



New Jersey Agricultural Statistics Service

a field office of the National Agricultural Statistics Service
United States Department of Agriculture



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New Jersey 2004 Fresh Market Sweet Corn

Conditions were continually wet throughout the entire 2004 growing season. The season started out fairly early with above normal temperatures. Wet conditions in late spring interrupted planting of sweet corn. Therefore, the overall acres harvested were lower than the 2003 level. The quality of the sweet corn was fair due to the lack of sun and heat during many summer days.

The production of fresh market sweet corn generated \$10.9 million in value in 2004. It was ranked fifth among all principal fresh market vegetables in terms of total fresh market value of production. Sweet corn value of production contributes more than 8 percent to the total value of principal fresh market vegetables produced in New Jersey. Fresh market sweet corn harvested acreage was the largest vegetable crop acreage in New Jersey in 2004. The acreage was 22 percent of the total principal fresh market acreage in the state. Compared with 2003, the 2004 harvested acreage, at 7,500, was 300 acres less. Yield per acre in 2004, at 70 cwt per acre, was 5 cwt above the 2003 level. The season average price for 2004, at \$20.80 per cwt, was \$1.20 higher than the ten year average.

New Jersey sweet corn production ranked tenth in the nation and thirteenth in terms of value of production. New Jersey contributes 2 percent of the total production and total value of production for fresh market sweet corn in the United States. Florida was the largest producer in the nation, at 6.0 million cwt., which was 21 percent of the total U.S. production of fresh market sweet corn. California had the largest value of production, at \$173 million, which was 28 percent of the total U.S. value of production of fresh market sweet corn.

The estimating program for fresh market sweet corn started in 1935 for production and in 1939 for acreage and price. Based on the record book, the largest number of fresh market sweet corn acres ever harvested was in 1939, when 23,000 acres were harvested. The smallest number was in 2004 when only 7,500 acres were harvested. The lowest yield ever recorded was in 1944 when the yield was 32 cwt. per acre. The highest yield was recorded in 2000 at 105 cwt. per acre. The lowest season average price, at \$1.20 per cwt., was recorded in 1939. Sixty-four years later, in 2003, the highest season average price of \$23.90 was recorded.

In New Jersey, acreage contracted for processing use has been excluded from the fresh market estimates acres. There were no local processors, so all processing sweet corn production was shipped out of state. Total sweet corn processing acreage, yield, production, and price is not published separately, but combined with all processing vegetables grown in the state.

Troy Joshua, Director

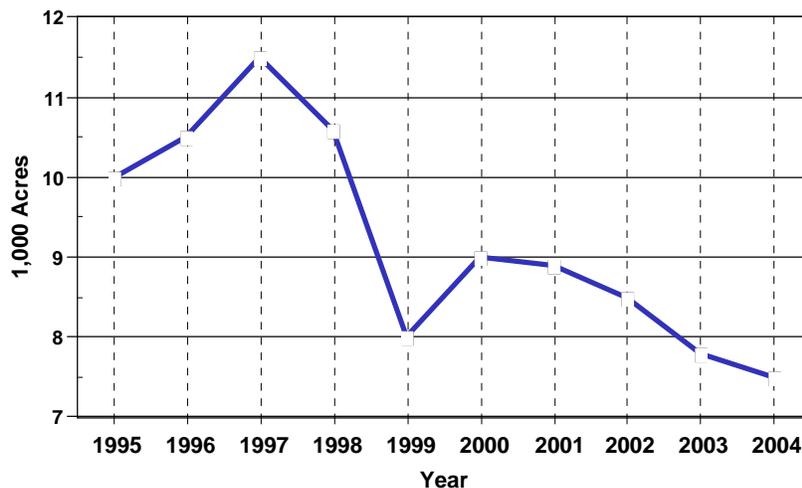
Fresh Market Sweet Corn Total Acres Harvested

In New Jersey, the harvested acres showed a declining trend after 2000. Total acres harvested, at 7,500 acres, reached the lowest level on record in 2004. This level was even lower than the 8,000 harvested acres in the drought year of 1999. In 2004, acres harvested, at 7,500, accounted for 3 percent of the U.S. total. New Jersey and North Carolina are tied for tenth in terms of harvested acres of fresh market sweet corn in the nation.

Fresh Market Sweet Corn Total Acres Harvested Tri-State Area and United States, 1995 - 2004

YEAR	NJ	NY	PA	US
-- Acres --				
1995	10,000	30,500	17,200	225,200
1996	10,500	27,100	17,000	227,800
1997	11,500	27,300	16,000	236,400
1998	10,600	29,200	17,100	237,350
1999	8,000	33,700	15,800	236,950
2000	9,000	27,500	18,900	239,200
2001	8,900	33,400	17,100	244,930
2002	8,500	29,800	17,400	245,730
2003	7,800	35,600	18,800	246,800
2004	7,500	28,000	19,600	246,200
Average	9,230	30,210	17,490	238,656

Fresh Market Sweet Corn Total Acres Harvested New Jersey, 1995 - 2004



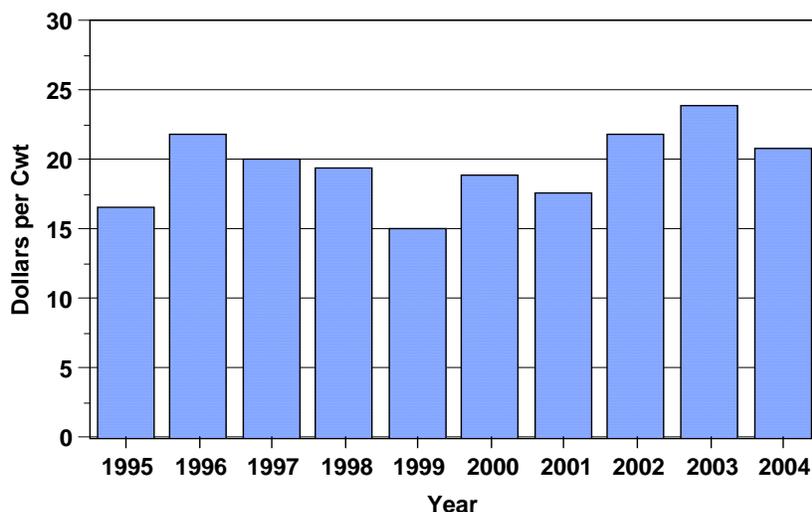
Fresh Market Sweet Corn Season Average Price

The 2004 season average price for fresh market sweet corn, at \$20.80 per hundredweight, was \$3.10 per hundredweight lower than in 2003, but \$.90 higher than the ten-year average. New Jersey prices were lower in 2004 than New York, Pennsylvania, and U.S. prices at \$21.40, \$22.10, and \$21.30, respectively.

Fresh Market Sweet Corn Season Average Price Tri-State Area and United States, 1995 - 2004

YEAR	NJ	NY	PA	US
-- Dollars per Cwt --				
1995	16.60	18.90	19.50	18.30
1996	21.90	14.80	20.50	16.90
1997	20.10	14.90	28.30	17.70
1998	19.40	18.10	23.40	17.20
1999	15.00	16.30	23.50	16.90
2000	18.90	21.60	23.40	18.50
2001	17.60	17.80	26.50	19.50
2002	21.80	23.90	31.80	19.20
2003	23.90	20.60	24.90	19.30
2004	20.80	21.40	22.10	21.30
Average	19.60	18.83	24.39	18.48

New Jersey Fresh Market Sweet Corn Season Average Price, 1995 - 2004



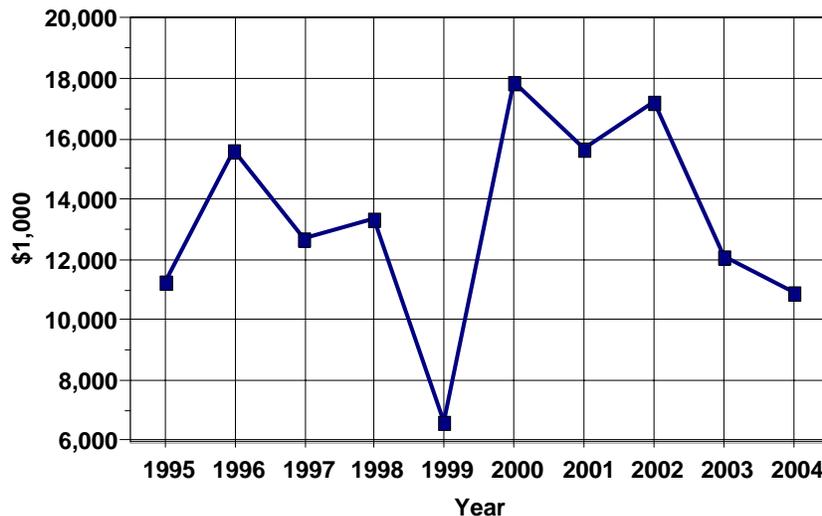
Fresh Market Sweet Corn Total Value of Production

In New Jersey, the total value of production decreased from \$12.1 million in 2003 to \$10.9 million in 2004, a 10 percent decrease. This total value of production is \$2.42 million lower than the ten-year average. The record high total value of production was in 2000, at \$17.9 million. Value of production in New York decreased sharply while Pennsylvania's value increased.

Fresh Market Sweet Corn Total Value of Production Tri-State Area and United States, 1995 - 2004

YEAR	NJ	NY	PA	US
	-- \$1,000 --			
1995	11,288	49,008	15,756	397,769
1996	15,637	30,088	22,653	390,737
1997	12,723	29,696	24,904	418,617
1998	13,367	47,567	24,008	452,278
1999	6,600	52,193	16,333	436,094
2000	17,861	56,441	22,558	481,016
2001	15,664	68,370	18,577	523,567
2002	17,244	78,344	22,133	509,421
2003	12,117	84,336	29,033	550,528
2004	10,920	59,920	30,763	618,790
Average	13,342	55,596	22,672	477,882

New Jersey Fresh Market Sweet Corn Total Value of Production, 1995 - 2004



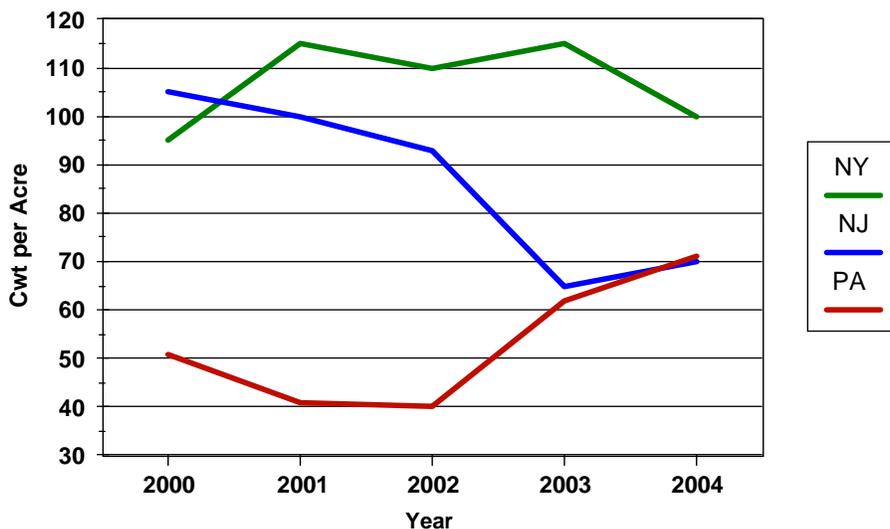
Fresh Market Sweet Corn Yield

New Jersey's yield during the past ten years has ranged from a low of 5,500 pounds (131 bushels) per acre in 1997 and 1999, to a record high of 10,500 pounds (250 bushels) in 2000. In 2004, New Jersey's fresh market sweet corn yield, at 7,000 pounds (167 bushels) per acre, was 400 pounds per acre below the ten-year average.

**Fresh Market Sweet Corn Yield
Tri-State Area and United States, 1995 - 2004**

YEAR	NJ	NY	PA	US
-- Cwt per Acre --				
1995	68	85	47	97
1996	68	75	65	102
1997	55	73	55	100
1998	65	90	60	111
1999	55	95	44	109
2000	105	95	51	109
2001	100	115	41	109
2002	93	110	40	108
2003	65	115	62	115
2004	70	100	71	118
Average	74	95	54	108

**Fresh Market Sweet Corn Yield
Tri-State Area, 2000 - 2004**



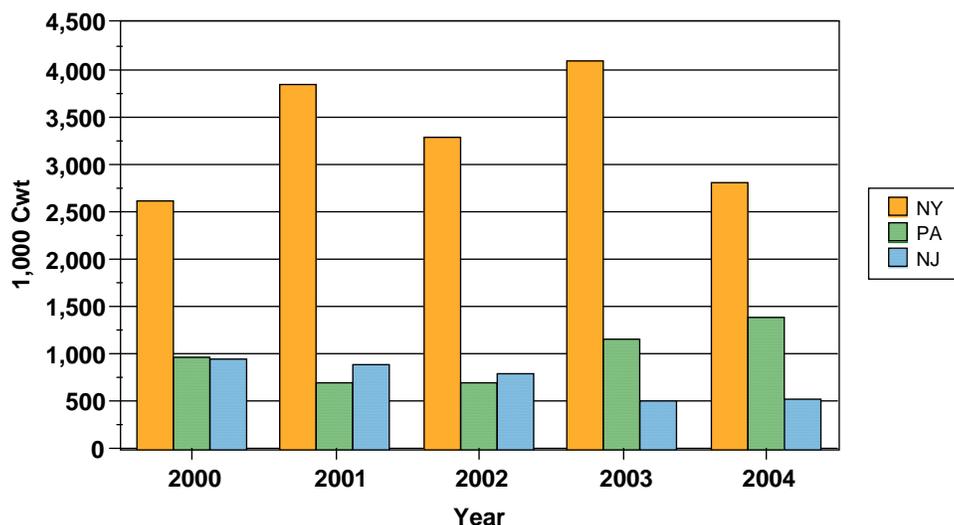
Fresh Market Sweet Corn Total Production

New Jersey's final total production for 2004 was 52.5 million pounds, an increase of 4 percent from 2003. For the past ten years, production has ranged between a low of 50.7 million pounds to a high of 94.5 million pounds. New Jersey and Pennsylvania's total production increased, while New York's total production decreased significantly.

Fresh Market Sweet Corn Total Production Tri-State Area and United States, 1995 - 2004

YEAR	NJ	NY	PA	US
-- 1,000 Cwt --				
1995	680	2,593	808	21,792
1996	714	2,033	1,105	23,127
1997	633	1,993	880	23,641
1998	689	2,628	1,026	26,307
1999	440	3,202	695	25,762
2000	945	2,613	964	26,027
2001	890	3,841	701	26,815
2002	791	3,278	696	26,480
2003	507	4,094	1,166	28,503
2004	525	2,800	1,392	29,110
Average	681	2,908	943	25,756

Fresh Market Sweet Corn Total Production Tri-State Area, 2000 - 2004



**New Jersey
Fruit and Vegetable Summary, 2004**

Crops	Acres Harvested	Yield per Acre 1/	Total Production 2/	Season Average Price	Value of Production	
					Total 3/	Per Acre
Fruit Crops	-acres-	-lbs-	-1,000 lbs-	-cents/lb-	-\$1,000-	-\$-
Apples	2,300	17,400	38,000	15.1	5,740	2,496
Blueberries	7,500	5,200	39,000	117.0	45,630	6,084
Cranberries	3,100	12,970	39,400	34.3	13,514	4,359
Peaches	7,600	8,560	61,000	38.0	23,180	3,050
Strawberries 4/	300	4,000	1,200	162.0	1,944	6,480
Vegetables for Fresh Market	-acres-	-cwt-	-1,000 cwt-	-\$/cwt-	-\$1,000-	-\$-
Asparagus 4/	1,100	27	30	90.00	2,700	2,455
Cabbage	1,500	375	563	11.50	6,475	4,317
Collards 4/	500	175	88	23.50	2,068	4,136
Cucumbers	3,100	220	682	22.70	15,481	4,994
Eggplant 4/	800	210	168	32.00	5,376	6,720
Escarole & Endive 4/	600	175	105	23.10	2,426	4,043
Kale 4/	400	170	68	21.30	1,448	3,620
Lettuce, Head	800	205	164	23.60	3,870	4,838
Lettuce, Romaine & Leaf 4/	1,100	200	220	19.50	4,290	3,900
Peppers, Bell	3,500	265	928	25.00	23,200	6,629
Pumpkins 4/	1,800	80	144	24.00	3,456	1,920
Snap Beans	3,100	40	124	52.00	6,448	2,080
Spinach	1,900	90	171	22.20	3,796	1,998
Squash, Summer 4/	2,200	120	264	41.50	10,956	4,980
Squash, Winter 4/	900	70	63	17.60	1,110	1,233
Sweet Corn	7,500	70	525	20.80	10,920	1,456
Tomatoes	3,000	230	690	37.00	25,530	8,510
Total - Fresh Market	33,800	148	4,997	25.90	129,550	3,833
Principal Processing Vegetables	-acres-	-tons-	-tons-	-\$/tons-	-\$1,000-	-\$-
Total - Processing 5/	9,100	7.25	65,970	126.10	8,317	914

1/ Yield per acre is based on total production, except for blueberries, which is based on utilized production.

2/ Total production is actually utilized production for fruit crops.

3/ Total value of production for fruit crops is based on utilized production only.

4/ These vegetables are in the state estimating program only.

5/ Not published separately to avoid disclosing individual operations. Processing vegetables include carrots, cucumbers, green peas, lima beans, snap beans, spinach, sweet corn, and tomatoes.

**Fresh Market Sweet Corn, Official Estimates
1939 to 1971**

Crop Year	Planted Acres	Harvested Acres	Yield per acre (cwt)	Production (000 cwt)	Season Avg. Price (\$/cwt)	Farm Value (000 \$)
1939		23,000	38	862	1.20	1,035
1940		22,000	40	880	1.80	1,584
1941		21,000	45	945	1.80	1,701
1942		21,000	42	892	2.00	1,785
1943		20,000	38	750	3.30	2,475
1944		21,000	32	682	3.10	2,116
1945		21,000	42	892	4.90	4,373
1946		21,000	40	840	3.80	3,192
1947		22,000	38	825	2.90	2,392
1948		19,000	45	855	4.50	3,848
1949	22,000	20,000	35	700	3.00	2,100
1950	20,000	19,000	42	798	3.30	2,468
1951	19,500	19,000	45	855	3.20	2,608
1952	19,400	18,000	42	756	4.60	3,478
1953	18,000	16,000	50	800	4.70	3,760
1954	18,700	15,800	55	869	4.90	4,258
1955	18,500	16,600	40	664	2.70	1,793
1956	16,000	15,000	65	975	4.65	4,534
1957	15,500	14,500	60	870	5.30	4,611
1958	15,500	15,000	65	975	4.00	3,900
1959	15,000	14,000	80	1,120	3.65	4,088
1960	14,000	13,500	70	945	4.75	4,489
1961	14,000	13,500	75	1,012	4.25	4,301
1962	14,500	14,000	75	1,050	3.10	3,255
1963	15,000	14,500	70	1,015	3.40	3,451
1964	15,000	14,000	65	910	3.85	3,504
1965	14,500	14,000	80	1,120	3.10	3,472
1966	13,800	12,300	65	800	5.10	4,080
1967	11,900	11,400	75	855	3.50	2,992
1968	11,500	11,300	75	848	4.10	3,477
1969	12,000	11,500	75	863	3.66	3,159
1970	11,400	11,200	80	896	4.40	3,942
1971	11,600	11,100	70	777	5.32	4,134

**Fresh Market Sweet Corn, Official Estimates
1972 to 2004**

Crop Year	Planted Acres	Harvested Acres	Yield per acre (cwt)	Production (000 cwt)	Season Avg. Price (\$/cwt)	Farm Value (000 \$)
1972	11,700	11,000	65	715	6.83	4,883
1973	11,200	10,800	70	756	6.91	5,224
1974	11,000	10,600	73	774	8.73	6,757
1975	11,300	10,900	70	763	7.69	5,817
1976	11,600	11,100	70	777	9.63	7,483
1977	11,600	11,100	70	777	7.57	5,882
1978	12,500	11,400	70	798	8.54	6,815
1979	13,000	11,000	70	770	10.30	7,931
1980	11,000	10,500	73	767	12.10	9,281
1981	11,700	11,500	78	897	12.40	11,123
1982	13,000	12,500	74	925	12.30	11,378
1983	12,500	12,000	70	840	13.40	11,256
1984	13,000	12,500	80	1,000	11.30	11,300
1985	13,300	12,800	85	1,088	10.30	11,206
1986	12,600	12,200	80	976	14.40	14,054
1987	12,000	11,300	80	904	13.50	12,204
1988	11,500	10,000	62	620	16.70	10,354
1989	10,000	8,600	62	533	17.80	9,487
1990	10,000	9,500	78	741	14.10	10,448
1991	9,700	9,000	84	756	15.50	11,718
1992	9,500	9,000	90	810	14.60	11,826
1993	9,700	8,800	95	836	19.00	15,884
1994	10,000	9,000	85	765	16.90	12,929
1995	10,500	10,000	68	680	16.60	11,288
1996	11,000	10,500	68	714	21.90	15,637
1997	11,700	11,500	55	633	20.10	12,723
1998	11,300	10,600	65	689	19.40	13,367
1999	10,500	8,000	55	440	15.00	6,600
2000	10,500	9,000	105	945	18.90	17,861
2001	9,200	8,900	100	890	17.60	15,664
2002	9,000	8,500	93	791	21.80	17,244
2003	8,500	7,800	65	507	23.90	12,117
2004	8,200	7,500	70	525	20.80	10,920