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Asparagus Production Up 13 Percent from 2017
Onion Production Down 5 Percent from 2017
Strawberry Production Down 1 Percent from 2017

Asparagus: United States asparagus production for the 2018 crop year is forecast at 756,500 cwt, up 13 percent from 2017. Asparagus yield is forecast at 36.5 cwt per acre, up 8 cwt per acre from last year. Asparagus area harvested is forecast at 20,700 acres, down 11 percent from 2017.

Onions: United States onion production for the 2018 crop year is forecast at 70.0 million cwt, down 5 percent from 2017. Onion yield is forecast at 506 cwt per acre, down 27 cwt per acre from last year. Onion area harvested is forecast at 138,400 acres, up slightly from 2017.

Strawberry: United States strawberry production for the 2018 crop year is forecast at 31.8 million cwt, down 1 percent from 2017. Strawberry yield is forecast at 636 cwt per acre, up 29 cwt per acre from last year. Strawberry area harvested is forecast at 49,920 acres, down 5 percent from 2017.

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Asparagus Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2017 and Forecasted 2018

State	Area planted		Area harvested	
	2017	2018	2017	2018
	(acres)	(acres)	(acres)	(acres)
California	8,300	6,200	8,000	6,000
Michigan	9,800	9,000	9,000	8,500
New Jersey	2,100	2,200	2,000	2,100
Washington	4,500	4,500	4,300	4,100
United States	24,700	21,900	23,300	20,700
State	Yield per acre		Total production	
	2017	2018	2017	2018
	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)
California	16.0	26.0	128.0	156.0
Michigan	27.0	28.0	243.0	238.0
New Jersey	34.0	34.0	68.0	71.4
Washington	54.0	71.0	232.2	291.1
United States	28.8	36.5	671.2	756.5
State	Harvested not sold		Utilized production	
	2017	2018	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California	1.3	1.6	126.7	154.4
Michigan	-	-	243.0	238.0
New Jersey	-	-	68.0	71.4
Washington	-	5.8	232.2	285.3
United States	1.3	7.4	669.9	749.1
State	Price per cwt		Value of utilized production	
	2017	2018	2017	2018
	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
California	129.00	141.00	16,344	21,770
Michigan	85.70	87.50	20,816	20,825
New Jersey	183.00	167.00	12,421	11,915
Washington	101.00	100.00	23,546	28,613
United States	109.00	111.00	73,127	83,123

- Represents zero.

Asparagus Production, Price, and Value by Utilization – States and United States: 2017 and Forecasted 2018

Utilization and State	Utilized production	
	2017	2018
	(1,000 cwt)	(1,000 cwt)
Fresh market		
California	126.7	154.4
Michigan	114.7	119.0
New Jersey	(D)	(D)
Washington	(D)	(D)
Other States ¹	278.1	330.4
United States	519.5	603.8

Utilization and State	Utilized production	
	2017	2018
	(tons)	(tons)
Processing		
California	-	-
Michigan	6,415	5,950
New Jersey	(D)	(D)
Washington	(D)	(D)
Other States ¹	1,103	1,314
United States	7,518	7,264

Utilization and State	Price per unit		Value of utilized production	
	2017	2018	2017	2018
	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)
Fresh market				
California	129.00	141.00	16,344	21,770
Michigan	92.00	95.00	10,552	11,305
New Jersey	(D)	(D)	(D)	(D)
Washington	(D)	(D)	(D)	(D)
Other States ¹	124.00	117.00	34,478	38,594
United States	118.00	119.00	61,374	71,669

Utilization and State	Price per unit		Value of utilized production	
	2017	2018	2017	2018
	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)
Processing				
California	(X)	(X)	-	-
Michigan	1,600.00	1,600.00	10,264	9,520
New Jersey	(D)	(D)	(D)	(D)
Washington	(D)	(D)	(D)	(D)
Other States ¹	1,350.00	1,470.00	1,489	1,934
United States	1,560.00	1,580.00	11,753	11,454

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

¹ Includes data withheld above.

Onion Area Planted and Harvested, Yield, Production, Price, Value, and Shrinkage and Loss – States and United States: 2017 and Forecasted 2018

State	Area planted		Area harvested	
	2017	2018	2017	2018
	(acres)	(acres)	(acres)	(acres)
California	48,800	50,000	48,500	49,400
Colorado	3,900	4,200	3,600	3,900
Georgia	11,600	11,600	10,700	10,800
Idaho	8,100	8,200	8,000	8,100
New Mexico	7,300	7,300	7,100	7,100
New York	7,600	7,000	7,500	6,900
Oregon	19,900	19,500	19,700	19,300
Malheur county	11,100	11,900	11,000	11,800
All other counties	8,800	7,600	8,700	7,500
Texas	12,000	13,500	9,000	11,000
Washington	24,000	22,000	23,900	21,900
Other States ¹	-	-	-	-
United States	143,200	143,300	138,000	138,400
State	Yield per acre		Total production	
	2017	2018	2017	2018
	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)
California	470.0	450.0	22,795.0	22,230.0
Colorado	460.0	470.0	1,656.0	1,833.0
Georgia	360.0	260.0	3,852.0	2,808.0
Idaho	725.0	840.0	5,800.0	6,804.0
New Mexico	680.0	620.0	4,828.0	4,402.0
New York	440.0	365.0	3,300.0	2,518.5
Oregon	660.0	649.0	12,995.5	12,525.0
Malheur county	695.0	750.0	7,645.0	8,850.0
All other counties	615.0	490.0	5,350.5	3,675.0
Texas	260.0	280.0	2,340.0	3,080.0
Washington	665.0	630.0	15,893.5	13,797.0
Other States ¹	-	-	-	-
United States	532.3	505.8	73,460.0	69,997.5

See footnote(s) at end of table.

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Onion Area Planted and Harvested, Yield, Production, Price, Value, and Shrinkage and Loss – States and United States: 2017 and Forecasted 2018 (continued)

State	Shrinkage and loss		Utilized production	
	2017	2018	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California	-	-	22,795.0	22,230.0
Colorado	-	-	1,656.0	(D)
Georgia	96.3	14.0	3,755.7	2,794.0
Idaho	63.8	34.0	5,736.2	6,770.0
New Mexico	-	-	4,828.0	(D)
New York	452.1	60.5	2,847.9	2,458.0
Oregon	7.6	345.1	12,987.9	12,179.9
Malheur county	7.6	345.1	7,637.4	8,504.9
All other counties	-	-	5,350.5	3,675.0
Texas	-	92.4	2,340.0	2,987.6
Washington	969.5	689.8	14,924.0	13,107.2
Other States ¹	-	-	-	6,235.0
United States	1,589.3	1,235.8	71,870.7	68,761.7
State	Price per cwt		Value of utilized production	
	2017	2018	2017	2018
	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
California	13.80	11.70	315,648	260,570
Colorado	23.80	(D)	39,413	(D)
Georgia	34.80	33.00	130,745	92,129
Idaho	8.28	9.69	47,483	65,579
New Mexico	17.50	(D)	84,490	(D)
New York	19.30	22.80	55,089	55,971
Oregon	8.55	8.92	111,002	108,638
Malheur county	7.76	8.91	59,289	75,746
All other counties	9.67	8.95	51,713	32,892
Texas	24.70	19.00	57,845	56,703
Washington	8.68	9.27	129,521	121,517
Other States ¹	(X)	20.90	-	130,306
United States	13.50	13.00	971,236	891,413

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

¹ Includes data withheld above.

Onion Production, Price, and Value by Utilization – States and United States: 2017 and Forecasted 2018

Utilization and State	Utilized production	
	2017 (1,000 cwt)	2018 (1,000 cwt)
Fresh market		
California	16,594.8	16,183.4
Colorado	1,656.0	(D)
Georgia	(D)	(D)
Idaho	4,495.0	(D)
New Mexico	4,828.0	(D)
New York	2,748.9	(D)
Oregon	7,702.0	(D)
Malheur county	(D)	(D)
All other counties	(D)	(D)
Texas	(D)	(D)
Washington	(D)	(D)
Other States ¹	16,267.0	35,691.3
United States	54,291.7	51,874.7
Utilization and State	Utilized production	
	2017 (tons)	2018 (tons)
Processing		
California	310,012	302,328
Colorado	-	(D)
Georgia	(D)	(D)
Idaho	62,060	(D)
New Mexico	-	(D)
New York	4,950	(D)
Oregon	264,293	(D)
Malheur county	(D)	(D)
All other counties	(D)	(D)
Texas	(D)	(D)
Washington	(D)	(D)
Other States ¹	237,636	542,018
United States	878,951	844,346

See footnote(s) at end of table.

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Onion Production, Price, and Value by Utilization – States and United States: 2017 and Forecasted 2018 (continued)

Utilization and State	Price per unit		Value of utilized production	
	2017	2018	2017	2018
	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)
Fresh market				
California	14.50	13.00	240,625	210,384
Colorado	23.80	(D)	39,413	(D)
Georgia	(D)	(D)	(D)	(D)
Idaho	9.10	(D)	40,905	(D)
New Mexico	17.50	(D)	84,490	(D)
New York	19.50	(D)	53,604	(D)
Oregon	8.69	(D)	66,955	(D)
Malheur county	(D)	(D)	(D)	(D)
All other counties	(D)	(D)	(D)	(D)
Texas	(D)	(D)	(D)	(D)
Washington	(D)	(D)	(D)	(D)
Other States ¹	17.60	16.00	286,383	572,081
United States	15.00	15.10	812,375	782,465
Utilization and State	Price per unit		Value of utilized production	
	2017	2018	2017	2018
	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)
Processing				
California	242.00	166.00	75,023	50,186
Colorado	(X)	(D)	-	(D)
Georgia	(D)	(D)	(D)	(D)
Idaho	106.00	(D)	6,578	(D)
New Mexico	(X)	(D)	-	(D)
New York	300.00	(D)	1,485	(D)
Oregon	167.00	(D)	44,047	(D)
Malheur county	(D)	(D)	(D)	(D)
All other counties	(D)	(D)	(D)	(D)
Texas	(D)	(D)	(D)	(D)
Washington	(D)	(D)	(D)	(D)
Other States ¹	134.00	108.00	31,728	58,762
United States	181.00	129.00	158,861	108,948

- Represents zero.
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(X) Not applicable.
¹ Includes data withheld above.

Strawberries for Fresh Market and Processing Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2017 and Forecasted 2018

State	Area planted		Area harvested	
	2017	2018	2017	2018
	(acres)	(acres)	(acres)	(acres)
California	39,000	36,500	38,200	36,400
Florida	10,800	10,000	10,700	9,900
New York	800	800	700	700
North Carolina	1,200	1,100	1,100	1,000
Oregon	1,400	1,300	1,200	1,100
Washington	900	900	800	820
United States	54,100	50,600	52,700	49,920

State	Yield per acre		Total production	
	2017	2018	2017	2018
	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)
California	765.0	795.0	29,223.0	28,938.0
Florida	225.0	250.0	2,407.5	2,475.0
New York	39.0	44.0	27.3	30.8
North Carolina	135.0	125.0	148.5	125.0
Oregon	91.0	100.0	109.2	110.0
Washington	95.0	105.0	76.0	86.1
United States	607.0	636.3	31,991.5	31,764.9

State	Harvested not sold		Utilized production	
	2017	2018	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California	29.2	28.9	29,193.8	28,909.1
Florida	-	-	2,407.5	2,475.0
New York	0.8	0.2	26.5	30.6
North Carolina	7.0	-	141.5	125.0
Oregon	-	0.7	109.2	109.3
Washington	0.8	0.3	75.2	85.8
United States	37.8	30.1	31,953.7	31,734.8

State	Price per cwt		Value of utilized production	
	2017	2018	2017	2018
	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
California	106.00	105.00	3,100,215	3,030,953
Florida	140.00	118.00	336,894	292,050
New York	229.00	204.00	6,063	6,229
North Carolina	166.00	171.00	23,440	21,375
Oregon	110.00	107.00	12,028	11,687
Washington	107.00	107.00	8,009	9,167
United States	109.00	106.00	3,486,649	3,371,461

- Represents zero.

Strawberry Production, Price, and Value by Utilization – States and United States: 2017 and Forecasted 2018

Utilization and State	Utilized production	
	2017	2018
	(1,000 cwt)	(1,000 cwt)
Fresh market		
California	23,787.5	23,381.9
Florida	(D)	2,475.0
New York	(D)	(D)
North Carolina	138.6	125.0
Oregon	17.9	(D)
Washington	(D)	(D)
Other States ¹	2,455.7	58.1
United States	26,399.7	26,040.0
Utilization and State	Utilized production	
	2017	2018
	(1,000 cwt)	(1,000 cwt)
Processing		
California	5,406.3	5,527.2
Florida	(D)	-
New York	(D)	(D)
North Carolina	3.0	-
Oregon	91.3	(D)
Washington	(D)	(D)
Other States ¹	53.5	167.6
United States	5,554.1	5,694.8

See footnote(s) at end of table.

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Strawberry Production, Price, and Value by Utilization – States and United States: 2017 and Forecasted 2018 (continued)

Utilization and State	Price Per cwt		Value of utilized production	
	2017	2018	2017	2018
	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)
Fresh market				
California	123.00	121.00	2,925,863	2,829,210
Florida	(D)	118.00	(D)	292,050
New York	(D)	(D)	(D)	(D)
North Carolina	168.00	171.00	23,285	21,375
Oregon	195.00	(D)	3,491	(D)
Washington	(D)	(D)	(D)	(D)
Other States ¹	141.00	211.00	347,259	12,288
United States	125.00	121.00	3,299,898	3,154,923
Utilization and State	Price Per cwt		Value of utilized production	
	2017	2018	2017	2018
	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)
Processing				
California	32.20	36.50	174,352	201,743
Florida	(D)	-	(D)	-
New York	(D)	(D)	(D)	(D)
North Carolina	52.00	-	155	-
Oregon	94.00	(D)	8,537	(D)
Washington	(D)	(D)	(D)	(D)
Other States ¹	69.00	88.30	3,707	14,795
United States	33.60	38.00	186,751	216,538

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

¹ Includes data withheld above.

Statistical Methodology

Survey procedures: Grower and processor surveys are conducted in preparation for this report. Telephone follow-up of mail survey non-respondents is used to ensure adequate coverage. Other data are obtained via fax or personal interview.

Estimating procedures: Information obtained from the vegetable surveys along with administrative data is used to establish forecasts of area and production. These forecasts are reviewed for errors, reasonableness, and consistency with historical estimates.

Revision policy: Vegetable forecasts will not be revised. End-of-season estimates are made following harvest and are subject to revision the following year based on a thorough review of all available data.

Reliability: Survey indications are subject to sampling variability because all operations growing vegetables are not included in the sample. Survey results are also subject to non-sampling errors such as omission, duplication, imputation for missing data, and mistakes in reporting, recording, and processing the data. These errors cannot be measured directly, but are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov

Lance Honig, Chief, Crops Branch	(202) 720-2127
Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Vincent Davis – Apricots, Bananas, Cherries, Garlic, Lettuce, Mint, Papaya, Pears, Strawberries, Tomatoes.....	(202) 720-2157
Fleming Gibson – Avocados, Cauliflower, Celery, Citrus, Coffee, Dates, Figs, Kiwifruit, Nectarines, Olives, Green Peas, Taro, Watermelons	(202) 720-5412
Greg Lemmons – Blackberries, Blueberries, Boysenberries, Cranberries, Cucumbers, Potatoes, Pumpkins, Raspberries, Squash, Sugarbeets, Sugarcane, Sweet Potatoes	(202) 720-4285
Dan Norris – Artichokes, Austrian Winter Peas, Cantaloupes, Dry Beans, Dry Edible Peas, Honeydews, Lentils, Mushrooms, Peaches, Snap Beans	(202) 720-3250
Daphne Schaubert – Bell Peppers, Broccoli, Cabbage, Chile Peppers, Floriculture, Grapes, Hops, Maple Syrup, Tree Nuts, Spinach	(202) 720-4215
Chris Singh – Apples, Asparagus, Carrots, Lima Beans, Onions, Plums, Prunes, Sweet Corn, Tobacco	(202) 720-4288

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