.0
1937	52	629.5	12.1	8.8	33	28	5.0
1938	44	484.2	11.0	10.2	40	35	5.0
1939	46	614.8	13.4	8.1	29	26	6.0
1940	52	748.5	14.4	7.9	28	23	7.0
1941	45	595.3	13.2	9.3	29	19	7.0
1942	41	487.6	11.9	10.4	30	18	8.0
1943	36	474.7	13.2	9.0	27	15	9.0
1944	34	500.6	14.7	8.4	23	11	8.0
1945	29	468.9	16.2	7.9	23	10	11.0
1946	25	388.6	15.5	9.6	24	8	12.0
1947	24	336.4	14.0	9.9	22	6	12.0
1948	24	306.2	12.8	10.2	24	6	12.0
1949	25	346.2	13.8	10.0	21	3	12.0
1950	26	404.6	15.6	9.0	18	2	11.0
1951	27	426.0	15.8	9.8	18	1.4	11.2

\*\* Tractor hours adjusted.

\*\*\*Two farms buying standing corn omitted.



# Corn Silage

## COSTS AND RETURNS FOR CORN SILAGE

(continued)

Table 4.

(read across both pages)

Year	Average costs per acre					
	Land	Labor	Horse work	Tractor work	Equipment	Custom work
	\$	\$	\$	\$	\$	\$
1914	3.47	10.26	8.64	0.00	2.70	1.44
1915	3.49	11.75	8.29	0.27	2.36	1.59
1916	4.14	8.78	7.77	0.16	2.30	1.10
1917	4.02	11.60	9.45	0.48	2.74	1.44
1918	6.46	15.26	11.92	0.41	3.75	2.11
1919	5.82	16.57	12.00	1.76	5.88	1.87
1920	7.78	14.40	9.75	4.37	5.01	1.84
1921	8.15	14.98	8.47	8.75	5.88	1.98
1922	8.35	13.41	7.06	4.55	4.96	1.17
1923	8.34	13.65	8.15	5.53	5.59	1.61
1924	7.27	11.52	6.39	3.59	4.06	1.23
1925	8.02	14.03	6.78	3.38	4.81	1.70
1926	5.54	15.08	7.76	3.58	4.02	1.61
1927	5.40	14.21	8.83	4.96	5.44	1.80
1928	5.35	12.83	7.70	5.63	4.29	0.78
1929	5.03	13.39	8.15	5.27	4.44	1.06
1930	4.95	12.60	6.20	4.36	3.60	1.05
1931	5.07	13.77	5.82	4.56	5.55	0.70
1932	4.46	10.01	4.43	4.03	5.35	0.41
1933	3.67	9.72	4.67	2.72	4.55	0.42
1934	3.66	8.87	5.53	2.71	4.43	0.36
1935	3.67	8.93	4.87	2.99	4.69	0.51
1936	3.54	9.34	5.01	2.87	4.20	0.61
1937	3.62	9.77	5.06	3.09	4.90	0.35
1938	3.54	11.50	5.46	3.04	4.68	0.51
1939	3.19	8.33	4.68	3.03	3.73	0.44
1940	3.07	8.18	4.24	3.44	5.03	0.36
1941	2.90	9.77	4.48	3.88	5.69	0.66
1942	3.32	11.36	4.71	4.52	6.27	0.51
1943	3.54	13.27	4.83	4.43	7.28	0.56
1944	3.66	13.17	4.08	4.84	7.51	0.70
1945	4.38	13.91	3.37	5.99	8.05	0.96
1946	4.37	15.69	3.35	6.53	9.07	0.76
1947	5.02	16.67	2.63	7.07	10.65	1.58
1948	5.51	18.68	1.97	8.55	12.96	2.52
1949	5.63	17.81	1.18	9.10	14.05	3.64
1950	5.36	15.38	0.81	8.65	14.47	4.25
1951	5.93	16.32	.53	9.89	18.12	2.37

COSTS AND RETURNS FOR CORN SILAGE  
(continued)

Table 4.

	Per acre		Average costs per acre				Year	
	Pounds of seed	Pounds of fertilizer	Tons of manure	Grow	Harvest	Store		Total
				\$	\$	\$		\$
22	92	2.7					1914	
21	152	3.1					1915	
22	161	3.7					1916	
21	178	3.3					1917	
27	162	5.4					1918	
24	180	4.4					1919	
25	170	3.2					1920	
30	168	4.0					1921	
23	209	4.6					1922	
22	180	4.1					1923	
19	193	4.2					1924	
20	109	5.3					1925	
22	62	5.1					1926	
22	100	*	44.49	15.86	3.55	63.90	1927	
25	131	*	40.02	13.89	3.55	57.46	1928	
20	96	*	39.77	15.28	3.17	58.22	1929	
18	92	*	34.04	13.58	3.38	51.00	1930	
22	162	5.3	36.50	17.16	3.58	57.24	1931	
22	148	*	30.55	12.98	3.22	46.75	1932	
20	75	5.8	25.82	12.80	2.85	41.47	1933	
20	73	5.4	26.06	11.86	3.01	40.93	1934	
22	94	4.8	23.95	12.65	3.14	39.74	1935	
18	100	4.6	24.64	12.01	3.26	39.91	1936	
19	102	5.4	26.61	13.15	3.31	43.07	1937	
24	90	4.5	24.80	14.92	3.33	43.05	1938	
17	85	4.8	23.56	11.18	3.00	37.74	1939	
17	93	4.5	24.08	12.03	3.57	39.68	1940	
20	102	4.2	23.16	15.68	4.13	42.97	1941	
18	138	4.7	25.78	17.74	4.59	48.11	1942	
18	132	4.2	28.50	18.55	5.64	52.69	1943	
18	213	4.0	30.75	18.47	5.86	55.08	1944	
17	233	4.7	35.54	19.23	4.84	59.61	1945	
14	221	5.0	37.99	21.17	5.25	64.41	1946	
14	481	4.6	40.81	24.57	5.43	70.81	1947	
15	320	4.5	45.64	27.49	7.09	80.22	1948	
14	298	5.2	49.98	28.24	7.51	85.73	1949	
13	229	3.8	41.39	27.57	7.93	76.89	1950	
7.0	303	4.0	46.83	30.89	7.98	85.70	1951	

\*Tons of manure not available.

# Corn Silage

## COSTS AND RETURNS FOR CORN SILAGE

(continued)

Table 4.

(read across both pages)

Average costs per acre						Year
Fertilizer	Manure	Seed and treatment	Use of silo	Other costs	Total	
\$	\$	\$	\$	\$	\$	
1.07	6.18	0.74	1.68	1.56	37.74	1914
1.46	6.02	0.67	2.41	1.57	39.88	1915
2.30	7.62	0.82	1.54	1.52	38.05	1916
2.04	8.21	0.98	1.90	2.33	45.19	1917
2.69	14.87	2.27	1.97	2.97	64.68	1918
3.45	13.52	1.74	2.63	2.98	68.22	1919
3.43	9.58	1.72	2.34	2.32	62.54	1920
2.91	10.96	1.30	3.45	2.49	69.32	1921
3.27	11.20	0.92	2.87	2.06	59.82	1922
2.29	10.67	0.89	2.48	2.03	61.23	1923
2.71	10.74	0.93	3.51	1.85	53.80	1924
1.70	14.04	1.35	4.16	2.10	62.07	1925
1.23	12.88	1.21	4.85	2.40	60.16	1926
1.23	15.19 <sup>1/</sup>	1.32	3.19	2.33	63.90	1927
1.59	12.35 <sup>1/</sup>	1.40	3.49	2.05	57.46	1928
1.11	13.22 <sup>1/</sup>	1.20	3.14	2.21	58.22	1929
1.24	10.33 <sup>1/</sup>	1.14	2.90	2.63	51.00	1930
1.87	12.95	1.44	3.50	2.01	57.24	1931
1.47	10.88	1.00	3.09	1.62	46.75	1932
0.80	10.13	0.70	2.73	1.36	41.47	1933
0.84	9.47	0.71	2.67	1.68	40.93	1934
1.05	7.81	1.00	2.84	1.38	39.74	1935
1.20	8.06	0.80	3.05	1.23	39.91	1936
1.37	9.60	1.04	3.12	1.15	43.07	1937
1.49	7.97	0.98	2.82	1.06	43.05	1938
1.24	8.38	0.85	2.61	1.26	37.74	1939
1.58	8.47	1.05	2.68	1.58	39.68	1940
1.78	7.71	1.31	3.59	1.20	42.97	1941
1.86	8.72	1.20	4.07	1.57	48.11	1942
2.13	8.68	1.42	4.39	2.16	52.69	1943
3.58	9.05	1.72	4.74	2.03	55.08	1944
4.42	10.77	1.76	4.22	1.78	59.61	1945
4.88	11.92	1.76	4.44	1.64	64.41	1946
5.59	13.02	2.00	4.57	2.01	70.81	1947
6.75	12.46	2.61	6.26	1.95	80.22	1948
7.96	14.80	2.67	6.71	2.18	85.73	1949
5.87	11.22	2.16	7.26	1.46	76.89	1950
7.86	11.63	2.02	7.98	2.55	85.70	1951

<sup>1/</sup>Includes lime and green cover crop.

COSTS AND RETURNS FOR HAY OTHER THAN ALFALFA ON  
NEW YORK COST ACCOUNT FARMS  
1914-1950

Table 5.

Year	Number of accounts	Total acres	Acres per farm	Per acre			
				Tons yield	Man hours	Horse hours	Tractor hours
1914	17	700.7	41.2	1.2	9	9	0.00
1915	45	1577.4	35.1	1.3	11	11	0.00
1916	31	1330.3	42.9	1.9	12	12	0.00
1917	31	1128.8	36.1	1.7	10	10	0.00
1918	31	1255.2	40.5	1.6	10	10	0.00
1919	35	1499.4	42.8	1.7	11	11	0.06
1920	32	1211.5	37.9	1.4	9	10	0.06
1921	33	1333.9	40.4	1.2	9	9	0.15
1922	30	1256.5	41.9	1.5	11	11	0.14
1923	26	1112.6	42.8	1.6	10	10	0.34
1924	34	1475.1	43.4	1.7	9	10	0.25
1925	31	1384.7	44.7	1.5	8	9	0.13
1926	30	1228.1	40.9	1.4	9	10	0.14
1927	32	1189.4	37.2	1.6	10	10	0.17
1928	61	1743.1	38.6	1.7	9	9	0.17
1929	56	1958.1	35.0	1.9	10	11	0.36
1930	55	1494.8	27.2	1.6	8	9	0.47
1931	53	1410.2	26.6	1.8	10	8	0.58
1932	41	1381.8	33.7	1.7	8	7	0.51
1933	39	1443.4	37.0	1.7	9	8	0.33
1934	65	1923.4	29.6	1.3	7	7	0.31
1935	76	2055.8	27.0	1.7	8	7	0.34
1936	72	2124.1	29.5	1.3	7	8	0.39
1937	67	2161.6	32.3	1.7	8	7	0.69
1938	69	1848.6	26.8	1.7	8	6	0.94
1939	66	2142.5	32.5	1.3	6	5	0.58
1940	71	2053.9	28.2	1.7	8	5	1.25
1941	59	2036.9	34.5	1.3	7	3	1.28
1942	57	2029.8	35.6	2.1	9	4	1.82
1943	60	1778.4	29.6	1.9	9	4	2.03
1944	42	1490.8	35.5	1.8	8	3	1.55
1945	44	1592.5	36.2	2.0	9	3	2.16
1946	37	1541.7	41.7	1.9	7	2	2.00
1947	32	1171.8	36.6	2.2	8	1	2.65
1948	31	1161.6	37.5	2.1	7	2	1.89
1949	32	1330.6	41.6	1.7	6	1	2.37
1950	43	1802.7	41.9	2.0	6	1	3.01

*Alfalfa*

COSTS AND RETURNS FOR HAY OTHER THAN ALFALFA  
(continued)

Table 5.

Per acre		Average costs per acre				Year
Pounds of fertilizer	Tons of manure	Grow	Harvest	Store and sell	Total	
		\$	\$	\$	\$	
24	1.0					1914
10	1.5					1915
2	1.8					1916
1	2.0					1917
1	2.2					1918
7	1.8					1919
5	1.8					1920
6	2.0					1921
17	2.0					1922
9	2.1					1923
8	1.7					1924
5	1.9					1925
0.04	1.9					1926
4	**	10.70	6.87	3.90	21.47	1927
1	**	11.33	6.98	4.28	22.59	1928
4	**	12.66	8.75	4.18	25.59	1929
3	**	11.16	6.74	3.31	21.21	1930
**	**	10.79	7.42	3.71	21.92	1931
0	**	9.97	5.54	3.41	18.92	1932
0	**	8.85	4.93	3.29	17.07	1933
4	1.9	7.85	4.70	3.28	15.83	1934
7	2.3	8.03	4.96	3.20	16.19	1935
7	1.8	7.96	4.45	2.89	15.30	1936
9	2.2	8.93	5.33	3.34	17.60	1937
2	2.0	9.14	4.91	2.83	16.88	1938
9	2.2	9.85	4.28	2.66	16.79	1939
4	2.3	9.64	5.53	2.78	17.95	1940
4	2.2	10.15	5.48	2.92	18.55	1941
2	2.1	10.45	8.05	3.22	21.72	1942
2	2.1	11.26	9.00	3.42	23.68	1943
4	2.2	11.89	9.60	4.22	25.71	1944
4	2.1	13.09	11.64	4.32	29.05	1945
9	2.2	13.84	11.84	3.74	29.42	1946
6	3.0	17.98	15.23	4.28	37.49	1947
22	2.7	17.87	15.87	5.30	39.04	1948
9	2.2	16.69	15.49	4.89	37.07	1949
20	2.0	16.23	17.11	5.84	39.18	1950

\*\*Tons of manure or pounds of fertilizer unavailable.

COSTS AND RETURNS FOR HAY OTHER THAN ALFALFA  
(continued)  
(read across both pages)

Table 5.

Year	Average costs per acre								
	Land	Labor	Horse work	Tractor work	Equip-ment	Hired baling	Ferti-lizer	Manure	Cost of seeding
	\$	\$	\$	\$	\$	\$	\$	\$	\$
1914	4.27	2.25	1.39	0.00	0.43	0.25	0.27	2.32	0.97
1915	3.83	2.81	1.74	0.00	0.49	0.27	0.33	2.86	1.09
1916	4.73	3.47	1.93	0.00	0.57	0.40	0.45	3.81	1.00
1917	4.40	3.54	2.00	0.00	0.58	0.28	0.28	4.81	1.21
1918	5.78	3.96	2.37	0.00	0.75	0.25	0.35	6.11	1.49
1919	5.31	4.70	2.69	0.07	0.96	0.34	0.68	5.33	1.73
1920	6.85	4.23	1.98	0.05	0.94	0.67	0.89	5.43	2.63
1921	6.38	3.51	1.68	0.29	0.96	0.29	0.50	5.22	1.32
1922	6.37	4.10	1.79	0.16	1.09	0.30	1.33	4.65	1.19
1923	6.28	3.79	1.80	0.32	1.11	0.46	0.51	5.13	1.47
1924	5.83	3.63	1.78	0.22	1.04	0.31	0.52	4.36	1.33
1925	5.47	2.99	1.53	0.10	0.95	0.22	0.42	4.67	1.10
1926	4.67	3.58	1.76	0.14	1.10	0.30	0.22	4.87	1.11
1927	4.38	4.05	1.78	0.17	1.12	0.45	0.05	4.53	1.50
1928	5.04	3.63	2.06	0.22	1.24	0.22	0.03	4.14	1.83
1929	5.51	4.35	2.51	0.39	1.56	0.14	0.01	4.56	2.25
1930	4.94	3.48	1.74	0.36	1.23	0.26	0.03	4.08	1.81
1931	4.61	3.67	1.76	0.37	1.75	0.15	0.32	3.83	1.74
1932	4.15	2.66	1.16	0.36	1.45	0.15	0.34	3.52	1.68
1933	3.70	2.55	1.20	0.18	1.09	0.18	0.03	3.87	0.99
1934	3.29	2.13	1.29	0.17	1.13	0.05	0.08	3.28	0.95
1935	3.05	2.42	1.29	0.21	1.14	0.12	0.07	3.63	1.02
1936	3.43	2.13	1.15	0.20	1.00	0.06	0.08	3.12	1.09
1937	3.40	2.60	1.23	0.35	1.22	0.06	0.18	3.97	1.07
1938	3.42	2.48	0.95	0.41	1.14	0.08	0.02	3.68	1.71
1939	3.29	1.93	0.95	0.27	1.13	0.08	0.10	3.92	2.12
1940	3.10	2.55	0.97	0.53	1.49	0.14	0.05	4.05	2.12
1941	3.18	2.28	1.04	0.60	1.52	0.14	0.10	3.99	2.47
1942	3.29	3.75	1.08	0.90	1.87	0.70	0.18	4.09	2.40
1943	3.59	4.39	1.46	0.91	1.91	0.48	0.20	4.44	2.55
1944	3.73	4.55	1.68	0.87	2.13	0.75	0.08	4.97	2.52
1945	4.36	5.37	1.14	1.18	2.72	1.49	0.20	5.12	2.86
1946	4.09	4.80	0.89	1.01	3.15	1.96	0.48	5.45	3.29
1947	4.90	6.23	0.78	1.55	4.16	2.37	0.62	8.08	3.32
1948	5.10	6.10	0.89	1.30	5.07	2.05	1.37	7.10	3.45
1949	5.20	5.28	0.66	1.74	5.30	2.21	1.10	6.22	3.52
1950	5.22	5.99	0.26	2.16	6.24	2.01	0.75	5.97	3.62

*Alfalfa -*

COSTS AND RETURNS FOR HAY OTHER THAN ALFALFA  
(continued)

Table 5.

(read across both pages)

Average costs per acre			Average returns per acre			Gain per acre	Labor return per acre	Year
Use of buildings	Other costs	Total cost	Hay	aftermath	Total returns			
\$	\$	\$	\$	\$	\$	\$	\$	
1.30	0.30	13.75	15.30	0.23	15.53	1.78	4.03	1914
1.72	0.34	15.48	17.45	0.24	17.69	2.21	5.02	1915
1.54	0.40	18.30	19.45	0.24	19.69	1.39	4.86	1916
1.80	0.41	19.31	27.11	0.29	27.40	8.09	11.63	1917
1.94	0.47	23.47	30.10	0.85	30.95	7.48	11.44	1918
1.99	0.61	24.41	38.83	0.78	39.61	15.20	19.90	1919
2.28	0.57	26.52	28.98	0.09	29.07	2.55	6.78	1920
2.54	0.46	23.15	21.53	0.32	21.85	-1.30	2.21	1921
2.63	0.56	24.17	20.50	0.42	20.92	-3.25	0.85	1922
2.36	0.55	23.78	24.23	0.17	24.40	0.62	4.41	1923
2.82	0.58	22.42	20.70	0.19	20.89	-1.53	2.10	1924
2.60	0.58	20.63	18.81	0.40	19.21	-1.42	1.57	1925
2.34	0.69	20.78	18.27	0.51	18.78	-2.00	1.58	1926
2.69	0.75	21.47	15.36	0.41	15.77	-5.70	-1.65	1927
3.57	0.61	22.59	18.50	0.14	18.64	-3.95	-0.32	1928
3.67	0.64	25.59	22.42	0.45	22.87	-2.72	1.63	1929
2.80	0.48	21.21	21.36	0.31	21.67	0.46	3.94	1930
2.73	0.99	21.92	15.06	0.48	15.54	-6.38	-2.71	1931
2.69	0.76	18.92	11.59	0.25	11.84	-7.08	-4.42	1932
2.47	0.81	17.07	15.41	0.37	15.78	-1.29	1.26	1933
2.53	0.93	15.83	18.86	0.31	19.17	3.34	5.47	1934
2.56	0.68	16.19	12.74	0.27	13.01	-3.18	-0.76	1935
2.28	0.76	15.30	15.93	0.38	16.31	1.01	3.14	1936
2.77	0.75	17.60	14.22	0.57	14.79	-2.81	-0.21	1937
2.37	0.62	16.88	12.17	0.70	12.87	-4.01	-1.53	1938
2.14	0.86	16.79	15.59	0.33	15.92	-0.87	1.06	1939
2.19	0.76	17.95	14.61	0.55	15.16	-2.79	-0.24	1940
2.28	0.95	18.55	20.37	0.95	21.32	2.77	5.05	1941
2.32	1.14	21.72	24.14	0.95	25.09	3.37	7.12	1942
2.43	1.32	23.68	26.03	1.04	27.07	3.39	7.78	1943
2.96	1.47	25.71	30.63	0.61	31.24	5.53	10.08	1944
3.09	1.52	29.05	31.98	0.61	32.59	3.54	8.91	1945
2.74	1.56	29.42	29.27	2.15	31.42	2.00	6.80	1946
3.14	2.34	37.49	36.45	3.09	39.54	2.05	8.28	1947
3.55	3.06	39.04	38.27	2.69	40.96	1.92	8.02	1948
3.58	2.26	37.07	40.35	2.79	43.14	6.07	11.35	1949
4.39	2.57	39.18	38.24	2.85	41.09	1.91	7.90	1950