

FRUITS AND BERRIES

The 2001 fruit growing season was marked by several devastating hail storms in the Hudson Valley that affected all tree fruits in that region. There were also scattered losses from spring frost damage to buds. Across the state, hot, dry weather brought fruit to early maturity. Irrigation was needed in most regions.

The value of New York's 2001 tree fruit, berry, and grape production totaled \$180 million, up slightly from the 2000 value. The value of utilized production was above the previous year for all fruits except tart cherries, pears, blueberries, peaches, and grapes.

The 2001 **APPLE** crop in New York was up 1 percent to 1,000 million pounds. McIntosh was the leading variety produced in the State, accounting for 18 percent of the total production. Following McIntosh were Empire, Red Delicious, Cortland, Golden Delicious, and Rome. This year's value of utilized apple production, based on packinghouse door equivalent returns, totaled \$112 million. New York ranks second in apple production behind Washington.

GRAPE production in New York decreased 3 percent from 2000 to 149,000 tons. Fresh grapes totaled 1,000 tons while 148,000 tons were crushed by wineries and processors. Grapes utilized for juice accounted for 72 percent of the total grapes processed with the remaining 28 percent going for wine.

The value of the 2001 grape crop is estimated at \$45.0 million, 2 percent below the 2000 crop value. New York ranked third in grape production behind California and Washington.

New York's **TART CHERRY** crop is estimated at 14.7 million pounds, down 11 percent from the 2000 crop of 16.6 million pounds. The value of utilized production is estimated at \$2.76 million. New York ranked fourth nationally in tart cherry production behind Michigan, Utah, and Washington.

New York **SWEET CHERRY** production, at 1,100 tons, is up 22 percent from the 900 tons produced in 2000. The 2001 crop is valued at \$1.61 million compared to \$1.23 million a year ago.

PEACH production for the Empire State is placed at 12.5 million pounds, up 4 percent from the 2000 level. The value of the 2001 crop, at \$3.74 million, is down 14 percent from 2000.

Production of **PEARS** in New York is estimated at 11,000 tons, down 24 percent from the 2000 output of 14,500 tons. The 2001 crop is valued at \$4.01 million, down 12 percent from 2000. New York ranks fourth nationally in pear production.

The 2001 **STRAWBERRY** crop in New York was down 8 percent from 2000 to 6.00 million pounds. The value of utilized production is estimated at \$7.08 million, up 4 percent from the \$6.83 million in 2000. New York ranks seventh in strawberry production.

New York's **RED RASPBERRY** crop is estimated at 1.10 million pounds, down 15 percent from the 1.30 million pounds produced in 2000. This year's value of utilized production, at \$1.90 million is up 12 percent from 2000.

Production of **BLUEBERRIES** for the Empire State was placed at 1.70 million pounds, down 15 percent from the 2000 level of 2.00 million pounds. The 2001 crop is valued at \$1.77 million. This is a decrease of 3 percent from the \$1.82 million in 2000.

Table 19. **FRUIT:** Production and Value of Major Fruits, 1992-2001 ^{1/}

Year	Utilized Production	Value
	<i>Tons</i>	<i>1,000 dollars</i>
1992	793,460	176,006
1993	589,440	158,723
1994	777,620	191,833
1995	756,070	191,977
1996	732,200	210,319
1997	722,720	203,840
1998	630,300	170,033
1999	850,950	224,851
2000	653,950	179,197
2001	647,325	179,726

^{1/} Includes apples, grapes, tart and sweet cherries, peaches, pears, blueberries, and strawberries. Beginning in 1995, also includes red raspberries.

Table 20. **APPLES:** Bearing Acres, Production, and Value, 1992-2001

Crop Year	Acres of bearing age	Production		Value	
		Total	Utilized production	Marketing year average price ^{1/}	Value of utilized production
		<i>Thousands</i>	<i>Million pounds</i>	<i>Cents per lb.</i>	<i>1,000 dollars</i>
1992	56.0	1,170	1,170	9.90	116,090
1993	56.0	870	870	11.60	101,090
1994	57.0	1,100	1,100	11.80	129,680
1995	57.5	1,110	1,110	12.10	134,490
1996	57.5	1,030	1,030	13.50	138,850
1997	55.0	1,120	1,120	12.60	141,320
1998	55.0	1,070	960	11.40	109,560
1999	55.0	1,260	1,230	11.40	140,230
2000	55.0	995	935	11.70	109,075
2001	55.0	1,000	940	11.90	111,860

^{1/} Packinghouse door equivalent.

Table 21. **APPLES:** Utilization and Price, 1992-2001 ^{1/}

Crop Year	Fresh Use		Processed			
	Quantity	Marketing year average price	Total	Marketing year average price ^{1/}	Canned	Marketing year average price
	<i>Million lbs.</i>	<i>Cents per lb.</i>	<i>Million lbs.</i>	<i>Dollars per ton</i>	<i>Million lbs.</i>	<i>Dollars per ton</i>
1992	520	14.2	650	129	310	146
1993	400	17.4	470	133	218	150
1994	490	18.0	610	135	283	148
1995	480	18.7	630	141	271	156
1996	500	17.7	530	190	300	212
1997	520	17.6	600	166	335	186
1998	420	15.8	540	160	292	192
1999	590	16.5	640	134	310	164
2000	460	17.0	475	130	246	158
2001	420	18.4	520	133	320	152

Crop Year	Processed					
	Juice and Cider	Marketing year average price	Frozen	Marketing year average price	Other ^{2/}	Marketing year average price
	<i>Million lbs.</i>	<i>Dollars per ton</i>	<i>Million lbs.</i>	<i>Dollars per ton</i>	<i>Million lbs.</i>	<i>Dollars per ton</i>
1992	250	98	62	160	28	146
1993	155	92	63	164	34	152
1994	195	100	67	164	65	156
1995	280	122	59	168	20	180
1996	182	146	35	226	13	188
1997	160	106	88	202	17	144
1998	170	92	68	200	10	129
1999	266	90	45	168	19	164
2000	189	88	26	168	14	128
2001	155	86	30	150	15	164

^{1/} Packinghouse door equivalent price.

^{2/} Includes vinegar, jelly, apple butter, mincemeat, fresh slices, and dried.



Table 22. **APPLES:** Receipts and Utilization at New York Processing Plants and Cider Mills, 1992-2001

Crop Year	Total received <u>1/</u>	Receipts from other states <u>2/</u>	Million pounds				Other products <u>3/</u>	Cider and juice made <u>4/</u> <i>Thous. gal.</i>
			Used for canning and applesauce	Used for juice and cider	Used for freezing			
1992	634.3	54.0	297.1	246.4	62.4	28.4	24,640	
1993	489.1	56.7	214.2	184.6	69.2	21.2	15,510	
1994	530.8	40.3	238.2	198.1	70.1	24.4	17,534	
1995	624.7	68.1	258.8	281.1	64.2	20.6	23,170	
1996	464.3	49.5	235.9	184.2	34.3	9.9	17,595	
1997	505.6	54.0	257.0	152.9	84.4	11.3	20,150	
1998	471.8	34.0	241.8	144.8	78.1	7.1	17,379	
1999	574.7	50.0	261.9	244.4	50.2	18.2	<u>5/</u>	
2000	444.0	37.3	216.2	184.1	30.7	13.0	14,779	
2001	471.6	32.8	267.4	158.9	31.1	13.7	<u>6/</u>	

1/ Excludes New York grown apples processed in other states.

2/ Included in preceding column.

3/ Includes vinegar, jelly, apple butter, mincemeat, fresh slices, and dried.

4/ Unconcentrated.

5/ Not published to avoid disclosure of individual operations.

6/ Estimate discontinued.

Table 23. **TART CHERRIES:** Bearing Acres, Production, Utilization, and Value, 1992-2001

Crop Year	Acres of bearing age	Production				Fresh Use		Processed	
		Total	Utilized ^{1/}	Marketing year average price	Value of utilized production	Quantity	Marketing year average price	Total	Marketing year average price
		<i>Thous.</i>	<i>Million lbs.</i>	<i>Cents per lb.</i>	<i>1,000 dol.</i>	<i>Mil. lbs.</i>	<i>Cents per lb.</i>	<i>Mil. lbs.</i>	<i>Cents per lb.</i>
1992	4.0	31.0	22.1	18.2	4,015	0.1	55.0	22.0	18.0
1993	4.0	15.7	15.2	10.3	1,570	0.1	60.0	15.1	10.0
1994	4.0	26.0	23.7	12.4	2,934	0.1	55.0	23.6	12.2
1995	4.0	32.0	20.0	5.6	1,116	0.2	63.0	19.8	5.0
1996	3.5	19.0	14.2	14.4	2,042	0.2	76.0	14.0	13.5
1997	2.6	14.5	13.2	17.3	2,286	0.2	103.0	13.0	16.0
1998	2.6	14.0	12.2	18.0	2,200	0.2	98.0	12.0	16.7
1999	2.6	17.0	17.0	15.7	2,666	0.1	80.0	16.9	15.3
2000	2.2	16.6	16.6	21.3	3,536	0.1	120.0	16.5	20.7
2001	2.2	14.7	14.1	19.6	2,763	0.1	103.0	14.0	19.0

^{1/} Excludes mature fruit not harvested.

Table 24. **SWEET CHERRIES:** Bearing Acres, Production, and Value, 1992-2001

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
		<i>Thous.</i>	<i>Tons</i>		
1992	0.50	1,100	510	976	498
1993	0.45	700	700	850	595
1994	0.45	900	820	850	697
1995	0.45	1,100	1,000	960	960
1996	0.50	700	600	1,420	854
1997	0.75	650	620	1,720	1,069
1998	0.75	700	650	2,070	1,346
1999	0.75	1,050	1,000	1,490	1,494
2000	0.70	900	900	1,370	1,230
2001	0.70	1,100	1,050	1,530	1,610

^{1/} Excludes mature fruit not harvested.

Figure 2. **RELATIVE VALUE OF NEW YORK FRUIT CROPS, 2001**
(Million Dollars)

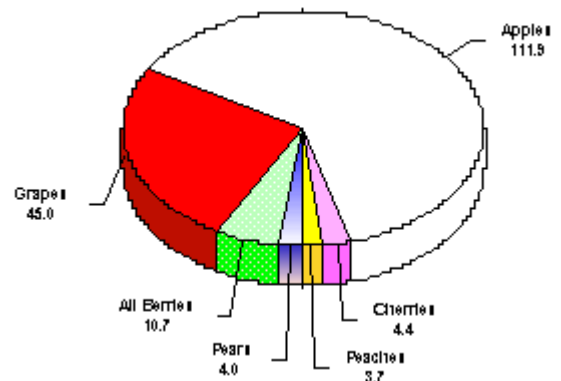


Table 25. **PEACHES:** Bearing Acres, Production, and Value, 1992-2001

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
		<i>Thous.</i>	<i>Million pounds</i>		
1992	1.9	14.0	13.7	26.2	3,595
1993	1.6	9.0	9.0	29.6	2,660
1994	1.6	7.0	7.0	25.1	1,757
1995	1.6	11.5	11.0	20.7	2,280
1996	1.6	12.0	11.5	34.8	4,003
1997	1.6	12.0	11.5	46.1	5,296
1998	1.6	10.0	8.5	41.6	3,538
1999	1.6	14.0	12.0	45.4	5,454
2000	1.6	12.0	11.3	40.0	4,524
2001	1.6	12.5	12.0	31.3	3,736

^{1/} Excludes mature fruit not harvested.

Table 26. **PEARS:** Bearing Acres, Production, and Value, 1992-2001

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
		<i>Thous.</i>	<i>Tons</i>		
1992	2.4	16,500	15,500	305	4,734
1993	2.4	15,000	14,500	261	3,781
1994	2.4	16,000	16,000	303	4,848
1995	2.5	14,500	14,500	372	5,392
1996	2.4	15,000	15,000	383	5,748
1997	2.0	8,000	8,000	384	3,070
1998	2.0	11,500	10,000	375	3,754
1999	2.0	12,500	11,300	388	4,390
2000	2.0	14,500	12,900	353	4,551
2001	2.0	11,000	10,000	401	4,008

^{1/} Excludes mature fruit not harvested.

Table 27. **GRAPES:** Bearing Acres, Production, Utilization, and Value, 1992-2001

Crop Year	Acres of bearing age	Production				Fresh Use	
		Total all varieties	Utilized all varieties ^{1/}	Marketing year average price	Value of utilized production	Quantity	Marketing year average price
		<i>Thous.</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>	<i>Tons</i>
1992	33.0	180,000	170,000	221	37,584	2,000	480
1993	32.5	118,000	118,000	222	26,165	3,000	480
1994	33.0	190,000	187,000	213	39,761	4,000	470
1995	33.0	165,000	163,000	228	37,218	4,000	480
1996	33.0	189,000	184,000	257	47,220	4,000	600
1997	31.5	139,000	137,000	292	40,024	3,000	790
1998	31.5	128,000	125,000	311	38,884	2,000	500
1999	31.5	205,000	204,000	286	58,366	2,000	600
2000	31.5	154,000	154,000	298	45,940	2,000	550
2001	31.5	149,000	149,000	302	45,004	1,000	900

Crop Year	Processed					
	Quantity	Marketing year average price	Wine	Marketing year average price	Sweet Juice and Other	Marketing year average price
	<i>Tons</i>	<i>Dollars per ton</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Tons</i>	<i>Dollars per ton</i>
1992	168,000	218	58,000	244	110,000	205
1993	115,000	215	41,000	236	74,000	203
1994	183,000	207	82,000	217	101,000	198
1995	159,000	222	51,000	259	108,000	205
1996	180,000	249	58,000	282	122,000	234
1997	134,000	281	44,000	328	90,000	258
1998	123,000	308	36,000	392	87,000	273
1999	202,000	283	50,000	348	152,000	262
2000	152,000	295	41,000	377	111,000	265
2001	148,000	298	41,000	391	107,000	262

Table 28. **GRAPES:** New York Grown Grapes Processed, by Variety, 1992-2001 ^{1/}

Variety	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
	<i>Tons</i>									
American Varieties:										
Catawba	10,124	6,636	10,116	8,700	7,900	7,335	6,090	9,600	6,400	7,760
Concord	123,919	82,914	136,000	111,000	139,000	96,600	89,400	154,500	113,300	107,200
Delaware	1,937	2,407	2,316	2,350	1,650	1,010	550	1,180	630	550
Ives ^{3/}						130	115	210	140	150
Elvira	3,606	3,533	4,826	4,600	5,100	4,110	3,080	4,540	3,660	3,950
Niagara	9,676	9,623	15,300	15,600	10,700	12,800	10,000	17,200	13,900	15,100
French Hybrids:										
Aurora	7,204	3,121	6,282	5,250	4,900	3,295	4,080	4,240	4,060	2,880
Baco Noir	1,449	824	923	1,300	1,200	670	890	730	720	990
Cayuga White	1,143	313	523	740	1,000	630	840	860	740	670
DeChaunac	1,385	1,363	1,126	1,450	910	575	710	940	670	850
Rougeon	587	414	735	800	720	585	420	660	540	680
Seyval Blanc	1,215	575	678	900	900	600	650	850	550	610
Vitis Vinifera, All	2,422	1,115	1,134	3,435	3,700	3,650	4,015	4,030	4,670	4,410
Other Varieties, All	2,969	1,939	2,743	2,625	2,200	2,010	2,160	2,460	2,020	2,200
TOTAL	168,000	115,000	183,000	159,000	180,000	134,000	123,000	202,000	152,000	148,000

^{1/} Includes New York grown grapes received at out-of-state plants.

^{2/} Includes other American and French Hybrid varieties not shown.

^{3/} Estimates began in 1997.

Table 29. **BERRIES:** Area Harvested, Yield, Production, and Value, 1992-2001

Crop Year	Area Harvested <i>Acres</i>	Production <i>1,000 pounds</i>		Marketing year average price <i>Dollars per cwt.</i>	Value of utilized production <i>1,000 dol.</i>
		Total	Utilized		
STRAWBERRIES					
1992	2,600	7,800		107.00	8,346
1993	2,600	15,600		136.00	21,216
1994	2,400	9,600		112.00	10,752
1995	2,200	7,700		107.00	8,239
1996	1,900	7,400		120.00	8,880
1997	1,600	6,700		101.00	6,767
1998	1,600	6,100		115.00	7,015
1999	1,600	7,800		106.00	8,268
2000	1,600	6,500		105.00	6,825
2001	1,600	6,000		118.00	7,080
BLUEBERRIES					
				<i>Dollars per lb.</i>	
1992	650	1,500	1,300	.88	1,144
1993	560	1,680	1,680	.98	1,646
1994	660	1,400	1,300	1.08	1,404
1995	600	1,200	1,100	1.00	1,104
1996	650	1,300	1,200	1.02	1,229
1997	700	1,600	1,500	1.07	1,602
1998	700	1,600	1,500	1.02	1,536
1999	700	1,900	1,600	1.08	1,733
2000	700	2,000	1,900	.96	1,816
2001	700	1,700	1,500	1.18	1,765

