



Vegetables

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Asparagus Production Down 10 Percent Strawberry Production Down 3 Percent Onion Harvested Area Down 3 Percent Contracted Processing Production Up 8 Percent from Last Year

Production of the 2012 asparagus crop is forecast at 759,000 cwt, down 10 percent from 2011. Area harvested, at 25,300 acres, is down 7 percent from last year. Fresh production, at 626,000 cwt, is down 7 percent from 2011. Processed production, at 6,650 tons, is down 22 percent from last year.

Strawberry production in the United States is forecast at 27.7 million cwt, down 3 percent from 2011. Area harvested, at 49,300 acres, is down 1 percent from last year. Strawberry yield is forecast at 561 cwt per acre, down 9 cwt from 2011.

Onion growers expect to harvest 143,550 acres in 2012, down 3 percent from last year. Spring onion growers intend to harvest 24,900 acres, down 16 percent from last season. Summer, non-storage onion growers expect to harvest 18,800 acres, unchanged from a year ago. Storage onion growers plan to harvest 99,850 acres in 2012, up 1 percent from last season.

The 2012 contracted processing vegetable production for the four major processing crops (snap beans, sweet corn, green peas, and tomatoes) is forecast at 17.2 million tons, up 8 percent from last year. Production of processing tomatoes, at 13.5 million tons, is up 9 percent from last year. Snap bean production, at 672,370 tons, is up slightly from last year's production. Sweet corn production, at 2.70 million tons, is up 3 percent from last year. Green pea production, at 350,490 tons, is 19 percent above 2011. Contracted area for harvest of the four major processing vegetable crops, at 955,550 acres, is 5 percent above 2011.

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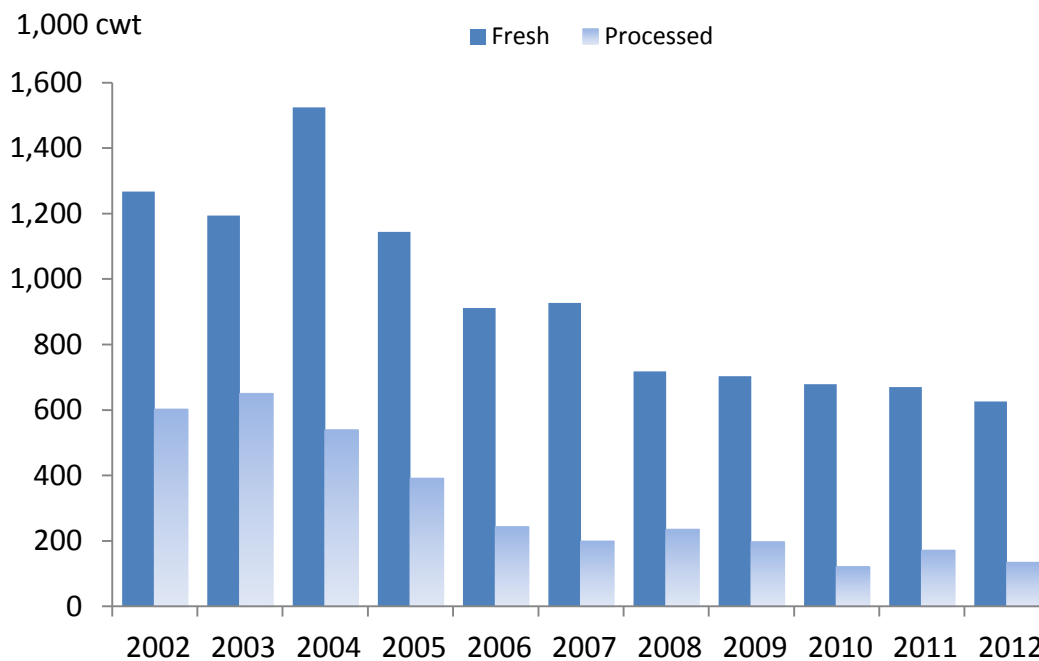
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Asparagus Comments

Asparagus: Production from the 2012 asparagus crop is forecast at 759,000 cwt, down 10 percent from last year. Harvested area, at 25,300 acres, is down 7 percent from 2011. Total value of the crop, at 83.4 million dollars, is down 11 percent from 2011. Fresh production of 626,000 cwt is down 7 percent from a year ago. Processed production, at 6,650 tons, is down 22 percent from 2011. Asparagus for canning, at 2,100 tons, is down 32 percent from last year. Frozen asparagus production of 4,550 tons is down 16 percent from 2011.

In Michigan, freezing temperatures in April followed by hot and dry weather during May and June resulted in lost fields. Harvest was complete by mid-June in the southwest region of the State. In California, harvest of the asparagus crop began in mid-March and was complete in most areas of the State by mid-June.

Asparagus Production - United States: 2002-2012



Asparagus Area Planted and Harvested, Yield, Production, Price, and Value – States and United States: 2010, 2011, and Forecasted 2012

State	Area planted			Area harvested		
	2010	2011	2012	2010	2011	2012
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
California	12,000	12,000	12,000	11,500	11,500	11,500
Michigan	10,700	10,400	10,300	10,500	9,800	9,100
Washington	6,500	6,500	5,500	6,000	6,000	4,700
United States	29,200	28,900	27,800	28,000	27,300	25,300

State	Yield per acre			Production		
	2010	2011	2012	2010	2011	2012
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California	35	33	32	403	384	366
Michigan	16	22	21	168	216	191
Washington	38	40	43	228	240	202
United States	29	31	30	799	840	759

State	Price per cwt			Value of production		
	2010	2011	2012	2010	2011	2012
	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
California	147.00	149.00	131.00	59,241	57,216	47,946
Michigan	83.00	80.20	90.50	13,948	17,322	17,280
Washington	77.10	78.90	90.00	17,588	18,936	18,180
United States	114.00	111.00	110.00	90,777	93,474	83,406

Asparagus Production, Price, and Value by Utilization – States and United States: 2010, 2011, and Forecasted 2012

Utilization and State	Production					
	2010		2011		2012	
	(1,000 cwt)		(1,000 cwt)		(1,000 cwt)	
Fresh market						
California ¹	403		384			366
Other States ²	276		286			260
United States	679		670			626
	(tons)		(tons)		(tons)	
Processing						
Other States ²	6,000		8,500			6,650
United States	6,000		8,500			6,650
Canning	2,100		3,100			2,100
Freezing	3,900		5,400			4,550
Utilization and State	Price per unit			Value of production		
	2010	2011	2012	2010	2011	2012
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Fresh market						
California ¹	147.00	149.00	131.00	59,241	57,216	47,946
Other States ²	84.60	81.80	97.30	23,356	23,409	25,296
United States	122.00	120.00	117.00	82,597	80,625	73,242
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Processing						
Other States ²	1,360.00	1,510.00	1,530.00	8,180	12,849	10,164
United States	1,360.00	1,510.00	1,530.00	8,180	12,849	10,164
Canning	1,280.00	1,620.00	1,540.00	2,688	5,022	3,234
Freezing	1,410.00	1,450.00	1,520.00	5,492	7,827	6,930

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 27.7 million cwt, down 3 percent from 2011. Area harvested, at 49,300 acres, is down 1 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. In Florida, strawberry planting was underway by October. In Oregon, harvest season started in early June.

Strawberry Area Harvested, Yield, and Production – States and United States: 2010, 2011, and Forecasted 2012

[Includes fresh market and processing]

Season and State	Area Harvested			Yield per acre			Production		
	2010	2011	2012	2010	2011	2012	2010	2011	2012
	(acres)	(acres)	(acres)	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
California	38,600	38,000	37,500	670	680	680	25,859	25,750	25,500
Florida	8,800	9,900	10,100	220	250	197	1,936	2,475	1,990
Oregon	1,900	2,000	1,700	125	115	105	236	226	179
United States	49,300	49,900	49,300	568	570	561	28,031	28,451	27,669

Onion Comments

Spring onions: Production of spring onions in 2012 is forecast at 7.38 million cwt, down 17 percent from last year. The crop covered 24,900 harvested acres. The average yield at 296 cwt per acre is 3 cwt below 2011. In Georgia, disease problems were reported due to adverse weather conditions. In northern California, an early frost and wind driven erosion increased fungal problems for the crop.

Summer, non-storage onions: Production of non-storage onions is forecast at 10.8 million cwt, up 3 percent from last year. Harvested area covers 18,800 acres, unchanged from the previous year. In California, despite adverse weather conditions, harvest was on schedule and the onion crop was reported to be developing well. In Nevada, harvest was underway and early yields were reported to be good. In New Mexico, growing conditions for non-storage onions were reported to be good. In Washington, exceptional yields were reported for the State.

Summer, storage onions: Growers expect to harvest 99,850 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 experienced a very good growing season.

2011 Storage onions, revised: The final tally of 2011 storage onion production is 54.8 million cwt, down 2 percent from 2010. The 2011 storage crop is valued at \$406 million, a decline of 24 percent from 2010. Average price per cwt declined from \$10.70 in 2010 to \$8.31 in 2011. With spring and non-storage summer onions added in, total value of the 2011 harvested onions is \$740 million, down 29 percent from 2010.

Onion Area Planted and Harvested, and Yield by Season – States and United States: 2011 and Forecasted 2012

Season and State	Area planted		Area harvested		Yield per acre	
	2011 (acres)	2012 (acres)	2011 (acres)	2012 (acres)	2011 (cwt)	2012 (cwt)
Spring ¹						
California	6,500	6,700	6,300	6,500	400	400
Georgia	13,600	12,700	12,100	10,600	245	230
Texas	13,000	9,500	11,200	7,800	300	300
United States	33,100	28,900	29,600	24,900	299	296
Summer non-storage ¹						
California	6,900	7,000	6,700	6,900	590	545
Nevada	3,500	(D)	3,500	(D)	810	(D)
New Mexico	6,100	5,500	5,900	5,400	460	550
Texas	600	(D)	500	(D)	360	(D)
Washington ²	2,200	2,500	2,200	2,500	350	400
Other States ³	(X)	4,100	(X)	4,000	(X)	763
United States	19,300	19,100	18,800	18,800	556	573
Summer storage						
California ⁴	30,600	31,000	29,500	29,800	440	436
Colorado	7,500	6,700	6,900	6,400	415	400
Idaho	9,400	8,300	9,200	8,100	780	740
Michigan	3,900	3,000	3,400	2,900	240	310
New York	8,100	10,200	6,200	10,100	305	330
Oregon						
Malheur county	11,300	10,400	11,300	10,300	730	740
All other counties	9,500	8,400	9,500	8,400	685	610
Washington	20,000	20,200	20,000	20,200	650	660
Wisconsin	1,500	1,800	1,500	1,800	370	290
Other States ³	1,730	1,850	1,730	1,850	440	489
United States	103,530	101,850	99,230	99,850	552	534
Total summer	122,830	120,950	118,030	118,650	553	540
All spring and summer	155,930	149,850	147,630	143,550	502	498
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: 2010, 2011, and Forecasted 2012

[Shrinkage and loss for 2012 will be published in the *Vegetables 2012 Summary* released January 2013]

Season and State	Production			Shrinkage and loss	
	2010 (1,000 cwt)	2011 (1,000 cwt)	2012 (1,000 cwt)	2010 (1,000 cwt)	2011 (1,000 cwt)
Spring ¹					
California	2,542	2,520	2,600	(X)	(X)
Georgia	2,276	2,965	2,438	(X)	(X)
Texas	2,666	3,360	2,340	(X)	(X)
United States	7,484	8,845	7,378	(X)	(X)
Summer non-storage ¹					
California	3,234	3,953	3,761	(X)	(X)
Nevada	2,590	2,835	(D)	(X)	(X)
New Mexico	3,304	2,714	2,970	(X)	(X)
Texas	175	180	(D)	(X)	(X)
Washington ²	660	770	1,000	(X)	(X)
Other States ³	(X)	(X)	3,050	(X)	(X)
United States	9,963	10,452	10,781	(X)	(X)
Summer storage					
California ⁴	13,050	12,980	13,000	250	250
Colorado	2,880	2,864	2,560	300	330
Idaho	6,840	7,176	5,994	1,090	1,150
Michigan	880	816	899	176	163
New York	3,087	1,891	3,333	361	302
Oregon					
Malheur county	8,588	8,249	7,622	1,374	1,320
All other counties	6,230	6,508	5,124	1,059	911
Washington	13,420	13,000	13,332	1,300	1,300
Wisconsin	320	555	522	52	56
Other States ³	857	761	904	150	100
United States	56,152	54,800	53,290	6,112	5,882
Total summer	66,115	65,252	64,071	6,112	5,882
All spring and summer	73,599	74,097	71,449	6,112	5,882
Processed ⁵	9,389	9,724	(X)	(X)	(X)

See footnote(s) at end of table.

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Onion Price and Value by Season – States and United States: 2010 and 2011

Season and State	Price per cwt		Total value	
	2010 (dollars)	2011 (dollars)	2010 (1,000 dollars)	2011 (1,000 dollars)
Spring ¹				
California	18.00	13.50	45,756	34,020
Georgia	49.70	31.10	113,117	92,212
Texas	50.20	14.70	133,833	49,392
United States	39.10	19.90	292,706	175,624
Summer non-storage ¹				
California	7.50	5.00	24,255	19,765
Nevada	26.00	25.00	67,340	70,875
New Mexico	27.40	15.90	90,530	43,153
Texas	38.20	38.20	6,685	6,876
Washington ²	50.10	22.80	33,066	17,556
Other States ³	(X)	(X)	(X)	(X)
United States	22.30	15.10	221,876	158,225
Summer storage				
California ⁴	9.29	7.88	118,861	100,285
Colorado	17.70	13.60	45,666	34,462
Idaho	8.70	6.10	50,025	36,759
Michigan	14.80	14.80	10,419	9,664
New York	19.70	16.80	53,702	26,695
Oregon				
Malheur county	8.79	5.94	63,411	41,158
All other counties	9.05	7.54	46,798	42,201
Washington	11.20	8.90	135,744	104,130
Wisconsin	12.50	13.80	3,350	6,886
Other States ³	8.34	5.31	7,146	4,043
United States	10.70	8.31	535,122	406,283
Total summer	12.60	9.51	756,998	564,508
All spring and summer	15.60	10.80	1,049,704	740,132
Processed ⁵	8.30	7.50	77,929	72,930

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

(X) Not applicable.

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 672,370 tons, up slightly from last year. Contracted harvested area is down slightly but yield is up 0.05 tons per acre from last year. In Indiana, planting conditions were ideal due to higher than average temperatures and dry weather during the spring season. In Minnesota, planting was completed ahead of schedule due to warm and dry conditions during the spring season. In Pennsylvania, no major pest or disease problems were reported.

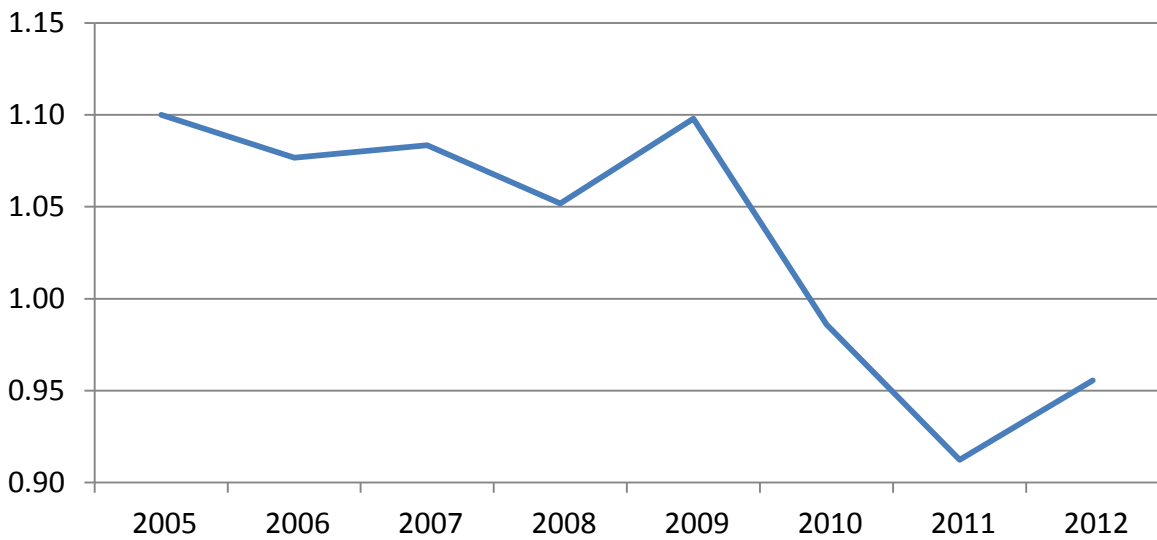
Sweet corn: Contracted sweet corn production is forecast at 2.70 million tons, up 3 percent from last year. An increase of 4 percent in contracted harvested area is expected to more than offset a decline in yield of 0.07 ton per acre from 2011. In Minnesota, planting was completed on schedule due to a mild winter and early spring conditions.

Green peas: Contracted production is forecast at 350,490 tons, up 19 percent from last year. Area for harvest, at 179,500 acres, is up 13 percent from 2011. The expected yield, at 1.95 tons per acre, is 0.10 tons more than a year ago. Area contracted for planting, at 186,800 acres, is up 15 percent from 2011. Area contracted for canning, at 78,800 acres, is up 15 percent from last year. Area contracted for freezing, at 108,000 acres, is up 15 percent from 2011. In Minnesota, planting was completed ahead of schedule due to a mild winter and warm, dry conditions in April.

Tomatoes: Contracted tomato production is forecast at 13.5 million tons, up 9 percent from last year. Contracted harvested area is up 4 percent and yield is up 2.47 tons per acre from last year. In Michigan, planting was complete by late June and by mid-July the crop had started bearing fruit.

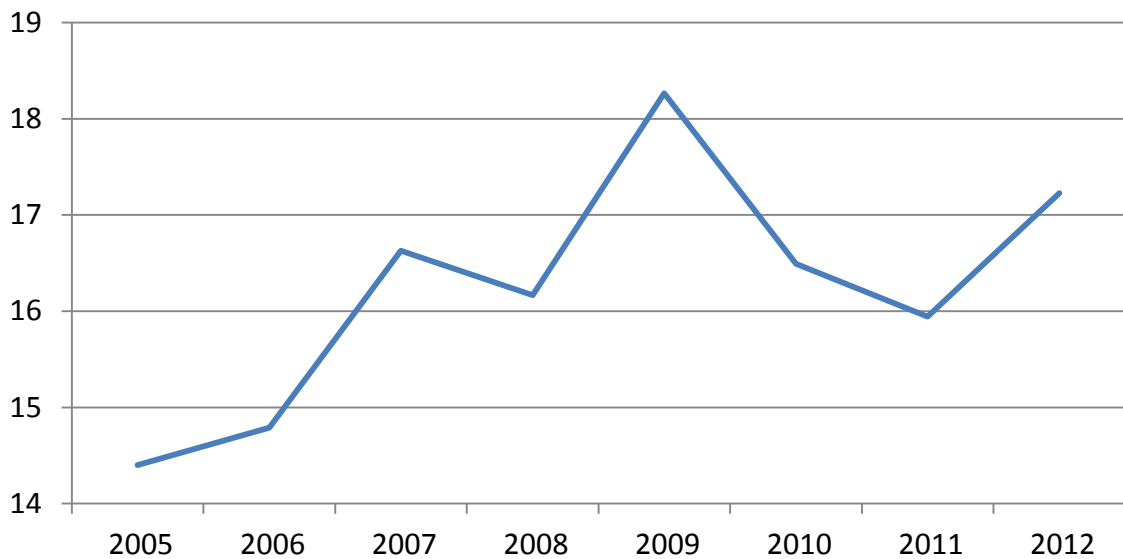
Contracted Area Harvested for Four Major Processing Vegetables: United States - Snap beans, Sweet corn, Green peas, and Tomatoes

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: 2010, 2011, and Forecasted 2012 (Domestic Units)

Crop	Area harvested			
	2010	2011		2012
	Total	Total	Contract ¹	Contract ¹
	(acres)	(acres)	(acres)	(acres)
Snap beans	193,060	163,950	160,200	160,100
Sweet corn	335,200	326,650	326,250	339,050
Green peas	172,600	159,100	159,100	179,500
Tomatoes	288,900	267,800	266,800	276,900
United States	989,760	917,500	912,350	955,550

Crop	Production			
	2010	2011		2012
	Total	Total	Contract ¹	Contract ¹
	(tons)	(tons)	(tons)	(tons)
Snap beans	766,040	680,960	669,075	672,370
Sweet corn	2,694,210	2,627,330	2,623,000	2,703,860
Green peas	345,640	294,920	294,920	350,490
Tomatoes	12,776,280	12,396,150	12,355,150	13,501,790
United States	16,582,170	15,999,360	15,942,145	17,228,510

¹ Includes acreage from major brokers.

Processing Vegetable Area Harvested and Production by Crop – United States: 2010, 2011, and Forecasted 2012 (Metric Units)

Crop	Area harvested			
	2010	2011		2012
	Total	Total	Contract ¹	Contract ¹
	(hectares)	(hectares)	(hectares)	(hectares)
Snap beans	78,130	66,350	64,830	64,790
Sweet corn	135,650	132,190	132,030	137,210
Green peas	69,850	64,390	64,390	72,640
Tomatoes	116,910	108,380	107,970	112,060
United States ²	400,550	371,300	369,220	386,700

Crop	Production			
	2010	2011		2012
	Total	Total	Contract ¹	Contract ¹
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Snap beans	694,940	617,750	606,970	609,960
Sweet corn	2,444,130	2,383,460	2,379,530	2,452,890
Green peas	313,560	267,550	267,550	317,960
Tomatoes	11,590,390	11,245,540	11,208,340	12,248,550
United States ²	15,043,010	14,514,300	14,462,400	15,629,360

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: 2010, 2011, and Forecasted 2012

State	Area harvested						
	2010		2011			2012	
	Total		Total	Contract ¹		Contract ¹	
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Illinois	11,100	7,200	7,200	7,200		8,000	
Indiana	5,500	(D)	(D)	(D)		5,300	
Michigan	14,800	15,600	15,500	15,500		17,800	
Minnesota	8,300	(D)	(D)	(D)		(D)	
New York	22,100	13,600	12,700	12,700		(D)	
Oregon	16,800	17,000	17,000	17,000		(D)	
Pennsylvania	11,400	15,400	14,300	14,300		13,640	
Wisconsin	75,800	69,100	68,700	68,700		71,200	
Other States ²	27,260	26,050	24,800	24,800		44,160	
United States	193,060	163,950	160,200	160,200		160,100	

State	Yield per acre			Production			
	2010	2011	2012	2010	2011		2012
	Total	Total	Contract ¹	Total	Total	Contract ¹	Contract ¹
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
Illinois	3.73	3.87	4.15	41,410	27,860	27,860	33,200
Indiana	3.09	(D)	3.70	17,000	(D)	(D)	19,610
Michigan	3.98	3.37	3.50	58,910	52,560	52,300	62,300
Minnesota	3.31	(D)	(D)	27,480	(D)	(D)	(D)
New York	3.91	3.75	(D)	86,520	50,970	47,805	(D)
Oregon	6.45	6.65	(D)	108,350	112,980	112,980	(D)
Pennsylvania	2.75	2.83	2.95	31,360	43,580	40,790	40,240
Wisconsin	3.97	4.36	4.34	300,700	301,240	299,420	309,010
Other States ²	3.46	3.52	4.71	94,310	91,770	87,920	208,010
United States	3.97	4.15	4.20	766,040	680,960	669,075	672,370

(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: 2010, 2011, and Forecasted 2012

State	Area harvested						
	2010		2011			2012	
	Total		Total	Contract ¹		Contract ¹	
	(acres)		(acres)	(acres)		(acres)	
Illinois	16,100		(D)	(D)		(D)	(D)
Minnesota	117,200		119,900	119,900		124,800	124,800
Oregon	20,000		(D)	(D)		(D)	(D)
Washington	65,600		72,700	72,300		74,300	74,300
Wisconsin	77,700		74,500	74,500		72,100	72,100
Other States ²	38,600		59,550	59,550		67,850	67,850
United States	335,200		326,650	326,250		339,050	339,050

State	Yield per acre			Production			
	2010	2011	2012	2010	2011		2012
	Total	Total	Contract ¹	Total	Total	Contract ¹	Contract ¹
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
Illinois	6.10	(D)	(D)	98,210	(D)	(D)	(D)
Minnesota	7.01	6.14	6.75	821,730	735,760	735,760	842,400
Oregon	10.10	(D)	(D)	201,950	(D)	(D)	(D)
Washington	10.00	10.75	10.30	656,280	781,500	777,250	765,290
Wisconsin	7.79	8.00	7.38	604,980	595,780	595,780	532,100
Other States ²	8.06	8.64	8.31	311,060	514,290	514,210	564,070
United States	8.04	8.04	7.97	2,694,210	2,627,330	2,623,000	2,703,860

(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: 2010, 2011, and Forecasted 2012

State and utilization	Planted			
	2010	2011		2012
	Total	Total	Contract ¹	Contract ¹
	(acres)	(acres)	(acres)	(acres)
Delaware	3,900	4,100	4,100	5,700
Minnesota	62,700	67,300	67,300	76,600
Oregon	15,700	12,800	12,800	14,800
Washington	34,100	28,300	28,300	37,400
Wisconsin	44,100	37,000	37,000	38,400
Other States ²	27,100	12,900	12,900	13,900
United States	187,600	162,400	162,400	186,800
Canning	70,400	68,300	68,300	78,800
Freezing	117,200	94,100	94,100	108,000

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: 2010, 2011, and Forecasted 2012

State and utilization	Harvested			
	2010	2011		2012
	Total	Total	Contract ¹	Contract ¹
	(acres)	(acres)	(acres)	(acres)
Delaware	3,900	4,100	4,100	5,700
Minnesota	57,500	66,000	66,000	73,200
Oregon	14,500	12,100	12,100	13,600
Washington	33,800	27,900	27,900	36,100
Wisconsin	39,500	36,600	36,600	37,500
Other States ²	23,400	12,400	12,400	13,400
United States	172,600	159,100	159,100	179,500

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: 2010, 2011, and Forecasted 2012

State and utilization	Yield per acre			Production			
	2010	2011	2012	2010	2011		2012
	Total	Total	Contract ¹	Total	Total	Contract ¹	Contract ¹
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
Delaware	1.80	2.00	2.00	7,020	8,200	8,200	11,400
Minnesota	1.78	0.96	1.30	102,480	63,230	63,230	95,160
Oregon	1.98	2.68	2.65	28,700	32,400	32,400	36,040
Washington	2.66	3.43	3.20	89,910	95,700	95,700	115,520
Wisconsin	1.87	1.99	1.78	73,850	72,670	72,670	66,750
Other States ²	1.87	1.83	1.91	43,680	22,720	22,720	25,620
United States	2.00	1.85	1.95	345,640	294,920	294,920	350,490

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: 2010, 2011, and Forecasted 2012

State	Area harvested						
	2010		2011			2012	
	Total		Total	Contract ¹		Contract ¹	
	(acres)	(acres)	(acres)	(acres)		(acres)	
California	270,000		250,000	249,000		258,000	
Indiana	9,600		9,000	9,000		9,100	
Michigan	3,500		3,500	3,500		3,400	
Ohio	5,800		5,300	5,300		6,400	
United States	288,900		267,800	266,800		276,900	

State	Yield per acre			Production			
	2010	2011	2012	2010	2011		2012
	Total	Total	Contract ¹	Total	Total	Contract ¹	Contract ¹
	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(tons)
California	45.54	47.76	50.00	12,297,000	11,941,000	11,900,000	12,900,000
Indiana	21.40	24.89	32.75	205,440	224,010	224,010	298,030
Michigan	33.00	30.00	34.00	115,500	105,000	105,000	115,600
Ohio	27.30	23.80	29.40	158,340	126,140	126,140	188,160
United States	44.22	46.29	48.76	12,776,280	12,396,150	12,355,150	13,501,790

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

Lance Honig, Chief, Crops Branch	(202) 720-2127
Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Debbie Flippin – Fresh and Processing Vegetables, Onions, Strawberries.....	(202) 720-2157
Fred Granja – Apples, Apricots, Cherries, Plums, Prunes, Tobacco	(202) 720-4288
Chris Hawthorn – Citrus, Coffee, Grapes, Sugar Crops, Tropical Fruits.....	(202) 720-5412
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 Schauber – Berries, Cranberries, Potatoes, Sweet Potatoes	(202) 720-4285
Erika White – 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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