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Asparagus Production Down 4 Percent from 2013
Strawberry Production Up 3 Percent from 2013
Onion Harvested Area Down Slightly from 2013
Contracted Processing Production Up 14 Percent from 2013

Production of the 2014 asparagus crop is forecast at 731,000 cwt, down 4 percent from 2013. Area harvested, at 23,400 acres, is down 4 percent from last year. Fresh market production, at 568,000 cwt, is down 8 percent from 2013. Processed production, at 8,150 tons, is up 15 percent from last year.

Strawberry production in the United States is forecast at 30.5 million cwt, up 3 percent from 2013. Area harvested, at 54,100 acres, is up 5 percent from last year. Strawberry yield is forecast at 563 cwt per acre, down 10 cwt from 2013.

Production of the 2014 onions crop is forecast at 75.4 million cwt, up 8 percent from 2013. Onion growers expect to harvest 142,650 acres in 2014, down slightly from last year. Spring onion growers intend to harvest 26,800 acres, down 3 percent from last season. Summer, non-storage onion growers expect to harvest 18,750 acres, down 6 percent from a year ago. Summer storage onion growers plan to harvest 97,100 acres in 2014, up 1 percent from last season.

The 2014 contracted processing vegetable production for the four major processing crops (snap beans, sweet corn, green peas, and tomatoes) is forecast at 18.2 million tons, up 14 percent from last year. Production of processing tomatoes, at 14.6 million tons, is up 17 percent from last year. Snap bean production, at 660,770 tons, is up 7 percent from last year's production. Sweet corn production, at 2.62 million tons, is up 3 percent from last year. Green pea production, at 345,359 tons, virtually unchanged from the previous year. Contracted area for harvest of the four major processing vegetable crops, at 951,420 acres, is 6 percent above 2013.

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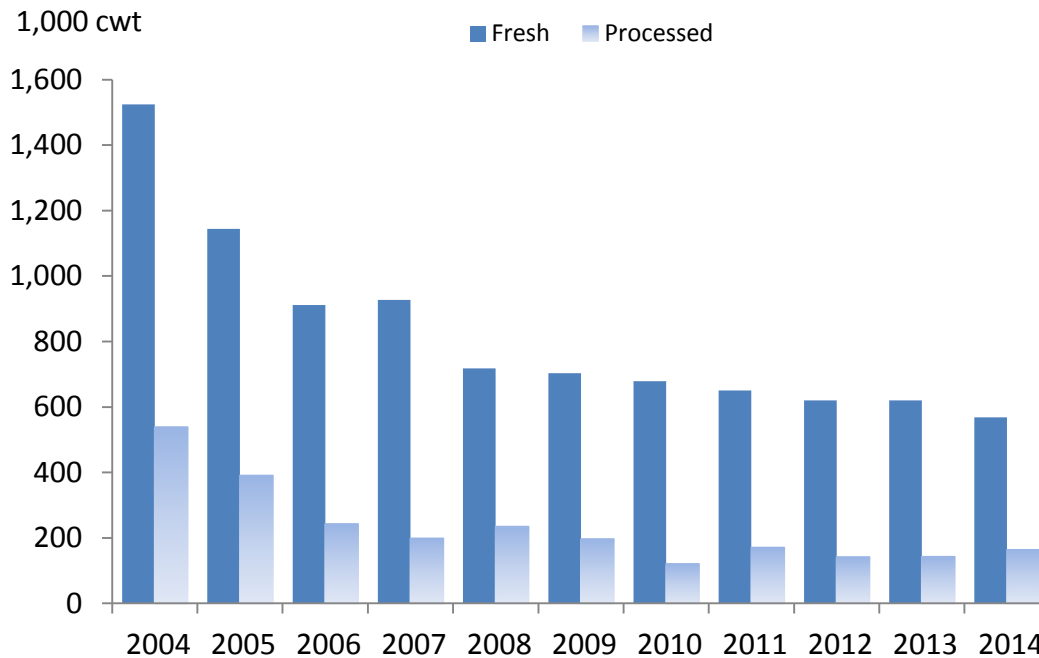
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Asparagus Comments

Asparagus: Production from the 2014 asparagus crop is forecast at 731,000 cwt, down 4 percent from last year. Harvested area, at 23,400 acres, is down 4 percent from 2013. Total value of the crop, at 72.4 million dollars, is down 22 percent from 2013. Fresh production of 568,000 cwt is down 8 percent from a year ago. Processed production, at 8,150 tons, is up 15 percent from 2013. Asparagus for canning, at 2,200 tons, is unchanged from last year. Frozen asparagus production of 5,950 tons is up 21 percent from 2013.

In California, drought conditions and lack of rain during the winter forced producers to start irrigation in February. The harvest of the asparagus crop began in mid-March and was complete in most areas of the State by mid-June. In Washington, asparagus acres continue a decade long trend of declining acres.

Asparagus Production - United States: 2004-2014



Asparagus Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2012, 2013, and Forecasted 2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California	12,000	12,000	11,500	11,500	11,500	11,000
Michigan	10,300	10,300	10,000	9,100	9,000	8,600
Washington	5,500	4,500	4,000	4,700	4,000	3,800
United States	27,800	26,800	25,500	25,300	24,500	23,400

State	Yield per acre			Production		
	2012	2013	2014	2012	2013	2014
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California	32	32	31	368	368	341
Michigan	21	23	24	191	206	208
Washington	43	47	48	202	188	182
United States	30	31	31	761	762	731

State	Price per cwt			Value of production		
	2012	2013	2014	2012	2013	2014
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California	131.00	152.00	115.00	48,208	55,936	39,215
Michigan	90.40	90.50	93.10	17,274	18,640	19,370
Washington	90.00	95.10	75.80	18,180	17,872	13,789
United States	110.00	121.00	99.00	83,662	92,448	72,374

Asparagus Production, Price, and Value by Utilization – States and United States: 2012, 2013, and Forecasted 2014

Utilization and State	Production					
	2012		2013		2014	
	(1,000 cwt)		(1,000 cwt)		(1,000 cwt)	
Fresh market						
California ¹	368		368			341
Other States ²	252		252			227
United States	620		620			568
	(tons)		(tons)		(tons)	
Processing						
Other States ²	7,050		7,100			8,150
United States	7,050		7,100			8,150
Canning	2,200		2,200			2,200
Freezing	4,850		4,900			5,950
Utilization and State	Price per unit			Value of production		
	2012	2013	2014	2012	2013	2014
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Fresh market						
California ¹	131.00	152.00	115.00	48,208	55,936	39,215
Other States ²	96.80	101.00	92.30	24,384	25,396	20,944
United States	117.00	131.00	106.00	72,592	81,332	60,159
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Processing						
Other States ²	1,570.00	1,570.00	1,500.00	11,070	11,116	12,215
United States	1,570.00	1,570.00	1,500.00	11,070	11,116	12,215
Canning	1,720.00	1,720.00	1,700.00	3,784	3,784	3,740
Freezing	1,500.00	1,500.00	1,420.00	7,286	7,332	8,475

¹ Includes a small amount of processing asparagus.

² Other States include Michigan and Washington.

Strawberry Comments

Strawberries: Strawberry production in the United States is forecast at 30.5 million cwt, up 3 percent from 2013. Area harvested, at 54,100 acres, is up 5 percent from last year. In California, cool weather during April slowed development of the berry crop. However, production and quality were reported to be good.

Strawberry Area Harvested, Yield, and Production – States and United States: 2012, 2013, and Forecasted 2014

[Includes fresh market and processing]

Season and State	Area Harvested			Yield per acre			Production		
	2012	2013	2014	2012	2013	2014	2012	2013	2014
	(acres)	(acres)	(acres)	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California	39,000	41,500	41,500	710	665	680	27,646	27,573	28,220
Florida	10,600	8,500	10,900	210	220	190	2,226	1,870	2,071
Oregon	2,000	1,700	1,700	105	98	95	213	167	162
United States	51,600	51,700	54,100	583	573	563	30,085	29,610	30,453

Onion Comments

Spring onions: Production of spring onions in 2014 is forecast at 7.92 million cwt, down 14 percent from last year. The crop covered 26,800 harvested acres. The average yield, at 295 cwt per acre, is 39 cwt below 2013. In Georgia, the crop was hurt by considerable frost during the winter and heavy rains in early spring. In Texas, lack of water available for irrigation continued.

Summer, non-storage onions: Production of non-storage onions is forecast at 10.5 million cwt, up 9 percent from last year. Harvested area covers 18,750 acres, down 6 percent from the previous year. In New Mexico, growing conditions for non-storage onions were reported to be good.

Summer, storage onions: Growers expect to harvest 97,100 acres of storage onions this year, up 1 percent from last year. In California, harvest was on schedule and the crop was reported to be developing well. Washington onion growers reported a very good growing season.

2013 Storage onions, revised: The final tally of 2013 storage onion production is 50.8 million cwt, down 4 percent from 2012. The 2013 storage crop is valued at \$554 million, an increase of 3 percent from 2012. Average price per cwt increased from \$11.20 in 2012 to \$12.10 in 2013. With spring and non-storage summer onions added in, total value of the 2013 harvested onions is \$969 million, up 3 percent from 2012.

Onion Area Planted and Harvested, and Yield by Season – States and United States: 2013 and Forecasted 2014

Season and State	Area planted		Area harvested		Yield per acre	
	2013 (acres)	2014 (acres)	2013 (acres)	2014 (acres)	2013 (cwt)	2014 (cwt)
Spring ¹						
California	7,000	7,000	6,800	6,800	400	440
Georgia	12,600	12,000	11,100	11,000	270	235
Texas	11,400	11,400	9,700	9,000	360	260
United States	31,000	30,400	27,600	26,800	334	295
Summer non-storage ¹						
California	8,000	7,000	7,800	6,800	490	480
Nevada	(D)	3,500	(D)	3,500	(D)	670
New Mexico	6,200	6,000	6,100	6,000	430	630
Texas	(D)	800	(D)	650	(D)	490
Washington ²	2,000	2,000	2,000	1,800	450	450
Other States ³	4,300	(X)	4,000	(X)	570	(X)
United States	20,500	19,300	19,900	18,750	484	561
Summer storage						
California ⁴	30,500	30,500	29,300	29,300	399	550
Colorado	6,000	4,000	4,000	3,900	425	420
Idaho	9,200	8,000	9,000	8,000	820	800
Michigan	2,800	3,100	2,700	3,000	300	325
New York	7,000	8,300	6,500	8,200	310	340
Oregon						
Malheur county	10,900	10,000	10,900	10,000	720	760
All other counties	10,100	10,000	10,000	9,700	610	610
Washington	20,000	21,500	20,000	21,500	580	650
Wisconsin	1,800	1,800	1,800	1,800	450	420
Other States ³	1,740	1,700	1,640	1,700	523	479
United States	100,040	98,900	95,840	97,100	530	587
Total summer	120,540	118,200	115,740	115,850	522	583
All spring and summer	151,540	148,600	143,340	142,650	486	529
Processed ⁵	(X)	(X)	(X)	(X)	(X)	(X)

See footnote(s) at end of table.

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Onion Production and Shrinkage and Loss by Season – States and United States: 2012, 2013, and Forecasted 2014

[Shrinkage and loss for 2014 will be published in the *Vegetables 2014 Summary* released January 2015]

Season and State	Production			Shrinkage and loss	
	2012 (1,000 cwt)	2013 (1,000 cwt)	2014 (1,000 cwt)	2012 (1,000 cwt)	2013 (1,000 cwt)
Spring ¹					
California	2,480	2,720	2,992	(X)	(X)
Georgia	2,438	2,997	2,585	(X)	(X)
Texas	3,090	3,492	2,340	(X)	(X)
United States	8,008	9,209	7,917	(X)	(X)
Summer non-storage ¹					
California	3,870	3,822	3,264	(X)	(X)
Nevada	(D)	(D)	2,345	(X)	(X)
New Mexico	2,862	2,623	3,780	(X)	(X)
Texas	(D)	(D)	319	(X)	(X)
Washington ²	1,147	900	810	(X)	(X)
Other States ³	2,843	2,280	(X)	(X)	(X)
United States	10,722	9,625	10,518	(X)	(X)
Summer storage					
California ⁴	12,354	11,700	16,120	250	250
Colorado	2,604	1,700	1,638	290	190
Idaho	6,205	7,380	6,400	1,000	1,110
Michigan	644	810	975	48	113
New York	2,480	2,015	2,788	407	40
Oregon					
Malheur county	7,950	7,848	7,600	811	1,020
All other counties	5,133	6,100	5,917	739	854
Washington	13,865	11,600	13,975	1,248	1,160
Wisconsin	620	810	756	81	49
Other States ³	910	857	814	49	72
United States	52,765	50,820	56,983	4,923	4,858
Total summer	63,487	60,445	67,501	4,923	4,858
All spring and summer	71,495	69,654	75,418	4,923	4,858
Processed ⁵	9,266	8,800	(X)	(X)	(X)

See footnote(s) at end of table.

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Onion Price and Value by Season – States and United States: 2012 and 2013

Season and State	Price per cwt		Total value	
	2012 (dollars)	2013 (dollars)	2012 (1,000 dollars)	2013 (1,000 dollars)
Spring ¹				
California	11.60	13.20	28,768	35,904
Georgia	41.80	44.10	101,908	132,168
Texas	22.50	23.80	69,525	83,110
United States	25.00	27.30	200,201	251,182
Summer non-storage ¹				
California	5.00	6.40	19,350	24,461
Nevada	(D)	(D)	(D)	(D)
New Mexico	19.60	15.60	56,095	40,919
Texas	(D)	(D)	(D)	(D)
Washington ²	31.80	27.40	36,475	24,660
Other States ³	32.40	32.50	92,135	74,076
United States	19.00	17.10	204,055	164,116
Summer storage				
California ⁴	10.11	9.11	122,431	104,221
Colorado	17.10	18.90	39,569	28,539
Idaho	10.00	11.40	52,050	71,478
Michigan	13.00	15.90	7,748	11,082
New York	16.90	16.00	35,034	31,600
Oregon				
Malheur county	10.10	11.30	72,104	77,156
All other counties	9.96	12.60	43,764	66,100
Washington	11.70	13.50	147,619	140,940
Wisconsin	13.40	16.40	7,223	12,480
Other States ³	11.60	12.00	10,542	10,289
United States	11.20	12.10	538,084	553,885
Total summer	12.70	12.90	742,139	718,001
All spring and summer	14.20	15.00	942,340	969,183
Processed ⁵	9.66	8.32	89,510	73,216

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

¹ Primarily fresh market.

² Includes Walla Walla and other non-storage onions.

³ Other States include Nevada and Texas for Summer Non-Storage Onions and Ohio and Utah for Summer Storage Onions.

⁴ Primarily dehydrated processing.

⁵ California only.

Processing Crop Comments

Snap beans: Contracted production of snap beans is forecast at 660,770 tons, up 7 percent from last year. Contracted harvested area is up 8 percent, but yield is down 0.05 tons per acre from last year. In Pennsylvania, adequate and timely rainfall throughout the growing season coupled with moderate temperatures combined to increase yields.

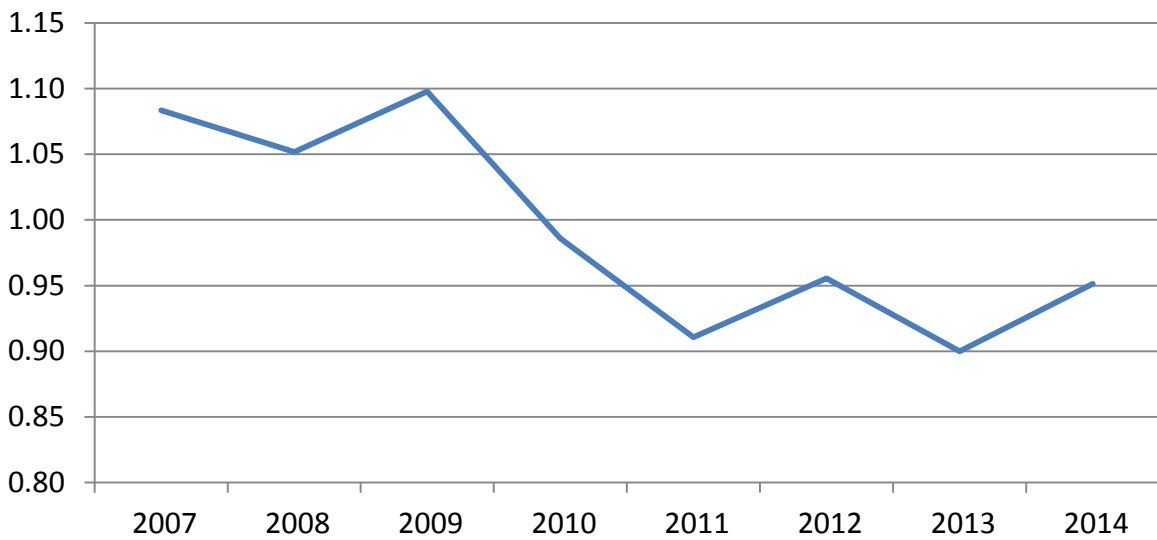
Sweet corn: Contracted sweet corn production is forecast at 2.62 million tons, up 3 percent from last year. An increase of 2 percent in contracted harvested area is expected along with an increase in yield of 0.03 ton per acre from 2013. In Washington, weather conditions have been good for vegetable crops. In Minnesota, yields have been reported to be excellent.

Green peas: Contracted production is forecast at 345,359 tons, down slightly from last year. Area for harvest, at 174,700 acres, is up 1 percent from 2013. The expected yield, at 2.00 tons per acre, is unchanged from a year ago. Area contracted for planting, at 179,300 acres, is down 1 percent from 2013. Area contracted for canning, at 82,100 acres, is up 20 percent from last year. Area contracted for freezing, at 97,200 acres, is down 14 percent from 2013.

Tomatoes: Contracted tomato production is forecast at 14.6 million tons, up 17 percent from last year. Contracted harvested area is up 12 percent and yield is up 2.17 tons per acre from last year. In California, growers reported limited disease and weather concerns.

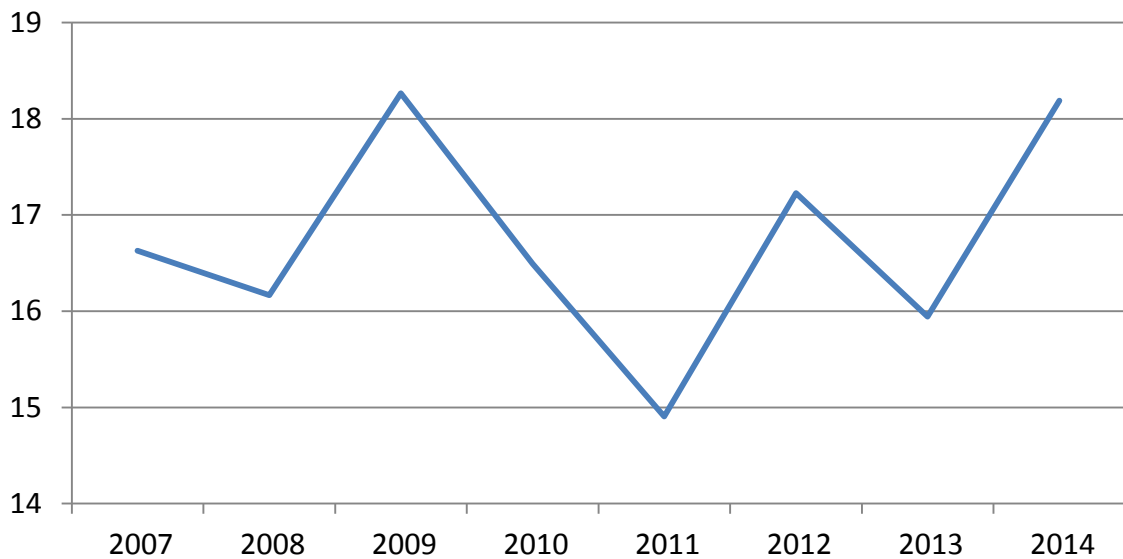
Contracted Area Harvested for Four Major Processing Vegetables: United States - Snap beans, Sweet corn, Green peas, and Tomatoes

Million acres



Contracted Production for Four Major Processing Vegetables: United States - Snap beans, Sweet corn, Green peas, and Tomatoes

Million tons



Processing Vegetable Area Harvested and Production by Crop – United States: 2012, 2013, and Forecasted 2014 (Domestic Units)

Crop	Area harvested			
	2012	2013		2014
	Total	Total	Contract ¹	Contract ¹
	(acres)	(acres)	(acres)	(acres)
Snap beans	166,355	149,770	139,670	150,190
Sweet corn	360,480	314,950	314,950	321,630
Green peas	194,500	178,300	172,480	174,700
Tomatoes	276,300	277,000	273,000	304,900
United States	997,635	920,020	900,100	951,420

Crop	Production			
	2012	2013		2014
	Total	Total	Contract ¹	Contract ¹
	(tons)	(tons)	(tons)	(tons)
Snap beans	730,680	666,780	615,560	660,770
Sweet corn	2,959,350	2,551,830	2,551,830	2,616,190
Green peas	407,250	356,050	345,550	345,359
Tomatoes	13,178,750	12,631,500	12,431,500	14,566,500
United States	17,276,030	16,206,160	15,944,440	18,188,819

¹ Includes acreage from major brokers.

Processing Vegetable Area Harvested and Production by Crop – United States: 2012, 2013, and Forecasted 2014 (Metric Units)

Crop	Area harvested			
	2012	2013		2014
	Total	Total	Contract ¹	Contract ¹
	(hectares)	(hectares)	(hectares)	(hectares)
Snap beans	67,320	60,610	56,520	60,780
Sweet corn	145,880	127,460	127,460	130,160
Green peas	78,710	72,160	69,800	70,700
Tomatoes	111,820	112,100	110,480	123,390
United States ²	403,730	372,320	364,260	385,030

Crop	Production			
	2012	2013		2014
	Total	Total	Contract ¹	Contract ¹
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Snap beans	662,860	604,890	558,420	599,440
Sweet corn	2,684,660	2,314,970	2,314,970	2,373,360
Green peas	369,450	323,000	313,480	313,300
Tomatoes	11,955,500	11,459,040	11,277,610	13,214,440
United States ²	15,672,470	14,701,900	14,464,480	16,500,530

¹ Includes acreage from major brokers.

² Totals may not add due to rounding.

Snap Beans for Processing Area Harvested, Yield, and Production – States and United States: 2012, 2013, and Forecasted 2014

State	Area harvested						
	2012		2013			2014	
	Total		Total	Contract ¹		Contract ¹	
	(acres)		(acres)	(acres)		(acres)	
Illinois	7,500	(D)	(D)	(D)		(D)	
Indiana	5,000	5,000	(D)	(D)		4,500	
Michigan	17,800	17,800	(D)	(D)		15,100	
Minnesota	5,700	(D)	(D)	(D)		(D)	
New York	19,000	18,900	(D)	(D)		(D)	
Oregon	13,400	10,550	10,550			9,900	
Pennsylvania	9,800	7,900	7,100			11,300	
Wisconsin	70,700	59,800	(D)			66,900	
Other States ²	17,455	29,820		122,020		42,490	
United States	166,355	149,770		139,670		150,190	

State	Yield per acre			Production			
	2012	2013	2014	2012	2013		2014
	Total	Total	Contract ¹	Total	Total	Contract ¹	Contract ¹
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
Illinois	4.58	(D)	(D)	34,380	(D)	(D)	(D)
Indiana	3.15	2.90	3.73	15,750	14,520	(D)	16,790
Michigan	4.00	4.33	3.94	71,200	77,100	(D)	59,490
Minnesota	4.19	(D)	(D)	23,910	(D)	(D)	(D)
New York	3.29	3.29	(D)	62,540	62,270	(D)	(D)
Oregon	6.81	6.34	3.75	91,200	66,850	66,850	37,130
Pennsylvania	3.39	2.74	3.45	33,270	21,630	19,667	38,990
Wisconsin	4.50	4.99	4.84	317,980	298,570	(D)	323,800
Other States ²	4.61	4.22	4.34	80,450	125,840	529,043	184,570
United States	4.39	4.45	4.40	730,680	666,780	615,560	660,770

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

¹ Includes acreage from major brokers.

² Includes data withheld above and/or data for States not listed in this table.

Sweet Corn for Processing Area Harvested, Yield, and Production – States and United States: 2012, 2013, and Forecasted 2014

State	Area harvested						
	2012		2013			2014	
	Total		Total	Contract ¹		Contract ¹	
	(acres)		(acres)	(acres)		(acres)	
Illinois	(D)		(D)	(D)		(D)	
Minnesota	129,200		118,700	(D)		116,900	
Oregon	(D)		(D)	(D)		22,800	
Washington	85,600		64,400	64,400		68,600	
Wisconsin	73,200		66,500	(D)		66,100	
Other States ²	72,480		65,350	250,550		47,230	
United States	360,480		314,950	314,950		321,630	

State	Yield per acre			Production			
	2012	2013	2014	2012	2013		2014
	Total	Total	Contract ¹	Total	Total	Contract ¹	Contract ¹
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
Illinois	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota	6.90	6.74	7.25	891,860	799,720	(D)	847,530
Oregon	(D)	(D)	9.60	(D)	(D)	(D)	218,880
Washington	10.00	9.96	9.70	855,880	641,320	641,320	665,420
Wisconsin	8.01	8.78	8.23	586,340	583,960	(D)	544,000
Other States ²	8.63	8.06	7.21	625,270	526,830	1,910,510	340,360
United States	8.21	8.10	8.13	2,959,350	2,551,830	2,551,830	2,616,190

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

¹ Includes acreage from major brokers.

² Includes data withheld above and/or data for States not listed in this table.

Green Peas for Processing Area Planted, Contracted, and Utilization – States and United States: 2012, 2013, and Forecasted 2014

State and utilization	Planted			
	2012	2013		2014
	Total	Total	Contract ¹	Contract ¹
	(acres)	(acres)	(acres)	(acres)
Delaware	5,700	5,100	5,100	5,000
Minnesota	80,200	67,700	(D)	69,500
Oregon	15,500	21,100	21,100	16,400
Washington	41,800	45,000	44,980	(D)
Wisconsin	39,500	37,800	(D)	36,800
Other States ²	21,400	11,180	110,780	51,600
United States	204,100	187,880	181,960	179,300
Canning	85,500	74,200	68,280	82,100
Freezing	118,600	113,680	113,680	97,200

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

¹ Includes acreage from major brokers.

² Includes data withheld above and/or data for States not listed in this table.

Green Peas for Processing Area Harvested and Contracted – States and United States: 2012, 2013, and Forecasted 2014

State and utilization	Harvested			
	2012	2013		2014
	Total	Total	Contract ¹	Contract ¹
	(acres)	(acres)	(acres)	(acres)
Delaware	5,700	5,000	5,000	5,000
Minnesota	74,900	60,800	(D)	66,700
Oregon	14,700	21,100	21,100	16,400
Washington	40,900	44,500	44,480	(D)
Wisconsin	37,300	36,000	(D)	35,500
Other States ²	21,000	10,900	101,900	51,100
United States	194,500	178,300	172,480	174,700

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

¹ Includes acreage from major brokers.

² Includes data withheld above and/or data for States not listed in this table.

Green Peas for Processing Yield, Production, and Contracted – States and United States: 2012, 2013, and Forecasted 2014

State and utilization	Yield per acre			Production			
	2012	2013	2014	2012	2013		2014
	Total	Total	Contract ¹	Total	Total	Contract ¹	Contract ¹
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
Delaware	2.16	2.16	2.15	12,310	10,800	10,800	10,750
Minnesota	1.49	1.44	1.37	111,570	87,630	(D)	91,379
Oregon	2.79	1.91	1.88	41,000	40,300	40,300	30,800
Washington	3.13	2.75	(D)	128,040	122,380	122,380	(D)
Wisconsin	1.78	2.10	1.98	66,300	75,550	(D)	70,290
Other States ²	2.29	1.78	2.80	48,030	19,390	172,070	142,140
United States	2.09	2.00	2.00	407,250	356,050	345,550	345,359

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

¹ Includes acreage from major brokers.

² Includes data withheld above and/or data for States not listed in this table.

Tomatoes for Processing Area Harvested, Yield, and Production – States and United States: 2012, 2013, and Forecasted 2014

State	Area harvested						
	2012		2013			2014	
	Total		Total	Contract ¹		Contract ¹	
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California	258,000		260,000		256,000		288,000
Indiana	9,000		8,700		8,700		7,700
Michigan	3,500		3,200		3,200		3,900
Ohio	5,800		5,100		5,100		5,300
United States	276,300		277,000		273,000		304,900

State	Yield per acre			Production			
	2012	2013	2014	2012	2013		2014
	Total	Total	Contract ¹	Total	Total	Contract ¹	Contract ¹
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
California	48.99	46.54	48.61	12,640,000	12,100,000	11,900,000	14,000,000
Indiana	28.85	31.00	34.00	259,650	269,700	269,700	261,800
Michigan	35.00	34.00	36.00	122,500	108,800	108,800	140,400
Ohio	27.00	30.00	31.00	156,600	153,000	153,000	164,300
United States	47.70	45.60	47.77	13,178,750	12,631,500	12,431,500	14,566,500

¹ Includes acreage from major brokers.

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

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Vincent Davis – Fresh and Processing Vegetables, Onions, Strawberries, Cherries	(202) 720-2157
Fred Granja – Apples, Apricots, Plums, Prunes, Tobacco	(202) 720-9085
LaKeya Jones – Citrus, Coffee, Grapes, Sugar Crops, Tropical Fruits.....	(202) 720-5412
Greg Lemmons – Berries, Cranberries, Potatoes, Sweet Potatoes	(202) 720-4285
Dave Losh – Hops	(360) 709-2400
Dan Norris – Austrian Winter Peas, Dry Edible Peas, Lentils, Mint, Mushrooms, Peaches, Pears, Wrinkled Seed Peas, Dry Beans	(202) 720-3250
Daphne Schaubert – Floriculture, Maple Syrup, Nursery, Tree Nuts	(202) 720-4215

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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

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