



# New England Agricultural Statistics Service

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NASS

## New England Fruits and Vegetables 2004 Crop

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**A special "THANK YOU" goes to the New England agricultural producers who helped us by completing the Fruits and Vegetables Survey in the fall of 2004. Funding for this project was provided by the State Departments of Agriculture in Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.**

**Introduction:** We are pleased to present the **New England Fruits and Vegetables Report** for crops produced in 2004. The New England Agricultural Statistics Service is in the third year of a five-year study of fruit and vegetable prices and yields at the request of USDA's Farm Service Agency (FSA). Funding was provided by the State Departments of Agriculture in Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. This data series will be extremely valuable for growers to use in making production and marketing decisions, for State FSA offices to administer farm programs based on individual state yield and price data, for Cooperative Extension to provide needed outreach and education, and for the State Departments of Agriculture to assist growers.

Over 3,000 tree fruit, berry and vegetable growers were contacted in October and November of 2004 in the six-State region. Approximately 2,100 producer responses were tabulated for this publication. The survey was designed to provide state and regional prices and yields for selected fruit and vegetable commodities which were not in the National Agricultural Statistics Service (NASS) estimating program. Producers in Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont were asked to provide acreage, production, wholesale and retail price information for tree fruits, berries and 28 selected vegetable crops.

The **New England Fruits and Vegetables Report** compiles all the 2002, 2003, and 2004 fruit and vegetable data published by the New England Agriculture Statistics Service into one report. Since total acreage data was not available for most fruit and vegetable crops, the data from the 2002 Census of Agriculture was also included.

The success of this project is credited to the cooperation of the thousands of growers across New England. We sincerely appreciate their time and effort in supplying crop information. As with all NASS survey work, individual grower information is kept strictly confidential and is exempted from requests under the Freedom of Information Act. The individual reports were only used in combination with other reports to establish state and regional estimates. Estimates in this report that could disclose individual farm data were recorded as a "D".

**Fresh Market Vegetables:** Cool, wet weather in the spring delayed planting of sweet corn and other vegetable crops, but good growing conditions throughout June and July helped to bring about good yields for most summer vegetables. Insect pressure was high in some spots, but not unmanageable. The lack of sunshine in August slowed the maturing process for many late vegetables, and wet weather caused concerns of mildew and mold on some crops, and promoted earworm and corn borer problems with sweet corn. Tomatoes were reported smaller and ripening later due to a lack of sunshine. Sunny days at the end of August were followed by cold nights, which slowed ripening further. Seasonable temperatures in September helped to accelerate the fall harvest before the first major frost hit the region in early October.

**Survey Specifics:** The "All Price Per Pound" column includes fresh market vegetables only, and represents the average price received by growers at

the point of first sale, including both retail and wholesale prices. New England agriculture's proximity to large populations have encouraged farmers to market directly to the public through roadside stands and "Pick Your Own" (PYO) ventures; thus, commanding the higher retail price at many farm locations. Differences in average prices between States for an individual crop are largely attributed to the amount of crop sold retail or wholesale in that state. Most vegetable growers were able to provide price data. The lack of adequate farm records hindered many producers from responding to the production questions. The yield data series was modified from providing a yield that would represent a total state average, to publishing the average yield from reports tabulated.

**Tree Fruits:** New England utilized **apple** production in 2004 totaled 4.3 million bushels (42-pound units), 12 percent above the 2003 utilized output. A cool, wet spring increased the incidence of apple scab and slowed bee activity in some areas. Poor pollination and winter kill from the lack of snow cover resulted in a poor start for the 2004 crop. In northern regions, a mix of sun and rain throughout the summer promoted a high yielding crop, whereas in southern regions, wet conditions limited full crop potential. Prolonged rains through mid-August delayed the start of early apple harvest. By mid-September, harvest had reached the halfway mark and conditions were rated as good to excellent in most areas. A preliminary estimate of utilized production placed 2004 New England crop value at \$60.3 million, 21 percent above the previous year. A revised estimate of value will be available July 6, 2005, after the majority of the 2004 crop has been marketed.

The 2004 Connecticut pear crop had breezy and cool weather conditions at full bloom which promoted less than optimal pollination. Humid, wet weather persisted throughout the summer, resulting in average fruit set and size. Crop conditions at harvest were extremely variable, and ranged from very poor to good across Connecticut. Utilized pear production in Connecticut totaled 36,000 bushels (50-pound units), 29 percent below last year's high yielding crop. The yield for the five remaining New England states averaged 68 bushels per bearing acre, 24 percent below last year's crop.

A cool, wet spring also provided less than optimal pollinating weather for the 2004 Connecticut **peach** crop; however, timely rains during the growing season improved crop condition. The Massachusetts' peach crop suffered unfavorable wet, humid days during the summer months which resulted in poor growing conditions and lower yields. Harvest was underway by the last week of July, and winding down by the end of September, with overall crop condition good to fair and fruit size average. Utilized peach production in Connecticut and Massachusetts in 2004, totaled 75,000 bushels (48-pound units), 14 percent lower than the 2003 utilized output. In the four remaining states, yields averaged 102 bushels per bearing acre, 35 percent below last year's crop. Many producers reported a complete crop failure due to winterkill and cold temperatures.

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FRESH MARKET BERRIES: Yield and Price, 2002 - 2004

Crops	Number of Reports <sup>1/</sup>			Yield per Acre <sup>2/</sup>			Number of Reports <sup>3/</sup>			All Price per Pound <sup>4/</sup>		
	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
	Number			Pounds			Number			Dollars		
<b>Blueberries, Cultivated (High Bush)</b>												
Maine	22	13	22	3,100	2,300	2,300	37	33	49	1.25	1.85 <sup>5/</sup>	1.95
Massachusetts	71	44	59	2,600	2,800	2,400	97	115	135	1.75	1.75 <sup>5/</sup>	2.00
New Hampshire	35	26	37	4,000	2,600	3,500	47	51	64	1.60	1.70 <sup>5/</sup>	1.95
Rhode Island	9	10	9	2,800	1,400	2,700	16	18	21	1.40	1.65	1.50
Vermont	28	13	23	3,700	2,400	2,500	35	27	46	1.70	1.90 <sup>5/</sup>	2.10
NEW ENGLAND <sup>6/</sup>	165	106	150	3,100	2,500	2,600	232	244	315	1.60	1.65	1.95
<b>Raspberries, All</b>												
Maine	21	17	21	2,000	1,000	2,000	33	44	69	2.85	3.35	3.45
Massachusetts	39	28	31	1,750	2,700	2,100	67	69	111	3.15	3.75	3.75
New Hampshire	24	11	19	2,500	1,750	2,100	29	37	44	2.85	3.60	3.45
Rhode Island	D	D	D	D	D	D	D	9	15	D	2.75	4.00
Vermont	14	15	14	2,100	1,500	1,700	21	23	39	3.10	3.75	3.65
NEW ENGLAND <sup>6/</sup>	D	D	D	2,000	1,900	2,100	D	182	278	3.00	3.60	3.65
<b>Strawberries</b>												
Maine	30	38	31	6,150	6,900	5,000	54	65	64	1.50	1.45	1.65
Massachusetts	46	36	39	5,500	6,400	6,200	71	88	108	1.65	1.75 <sup>5/</sup>	1.80
New Hampshire	24	17	19	6,200	6,600	6,400	38	36	43	1.55	1.80 <sup>5/</sup>	2.00
Rhode Island	D	D	D	D	D	D	D	7	8	D	1.65	1.65
Vermont	24	22	24	5,900	5,100	5,200	37	40	53	1.70	1.80	1.85
NEW ENGLAND <sup>6/</sup>	D	D	D	5,800	6,150	5,400	D	236	276	1.60	1.65	1.80

<sup>1/</sup> Number of farms reporting production or yield. <sup>2/</sup> Total tabulated pounds produced per bearing acre harvested. <sup>3/</sup> Number of farms reporting a berry price. <sup>4/</sup> Average price per pound received at point of first sale; fresh market average of retail and wholesale sales. <sup>5/</sup> Revised. <sup>6/</sup> New England includes ME, MA, NH, RI, and VT. D - Data withheld to avoid disclosing information for individual farms.

MAINE WILD BLUEBERRIES: Production and Value, 2002 - 2004

Year	Total Production 1,000 Lbs	All Price per Pound Cents	Total Value of Production 1,000 Dollars	Fresh Blueberries			Blueberries for Processing		
				Production 1,000 Lbs	Price per Pound Dollars	Value of Production 1,000 Dollars	Production 1,000 Lbs	Price per Pound Cents	Value of Production 1,000 Dollars
2002	62,400	29	17,860	400	1.25	500	62,000	28	17,360
2003	80,400	33	26,880	400	1.20	480	80,000	33	26,400
2004 <sup>1/</sup>	46,000	41	18,670	300	1.30	390	45,700	40	18,280

<sup>1/</sup> Preliminary Price per Pound and Value of Production. Final price statistics to be published in July 2005.

SOURCE: *Noncitrus Fruits and Nuts - Preliminary*, 3:00 p.m., January 25, 2005, National Agricultural Statistics Service, USDA.

MASSACHUSETTS CRANBERRIES: Acres, Yield, Production, Utilization, Price and Value, 2002 - 2004

Year	Area Harvested Acres	Yield per Acre Barrels <sup>2/</sup>	Production		Utilization		Price per Barrel <sup>1/</sup>			Value of Utilized Production 1,000 Dollars
			Total 1,000 Barrels <sup>2/</sup>	Utilized 1,000 Barrels <sup>2/</sup>	Fresh	Processed	Fresh Dollars	Processed Dollars	All Dollars	
2002	14,500	100.1	1,452	1,452	154	1,298	50.30	30.70	32.80	47,595
2003	14,400	97.6	1,406	1,406	107	1,299	56.20	32.10	33.90	47,711
2004 <sup>3/</sup>	14,100	127.9	1,804	1,804	157	1,647	56.90	32.70	34.80	62,790

<sup>1/</sup> Weighted average of co-op and independent sales. Co-op prices represent pool proceeds less returns for processing non-cranberry products, capital stock dividends, capital stock retains and other retains. <sup>2/</sup> Standard weight used for one barrel of cranberries is 100 pounds. <sup>3/</sup> Updated price and value for the 2004 crop is scheduled for release on July 6, 2005.

SOURCE: *Noncitrus Fruits and Nuts - Preliminary*, 3:00 p.m., January 25, 2005, National Agricultural Statistics Service, USDA.

MAINE CRANBERRIES: Acres, Yield, Production, Utilization, Price and Value, 2002 - 2004

Year	Area Harvested Acres	Yield per Acre Barrels	Production		Utilization		Price per Barrel Dollars	Value of Utilized Production 1,000 Dollars
			Total 1,000 Barrels	Utilized 1,000 Barrels	Fresh	Processed		
2002	219.0	93.4	20.45	20.45	2.63	17.82	47.50	971
2003	226.0	86.6	19.60	19.40	2.54	16.86	60.10	1,167
2004	225.0	90.0	20.25	20.25	1.64	18.61	52.40	1,062

SOURCE: *January 2005*, Cranberry Associate, University of Maine Cooperative Extension, 207-581-2940.

FRESH MARKET VEGETABLES: Yield and Price, 2002 - 2004<sup>1/</sup>

Crops	Number of Reports <sup>2/</sup>			Yield per Acre <sup>3/</sup>			Number of Reports <sup>4/</sup>			All Price per Pound <sup>5/</sup>		
	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
	Number			Pounds			Number			Dollars		
<b>Asparagus</b>												
Maine	5	D	D	700	D	D	11	14	17	2.45	2.30	2.15
Massachusetts	17	12	22	1,400	1,100	1,400	40	36	42	1.80	2.00	2.30
New Hampshire	D	D	D	D	D	D	8	6	D	2.65	2.20	D
Rhode Island	D	D	D	D	D	D	D	D	D	D	D	D
Vermont	14	D	D	2,400	D	D	21	12	14	2.45	2.75	2.60
NEW ENGLAND <sup>7/</sup>	39	19	29	1,500	1,250	1,450	D	D	80	1.95	2.20	2.40
<b>Beans, Snap (Bush and Pole)</b>												
Maine	13	12	8	2,000	3,250	1,900	94	64	95	1.35	1.20	1.35
Massachusetts	41	12	25	2,750	3,400	2,500	101	78	123	1.15	1.10	0.85
New Hampshire	8	5	9	2,250	3,800	4,300	53	36	55	1.60	1.55	1.65
Rhode Island	D	D	5	D	D	3,300	D	6	20	D	1.30	0.65
Vermont	12	5	8	2,650	2,200	3,400	56	33	49	1.50	1.25	1.45
NEW ENGLAND <sup>7/</sup>	D	D	55	2,750	3,100	2,800	D	217	342	1.20	1.20	1.10
<b>Beets</b>												
Maine	D	D	D	D	D	D	60	27	73	1.00	1.10	0.90
Massachusetts	20	D	10	11,500	D	12,000	52	20	75	0.80	0.70	0.90
New Hampshire	6	D	D	17,300	D	D	31	8	33	1.20	1.00	1.00
Rhode Island	D	D	D	D	D	D	D	D	8	D	D	0.75
Vermont	D	D	5	D	D	12,000	39	20	40	0.65	0.60	0.75
NEW ENGLAND <sup>7/</sup>	38	D	25	13,000	D	11,700	D	D	229	0.85	0.85	0.85
<b>Broccoli</b>												
Maine	7	D	D	2,750	D	D	37	D	D	1.15	D	D
Massachusetts	23	D	7	2,650	D	3,000	49	33	67	1.40	1.25	1.20
New Hampshire	5	D	D	2,500	D	D	27	18	36	1.50	1.40	1.50
Rhode Island	D	D	D	D	D	D	6	5	11	1.50	1.50	1.20
Vermont	5	D	7	4,550	D	5,500	32	26	39	1.20	1.20	1.10
NEW ENGLAND <sup>7/</sup>	D	D	D	2,750	D	D	151	D	D	1.20	D	D
<b>Cabbage (All)</b>												
Maine	16	D	D	16,000	D	D	51	26	52	0.30	0.25	0.30
Massachusetts	21	14	10	26,000	22,300	32,000	46	44	72	0.20	0.15	0.25
New Hampshire	5	D	D	14,500	D	D	23	11	30	0.55	0.45	0.35
Rhode Island	D	D	D	D	D	D	6	5	12	0.30	0.25	0.15
Vermont	5	4	8	17,300	17,700	22,000	20	18	35	0.35	0.30	0.25
NEW ENGLAND <sup>7/</sup>	D	24	31	26,000	22,000	28,000	146	104	201	0.25	0.20	0.25
<b>Cantaloupe and Muskmelons</b>												
Maine	7	D	D	24,200	D	D	27	20	37	0.65	0.60	0.75
Massachusetts	17	8	8	3,300	27,400	7,600	42	27	40	0.55	0.55	0.55
New Hampshire	8	D	D	13,100	D	D	32	17	28	0.60	0.65	0.65
Rhode Island	D	D	D	D	D	D	D	5	5	D	0.75	0.80
Vermont	5	D	D	8,500	D	D	21	12	22	0.60	0.75	0.50
NEW ENGLAND <sup>7/</sup>	D	14	21	10,700	19,500	10,000	D	81	132	0.60	0.60	0.60
<b>Carrots</b>												
Maine	13	8	10	8,900	9,900	8,900	53	43	67	0.95	0.95	1.00
Massachusetts	16	D	7	3,000	D	12,000	45	34	55	0.65	0.45	0.65
New Hampshire	D	D	D	D	D	D	24	17	38	1.15	1.20	1.05
Rhode Island	D	D	D	D	D	D	D	D	D	D	D	D
Vermont	13	4	8	12,800	13,100	14,800	41	26	40	0.60	0.65	0.70
NEW ENGLAND <sup>7/</sup>	48	16	29	7,000	11,700	12,800	D	D	D	0.70	0.70	0.80
<b>Cauliflower</b>												
Maine	D	D	D	D	D	D	18	11	31	1.50	1.40	1.15
Massachusetts	D	D	D	D	D	D	15	18	33	1.10	1.00	1.00
New Hampshire	D	D	D	D	D	D	9	8	14	1.70	1.35	1.50
Rhode Island	D	D	D	D	D	D	D	D	6	D	D	0.95
Vermont	D	D	D	D	D	D	9	10	20	1.10	1.00	1.00
NEW ENGLAND <sup>7/</sup>	10	D	D	3,000	D	D	D	D	104	1.25	1.20	1.10
<b>Cucumbers (Excludes Pickles)</b>												
Maine	15	11	12	7,550	16,200	10,400	36	40	127	0.70	0.90	0.85
Massachusetts	39	16	D	12,500	14,000	D	74	62	D	0.70	0.70	D
New Hampshire	7	D	8	4,100	D	9,300	23	31	62	0.85	0.90	0.95
Rhode Island	D	D	D	D	D	D	6	11	25	0.65	0.70	0.70
Vermont	8	D	7	10,300	D	8,900	32	17	54	0.50	0.70	0.55
NEW ENGLAND <sup>7/</sup>	D	38	D	10,700	13,600	D	171	161	D	0.70	0.75	D

FRESH MARKET VEGETABLES: Yield and Price, 2002 - 2004 <sup>1/</sup>

Crops	Number of Reports <sup>2/</sup>			Yield per Acre <sup>3/</sup>			Number of Reports <sup>4/</sup>			All Price per Pound <sup>5/</sup>		
	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
	Number			Pounds			Number			Dollars		
<b>Eggplant</b>												
Maine	7	D	D	5,500	D	D	27	17	23	1.20	1.40	1.25
Massachusetts	36	7	13	16,000	10,200	13,900	93	60	91	0.45	0.60	0.65
New Hampshire	6	D	D	1,800	D	D	28	18	24	1.10	1.15	1.25
Rhode Island	D	D	D	D	D	D	12	9	19	0.50	0.60	0.50
Vermont	D	D	D	D	D	D	17	11	23	1.70	1.80	0.90
NEW ENGLAND <sup>7/</sup>	54	12	26	14,000	10,800	13,500	177	115	180	0.70	0.75	0.70
<b>Lettuce, Head</b>												
Maine	D	D	D	D	D	D	D	4	23	D	1.10	1.10
Massachusetts	D	D	9	D	D	7,300	12	9	44	1.20	1.35	1.10
New Hampshire	D	D	D	D	D	D	D	D	17	D	D	1.10
Rhode Island	D	D	D	D	D	D	D	D	8	D	D	1.30
Vermont	D	D	D	D	D	D	7	D	24	1.00	D	1.00
NEW ENGLAND <sup>7/</sup>	8	D	19	6,500	D	8,600	30	18	116	1.25	1.30	1.10
<b>Lettuce, Leaf</b>												
Maine	D	D	D	D	D	D	25	14	38	2.65	1.95	1.40
Massachusetts	15	6	15	13,800	16,700	10,800	33	22	68	1.20	1.50 <sup>6/</sup>	1.30
New Hampshire	D	D	D	D	D	D	11	8	29	1.50	1.30	1.50
Rhode Island	D	D	D	D	D	D	D	D	D	D	D	D
Vermont	7	D	8	9,800	D	9,500	19	20	27	1.00	0.85	0.80
NEW ENGLAND <sup>7/</sup>	30	10	35	12,500	13,200	10,700	D	D	168	1.20	1.35 <sup>6/</sup>	1.25
<b>Lettuce, Romaine</b>												
Maine	D	D	D	D	D	D	D	4	22	D	1.30	1.25
Massachusetts	D	D	D	D	D	D	16	7	44	1.10	1.55	1.40
New Hampshire	D	D	D	D	D	D	D	D	15	D	D	1.10
Rhode Island	D	D	D	D	D	D	D	D	6	D	D	1.30
Vermont	D	D	D	D	D	D	D	6	20	D	0.50	0.65
NEW ENGLAND <sup>7/</sup>	12	D	17	11,500	D	7,400	30	20	107	1.20	1.10	1.15
<b>Onions, Dry</b>												
Maine	10	D	D	7,250	D	D	46	24	40	0.85	0.85	1.00
Massachusetts	11	D	8	20,500	D	12,000	29	17	45	0.30	0.35	0.35
New Hampshire	6	D	D	6,800	D	D	16	7	20	0.80	1.10	1.05
Rhode Island	D	D	D	D	D	D	D	5	8	D	1.30	1.05
Vermont	5	D	D	7,200	D	D	33	21	32	0.75	0.90	0.85
NEW ENGLAND <sup>7/</sup>	D	10	24	15,000	20,000	11,600	D	74	145	0.50	0.60	0.60
<b>Onions, Green</b>												
Maine	D	D	D	D	D	D	14	10	21	1.55	1.45	1.65
Massachusetts	8	D	D	4,000	D	D	19	9	32	1.40	1.30	1.30
New Hampshire	D	D	D	D	D	D	13	8	15	1.05	1.00	1.30
Rhode Island	D	D	D	D	D	D	D	D	D	D	D	D
Vermont	D	D	D	D	D	D	14	4	21	0.85	0.85	1.50
NEW ENGLAND <sup>7/</sup>	14	D	D	4,500	D	D	D	D	D	1.20	1.20	1.45
<b>Peas, Green (Fresh Only)</b>												
Maine	10	5	15	1,900	1,650	2,300	72	63	89	1.55	1.75	1.80
Massachusetts	18	D	13	6,000	D	3,500	55	35	64	1.70	1.95	2.15
New Hampshire	8	5	8	2,350	2,000	5,000	37	22	40	2.00	2.05	2.45
Rhode Island	D	D	D	D	D	D	7	D	6	2.10	D	2.35
Vermont	8	D	D	3,900	D	D	42	26	44	2.40	2.50	2.15
NEW ENGLAND <sup>7/</sup>	D	18	44	3,400	2,200	3,000	213	D	243	1.80	1.95	2.00
<b>Peppers, Bell</b>												
Maine	11	D	D	5,200	D	D	52	32	65	0.95	1.15	1.10
Massachusetts	50	22	31	17,700	18,600	17,800	124	92	156	0.60	0.60	0.55
New Hampshire	10	D	D	12,500	D	D	39	27	50	0.90	1.20	1.25
Rhode Island	D	D	D	D	D	D	D	D	D	D	D	D
Vermont	9	D	7	16,000	D	14,200	35	22	40	0.85	1.15	0.65
NEW ENGLAND <sup>7/</sup>	D	34	55	16,000	17,000	15,700	D	D	D	0.60	0.75	0.65
<b>Peppers, Other (Excludes Bell)</b>												
Maine	D	D	D	D	D	D	13	12	26	1.40	1.00	1.45
Massachusetts	21	6	13	21,000	13,800	20,300	52	33	74	0.40	0.45	0.30
New Hampshire	7	D	D	10,000	D	D	17	D	21	1.30	D	1.45
Rhode Island	D	D	D	D	D	D	D	D	11	D	D	0.40
Vermont	D	D	D	D	D	D	14	D	19	2.50	D	1.55
NEW ENGLAND <sup>7/</sup>	33	D	D	20,500	D	D	D	58	151	0.55	0.65	0.55

**FRESH MARKET VEGETABLES: Yield and Price, 2002 - 2004 <sup>1/</sup>**

Crops	Number of Reports <sup>2/</sup>			Yield per Acre <sup>3/</sup>			Number of Reports <sup>4/</sup>			All Price per Pound <sup>5/</sup>		
	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
	Number			Pounds			Number			Dollars/Pound		
<b>Pumpkins</b>												
Maine	30	25	38	18,750	14,700	13,500	85	83	164	0.30	0.25	0.35
Massachusetts	114	59	86	8,400	9,100	12,900	211	172	252	0.30	0.30	0.30
New Hampshire	38	27	29	13,850	12,200	13,000	77	70	95	0.30	0.30	0.35
Rhode Island	D	9	12	D	8,300	9,500	17	24	33	0.40	0.30	0.35
Vermont	19	18	28	12,000	9,700	12,200	61	61	88	0.20	0.20	0.20
NEW ENGLAND <sup>7/</sup>	D	138	193	10,700	10,300	12,700	451	410	632	0.30	0.30	0.30
<b>Rutabaga</b>												
Maine	D	D	D	D	D	D	15	D	D	0.25	D	D
Massachusetts	D	D	D	D	D	D	10	8	D	0.30	0.30	D
New Hampshire	D	D	D	D	D	D	D	D	D	D	D	D
Rhode Island	D	D	D	D	D	D	D	D	D	D	D	D
Vermont	D	D	D	D	D	D	D	D	D	D	D	D
NEW ENGLAND <sup>7/</sup>	14	D	D	14,200	D	D	33	23	39	0.35	0.35	0.50
<b>Spinach</b>												
Maine	D	D	D	D	D	D	26	15	34	2.05	1.75	2.15
Massachusetts	5	D	D	2,400	D	D	23	19	33	1.45	0.80	1.30
New Hampshire	D	D	D	D	D	D	11	7	18	2.00	1.20	1.50
Rhode Island	D	D	D	D	D	D	D	D	D	D	D	D
Vermont	5	D	D	2,450	D	D	27	21	32	2.05	2.30	2.10
NEW ENGLAND <sup>7/</sup>	14	D	18	2,000	D	3,100	D	D	D	1.80	1.65	1.80
<b>Squash, Summer</b>												
Maine	20	D	D	6,000	D	D	78	51	100	0.50	0.70	0.85
Massachusetts	48	19	22	13,900	16,500	12,000	139	111	171	0.40	0.55	0.60
New Hampshire	13	D	9	13,000	D	11,800	68	43	64	0.80	0.95	0.90
Rhode Island	D	D	D	D	D	D	16	15	25	0.40	0.50	0.45
Vermont	11	D	8	16,300	D	8,100	54	35	51	0.60	0.70	0.65
NEW ENGLAND <sup>7/</sup>	D	40	51	13,600	12,800	11,600	355	255	411	0.50	0.60	0.60
<b>Squash, Winter</b>												
Maine	31	17	29	5,800	6,800	5,400	98	84	147	0.40	0.40	0.50
Massachusetts	86	42	67	10,900	12,700	14,500	172	150	215	0.25	0.30	0.25
New Hampshire	24	12	17	6,400	11,900	7,600	69	51	72	0.50	0.50	0.45
Rhode Island	D	D	6	D	D	14,000	14	15	27	0.20	0.25	0.20
Vermont	20	12	17	9,750	12,400	8,800	67	61	74	0.35	0.35	0.35
NEW ENGLAND <sup>7/</sup>	D	88	136	10,500	11,900	12,100	420	361	535	0.30	0.35	0.30
<b>Tomatoes</b>												
Maine	15	12	D	8,200	8,300	D	88	85	130	1.45	1.55	1.60
Massachusetts	78	38	43	11,400	10,400	12,600	172	161	230	1.45	1.50	1.45
New Hampshire	23	10	12	11,600	16,600	11,000	71	70	84	1.50	1.60	1.60
Rhode Island	7	10	9	10,600	7,100	14,700	26	25	41	1.15	1.05	1.05
Vermont	13	D	9	6,700	D	16,500	60	51	60	1.50	1.75	1.55
NEW ENGLAND <sup>7/</sup>	136	D	D	10,400	10,200	13,100	417	392	545	1.45	1.50	1.50
<b>Watermelon</b>												
Maine	D	D	D	D	D	D	20	16	22	0.50	0.50	0.55
Massachusetts	16	D	8	7,600	D	13,900	31	22	39	0.40	0.30	0.35
New Hampshire	6	D	D	7,300	D	D	18	8	17	0.50	0.55	0.60
Rhode Island	D	D	D	D	D	D	5	D	6	0.40	D	0.60
Vermont	D	D	D	D	D	D	19	6	13	0.55	0.40	0.40
NEW ENGLAND <sup>7/</sup>	31	D	D	7,350	D	D	93	D	97	0.45	0.40	0.45

<sup>1/</sup> Fresh market vegetable yield data are based on production from farms with 3/10 or more acres harvested of specified crop. Price data are based on reports from farmers with 1/10 or more acres harvested of specified crop. <sup>2/</sup> Number of farms reporting production or yield. <sup>3/</sup> Total tabulated pounds produced per acre harvested. <sup>4/</sup> Number of farms reporting the specified vegetable price. <sup>5/</sup> Average price per pound received at point of first sale. Fresh market average of retail and wholesale sales. <sup>6/</sup> Revised. <sup>7/</sup> New England includes ME, MA, NH, RI, and VT. D - Data withheld to avoid disclosing information for individual farms.

**FALL POTATOES: Yield and Price, 2002 - 2004**

Crops	Yield per Acre <sup>3/</sup>			All Price per Pound <sup>5/</sup>		
	2002	2003	2004	2002	2003	2004
	Cwt			Dollars/Cwt		
Maine <sup>1/</sup>	265	260	310	7.05	6.05	6.45
Massachusetts <sup>1/</sup>	255	265 <sup>3/</sup>	320	7.30	6.00	6.20
New Hampshire <sup>2/</sup>	180	130	170	33.50	50.00	65.00
Rhode Island <sup>1/</sup>	235	285 <sup>3/</sup>	350	7.75	7.00	7.50
Vermont <sup>2/</sup>	180	D	175	17.50	26.00	29.00
NEW ENGLAND <sup>4/</sup>	264	260	310	NA	NA	NA

<sup>1/</sup> ME, MA, RI yield and price for all uses; fresh market processing, seed, and feed. <sup>2/</sup> NH, VT yield for fresh market only; price is fresh market average of retail and wholesale sales. <sup>3/</sup> Revised. <sup>4/</sup> New England includes: ME, MA, NH, RI, VT. SOURCE ME, MA, RI: Crop Production - Annual Summary. 8:30 a.m. January 12, 2005, National Agricultural Statistics Service, USDA. D - Data withheld to avoid disclosing information for individual farms.

## SWEET CORN: Acreage, Yield, Production and Value, 2002 - 2004

Crops	Area Planted for All Purposes			Area Harvested			Yield per Acre			Production			Price per Cwt			Value of Production		
	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
<b>Sweet Corn</b>	1,000 Acres						Cwt			1,000 Cwt			Dollars			Million Dollars		
Connecticut	5.50	5.00	4.70	4.40	4.10	4.30	70	60	80	308	246	344	25	28	31	7.70	6.77	10.66
Maine	2.40	2.20	2.30	2.00	2.00	2.00	55	60	60	110	120	120	34	33	33	3.74	3.90	3.96
Massachusetts	6.60	6.20	6.30	5.70	5.60	5.80	70	75	90	399	420	522	30	32	33	11.97	13.23	16.97
New Hampshire	2.10	2.10	2.00	1.70	1.90	1.80	50	70	70	85	133	126	43	42	42	3.61	5.59	5.29
Rhode Island	1.10	1.10	1.20	0.98	1.00	1.10	65	90	90	64	90	99	31	31	38	1.98	2.79	3.76
Vermont	1.10	1.20	1.20	0.95	1.10	1.00	50	80	55	48	88	55	35	36	39	1.66	3.17	2.15
NEW ENGLAND <sup>1/</sup>	18.80	17.80	17.70	15.73	15.70	16.00	64	70	79	1,014	1,097	1,266	30	32	34	30.66	35.44	42.79

<sup>1/</sup> New England includes CT, ME, MA, NH, RI, and VT.SOURCE: **Vegetables - Annual Summary**, 3:00 p.m., January 28, 2005, National Agricultural Statistics Service, USDA.

## TREE FRUIT: Production and Value, 2002 - 2004

Crops	Bearing Acreage			Yield per Bearing Acre <sup>1/</sup>			Production			Utilized Production			Price per Bushel			Value of Utilized Production		
	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
<b>Apples (42-lb bu)</b>	1,000 Acres			Bushels			1,000 Bushels			Dollars			Million Dollars					
Connecticut	2.20	2.20	2.20	130	233	222	286	512	488	274	476	476	17.30	15.59	17.27	4.74	7.42	8.22
Maine	3.50	3.50	3.50	330	299	343	1,155	1,048	1,202	1,048	952	1,143	15.17	12.54	14.38	15.90	11.94	16.44
Massachusetts	4.10	4.10	4.10	192	247	235	786	1,012	964	667	881	905	16.22	14.53	16.07	10.82	12.80	14.54
New Hampshire	2.10	2.10	2.10	300	295	351	631	619	738	583	583	702	11.99	11.72	11.82	6.99	6.84	8.30
Rhode Island	0.30	0.30	0.30	207	183	183	62	55	55	50	48	55	16.98	16.35	18.56	0.85	0.79	1.02
Vermont	2.70	2.70	2.70	273	370	393	738	1,000	1,060	667	893	1,024	14.15	11.15	11.49	9.44	9.96	11.77
NEW ENGLAND <sup>2/</sup>	14.90	14.90	14.90	246	285	302	3,658	4,246	4,507	3,289	3,833	4,305	14.82	12.98	14.00	48.74	49.74	60.29
<b>Peaches (48-lb bu)</b>																		
Connecticut	0.40	0.40	0.40	68	78	88	27	31	35	27	31	35	33.70	33.87	38.86	0.91	1.05	1.36
Massachusetts	0.37	0.38	0.38	130	166	105	48	63	40	46	56	40	38.26	38.57	35.63	1.76	2.16	1.43
<b>Pears (50-lb bu)</b>																		
Connecticut	--	--	--	--	--	--	20	52	36	20	51	36	21.45	24.90	20.00	0.43	1.27	0.72

<sup>1/</sup> Yield per bearing acre is based on total production, which includes unharvested production and fruit harvested but not sold due to market restrictions. Yield includes reports<sup>2/</sup> from orchards with bearing acreage and no production.<sup>3/</sup> New England includes CT, ME, MA, NH, RI, and VT.SOURCE: **Noncitrus Fruits and Nuts - Preliminary**, 3:00 p.m., January 25, 2005, National Agricultural Statistics Service, USDA.

## PEACHES: Yield and Price, 2002 - 2004

State	Peaches <sup>1/</sup> (48-lb bu)											
	Number of Reports			Yield per Bearing Acre <sup>2/</sup>			Number of Reports			Fresh Market Price per Bushel <sup>3/</sup>		
	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
	Number			Bushels			Number			Dollars		
Maine	10	D	D	45	D	D	8	D	D	38.40	D	D
Massachusetts <sup>4/</sup>	NA	NA	NA	130	166	105	NA	NA	NA	38.26	38.57	35.63
New Hampshire	24	20	24	110	130	80	14	18	D	43.20	43.20	D
Rhode Island	12	15	12	120	155	195	11	12	7	45.60	43.20	42.00
Vermont	D	D	D	D	D	D	D	D	D	D	D	D
NEW ENGLAND <sup>5/</sup>	NA	NA	NA	124	157	102	NA	NA	NA	40.80	39.40	37.00

<sup>1/</sup> Peach data are based on production from orchards with ten or more peach trees.<sup>2/</sup> Yield per bearing acre is based on total production, which includes unharvested production and fruit harvested but not sold due to market restrictions. Yield includes reports from orchards with bearing acreage and no production.<sup>3/</sup> Average fresh market price received by farmers at point of first sale. Insufficient sales to establish a processed price.<sup>4/</sup> Massachusetts Peach Source: **Noncitrus Fruits and Nuts - Preliminary**, 3:00 p.m., January 25, 2005, National Agricultural Statistics Service, USDA.<sup>5/</sup> New England includes ME, MA, NH, RI, and VT.

## PEARS: Yield and Price, 2002 - 2004

State	Pears <sup>1/</sup> (50-lb bu)											
	Number of Reports			Yield per Bearing Acre <sup>2/</sup>			Number of Reports			Fresh Market Price per Bushel <sup>3/</sup>		
	2002	2003	2004	2002	2003	2004	2002	2003	2004	2002	2003	2004
	Number			Bushels			Number			Dollars		
Maine	34	14	12	65	65	55	10	10	8	32.50	27.50	28.00
Massachusetts <sup>4/</sup>	79	47	42	30	90	70	24	36	28	30.00	25.00	17.50
New Hampshire	D	D	D	D	D	D	D	D	D	D	D	D
Rhode Island	D	5	D	D	110	D	D	D	D	D	D	D
Vermont	7	6	6	40	60	50	6	D	D	25.00	D	D
NEW ENGLAND <sup>5/</sup>	127	D	D	40	90	68	45	58	44	30.75	26.20	19.30

<sup>1/</sup> Pear data are based on production from orchards with ten or more pear trees.<sup>2/</sup> Yield per bearing acre is based on total production, which includes unharvested production and fruit harvested but not sold due to market restrictions. Yield includes reports from orchards with bearing acreage and no production. Yields from trees grown on wire excluded.<sup>3/</sup> Average fresh market price received by farmers at point of first sale. Insufficient sales to establish a processed price.<sup>4/</sup> Massachusetts Pear Source: **Noncitrus Fruits and Nuts - Preliminary**, 3:00 p.m., January 25, 2005, National Agricultural Statistics Service, USDA.<sup>5/</sup> New England includes ME, MA, NH, RI, and VT.

## STATE DATA - SELECTED ITEMS - 2002 CENSUS OF AGRICULTURE

All Farms <sup>1/</sup>	number	STATE DATA - SELECTED ITEMS - 2002 CENSUS OF AGRICULTURE				
		Maine	Massachusetts	New Hampshire	Rhode Island	Vermont
Potatoes, excluding sweet potatoes	farms	444	103	65	15	93
	acres	64,474	3,220	65	525	248
<b>Vegetables harvested for sale <sup>2/</sup></b>	farms	684	866	313	141	413
	acres	6,861	14,409	3,393	1,911	2,840
Asparagus, harvested	farms	27	78	13	6	35
	acres	17	122	5	3	24
Snap beans, harvested	farms	174	161	65	13	82
	acres	156	294	87	61	71
Beets, harvested	farms	91	57	25	7	45
	acres	38	23	9	4	23
Broccoli, harvested	farms	59	74	28	4	48
	acres	D	43	7	5	50
Head cabbage, harvested	farms	50	68	16	9	32
	acres	93	240	13	46	47
Cantaloups, harvested	farms	44	59	35	7	31
	acres	13	46	19	5	17
Carrots, harvested	farms	84	43	29	3	53
	acres	24	47	9	D	26
Cauliflower, harvested	farms	11	12	2	N	14
	acres	8	D	D	N	5
Cucumbers and pickles, harvested	farms	170	175	72	23	51
	acres	135	1,336	47	15	52
Eggplant, harvested	farms	26	91	26	13	19
	acres	8	71	5	13	3
Lettuce, romaine, harvested	farms	16	24	5	3	16
	acres	9	28	3	D	13
Dry onions, harvested	farms	59	42	13	3	44
	acres	14	57	5	1	18
Green onions, harvested	farms	16	20	9	5	12
	acres	3	7	3	2	3
Green peas, excl green cowpeas, harvested	farms	107	56	33	7	63
	acres	103	107	27	2	35
Bell peppers, harvested	farms	204	295	104	38	95
	acres	71	298	55	116	65
Chile peppers, (all peppers excl bell) harvested	farms	71	113	36	15	49
	acres	15	221	8	11	13
Pumpkins, harvested	farms	335	510	200	68	211
	acres	684	2,723	719	297	547
Spinach, harvested	farms	23	14	12	N	37
	acres	10	7	13	N	23
Squash, harvested	farms	342	439	150	50	177
	acres	460	1,834	252	218	305
Sweet corn, harvested	farms	279	376	158	64	194
	acres	1,970	5,680	1,743	980	951
Tomatoes, harvested	farms	330	422	161	70	148
	acres	161	450	128	91	85
Watermelons, harvested	farms	15	23	18	4	14
	acres	7	14	8	2	6
Mixed vegetables, harvested	farms	146	138	63	25	116
	acres	D	D	207	49	D
Other vegetables, harvested	farms	27	32	11	9	16
	acres	44	168	7	22	22
<b>Land in orchards <sup>3/</sup></b>	farms	415	384	204	72	261
	acres	4,037	5,426	2,658	464	3,552
Apples, total	farms	374	338	183	58	243
	acres	3,891	4,479	2,455	307	3,418
Peaches, total	farms	70	198	79	34	29
	acres	29	426	120	47	32
Pears, total	farms	134	132	43	15	50
	acres	43	226	18	17	31
<b>Berries</b>	farms	784	890	203	60	207
	acres	23,979	15,976	543	254	471
Tame blueberries, harvested	farms	116	237	109	41	114
	acres	293	395	172	D	D
Wild blueberries, harvested	farms	482	40	21	1	5
	acres	23,000	411	168	D	D
Raspberries, harvested	farms	137	177	95	21	80
	acres	101	155	61	16	88
Strawberries, harvested	farms	116	155	70	18	90
	acres	354	267	133	43	188
Other berries	farms	5	5	1	1	1
	acres	D	D	D	D	D

<sup>1/</sup> A farm is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year.

<sup>2/</sup> The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All the individual vegetable crops are not shown.

<sup>3/</sup> Orchard land includes land in bearing and non-bearing fruit trees, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of fewer than 20 total fruit, nut trees, or grapevines.

**D** - Data withheld to avoid disclosing information for individual farms.

**N** - Data is not available for this commodity.

