

## THE PRODUCTION OF CORN FOR GRAIN IN NEW YORK STATE

December, 1945

Corn for grain in New York State is an important crop on a large number of farms, especially in the western part of the State, but as a source of total feed requirements it is only of minor importance. In 1939, approximately 45,000 farms reported corn harvested for grain. Estimates of the sources of feed other than pasture in 1942 indicate corn for grain contributed 3 per cent, as compared with 11 per cent from corn for silage, 44 per cent from hay, 7 per cent from oats and barley and 32 per cent from shipped-in concentrates.

In recent years, about 700,000 acres of corn for all purposes have been produced in the State. About one acre in five has been used as corn for grain, except that in the thirties more of the corn crop was harvested as grain.

The long-time trend in the acreage of corn for grain has been downward. However, after reaching a low point in 1929 of about 100,000 acres, the acreage rose to nearly 200,000 acres in 1938. Since then an irregular decline has occurred. In 1944, 152,000 acres were harvested as grain.

The leading counties of the State in the production of corn for grain in 1943 were Wayne, Cayuga, Niagara, Ontario, Monroe, and Onondaga.

In 1939, the acreage of corn for grain was equal to about one-quarter of that for oats, and two-thirds of that for wheat.

On many farms, the production of corn for grain represents the excess of corn left over after filling the silo. Dairy men generally plant enough corn to fill their silos even in years of lower-than-average yields. In the years of favorable yields, some corn is left over to be harvested as grain.

\* \* \*

A. E. 541

L. C. Cunningham  
Department of Agricultural Economics  
New York State College of Agriculture  
Ithaca, New York

REVISED

All Corn: Acreage, Yield and Production in New York State  
1929-1945

Year	<u>Harvested</u> acres (000)	<u>Yield per acre</u> bushels	<u>Production</u> bu. (000)
1929	566	33.0	18,678
1930	560	30.0	16,800
1931	599	39.0	23,361
1932	629	35.0	22,015
1933	623	31.0	19,313
1934	698	34.5	24,081
1935	734	34.0	24,956
1936	640	31.0	19,840
1937	672	35.5	23,856
1938	685	37.0	25,345
1939	690	35.0	24,150
1940	683	31.0	21,173
1941	676	40.0	27,040
1942	690	40.0	27,600
1943	649	35.0	22,715
1944	733	35.0	25,655
1945	696	33.0	22,968

Source: Statistics Relative to Feed Crops, etc., 1941-43, New York State Department of Agriculture and Markets.

Acreages of All Corn, Corn Silage and Corn For Grain in New York State  
1929-1945

Year	All Corn acres (000)	Corn silage acres (000)	Corn for grain acres (000)	Per cent Corn for grain is of total
1929	566	343	113	20
1930	560	346	113	20
1931	599	368	133	22
1932	629	391	145	23
1933	623	371	157	25
1934	698	410	167	24
1935	734	478	171	23
1936	640	425	142	22
1937	672	437	166	25
1938	685	420	198	29
1939	690	433	190	28
1940	683	455	140	20
1941	676	442	162	24
1942	690	442	172	25
1943	649	442	139	21
1944	733	502	152	21
1945	696	483	143	21

Source: Statistics Relative to Feed Crops, etc., 1941-43, New York State Department of Agriculture and Markets.

LCC 44:80

SOURCES OF LIVESTOCK FEED OTHER THAN PASTURE  
 In New York State - 1942.  
 (in per cent of total T.D.N.)

Hay 44%	
Corn Silage 11%	
Oats and Barley 7%	
Corn for grain 3%	
Other 3%	
Purchased concentrates	
medium & low	20%
high	12%
	<u>32%</u>

Hay. 6 million tons produced on about 3.8 million acres; 125,000 farms - about 30 acres per farm.

Corn for silage. About 4.5 million tons produced on 440 thousand acres; 50,000 farms - about 9 acres per farm.

Oats and Barley. Some 37 million bushels produced on 1.0 million acres; 70,000 farms - about 15 acres per farm.

Corn for grain. About 7 million bushels produced on 170 thousand acres; 50,000 farms - about 3 acres per farm.

Other. Includes wheat, buckwheat, rye, and soybeans used for feed.

Purchased concentrates. About 2.2 million tons, of which 0.8 million consist of high proteins; 120,000 farms - about 18 tons per farm.

(Pasture. Six million acres, the T.D.N. from which is approximately equal to from one-fourth to one-third of the total from all other sources.)

## Corn For Grain: New York acreage and production, by counties, 1943

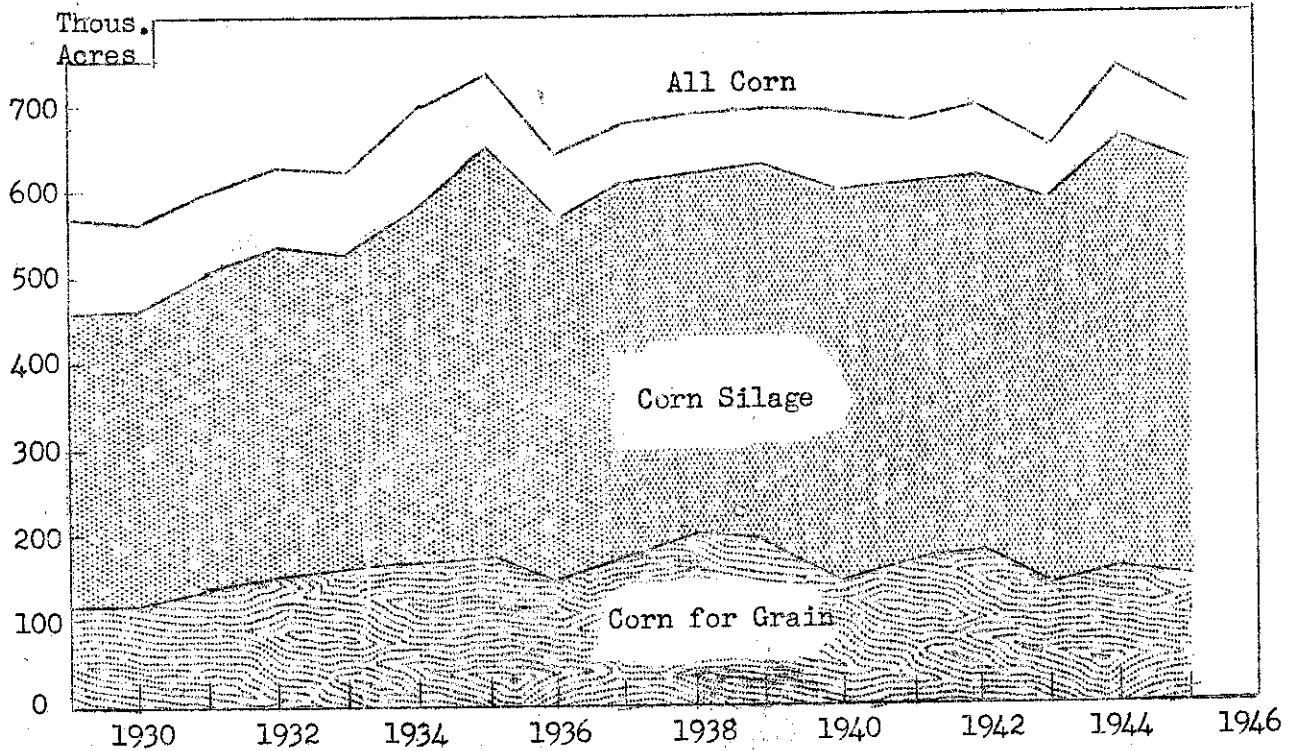
County and District	Acres Harvested 1943	Bushels Harvested 1943	County and District	Acres Harvested 1943	Bushels Harvested 1943
St. Lawrence	1,000	27,000	Fulton	700	28,300
Jefferson	1,200	35,400	Saratoga	2,900	118,900
Lewis	200	4,800	Washington	5,900	230,100
Northern	2,400	67,200	Montgomery	1,600	59,200
Franklin	600	19,800	Schenectady	500	21,500
Clinton	500	13,500	Schoharie	900	38,700
Essex	600	19,700	Albany	1,400	53,200
Warren	300	9,000	Rensselaer	3,900	144,300
Hamilton			Eastern	17,800	694,200
Northeastern	2,000	62,000	Chautauqua	3,900	163,800
Niagara	8,000	246,300	Cattaraugus	1,200	52,400
Orleans	4,800	172,800	Allegany	500	19,000
Monroe	6,300	189,000	Steuben	1,600	52,800
Wayne	9,700	291,000	Southwestern	7,200	288,000
Erie	5,000	185,000	Schuyler	1,900	66,100
Genesee	3,300	118,800	Tompkins	2,600	88,400
Wyoming	1,100	41,800	Chemung	1,800	72,000
Livingston	2,600	98,800	Tioga	1,300	55,900
Ontario	6,700	227,800	Broome	600	21,000
Yates	3,900	124,800	Southern	8,200	303,400
Seneca	3,900	136,500	Delaware	500	19,000
Western	55,300	1,832,600	Sullivan	900	29,200
Oswego	3,500	131,200	Ulster	3,200	103,400
Oneida	2,300	87,600	Greene	1,600	60,800
Herkimer	1,000	31,000	Columbia	4,700	155,100
Cayuga	8,200	303,400	Dutchess	3,800	129,200
Onondaga	6,300	214,200	Orange	2,100	71,400
Madison	2,400	91,200	Putnam	200	8,200
Cortland	500	16,000	Westchester	300	12,300
Chenango	1,000	36,000	Rockland	100	3,000
Otsego	1,700	57,800	Southeastern	17,400	591,600
Central	26,900	968,400	Long Island	1,800	57,600
			State	139,000	4,865,000

Source: Statistics Relative to Feed Crops, etc., 1941-43. New York State Department of Agriculture and Markets.

The leading counties in the production of corn for grain in 1943 were:

Wayne  
Cayuga  
Niagara  
Ontario  
Monroe  
Onondaga

Acres of All Corn, Corn Silage and Corn for Grain in New York State  
1929-1945



Acres of Corn for Grain, Oats, Barley, and Wheat  
in New York State  
1909-1939

Year	Corn for Grain acres (000)	Oats acres (000)	Barley acres (000)	Wheat acres (000)	Buckwheat acres (000)
1909	512	1,303	80	289	286
1919	320	938	116	463	218
1929	111	558	76	239	171
1930	188	626	62	270	133

Source: Census Report for 1940.