



# Vegetables

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Released July 10, 2003, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Vegetables" call Biz Wallingsford at (202) 720-2157, office hours 8:00 a.m. to 4:30 p.m. ET.

## **Fresh Vegetables Harvested Acreage Down 2 Percent**

The prospective area for harvest of 11 selected fresh market vegetables during the summer quarter is forecast to be 308,100 acres, down 2 percent from last year. Acreage decreases in snap beans, cabbage, carrots, head lettuce, bell peppers, and tomatoes more than offset acreage increases in broccoli, cauliflower, celery, sweet corn, and cucumbers. Area forecast for melon harvest is 124,300 acres, up 2 percent from last year. Cantaloupe acreage is forecast at 48,000 acres, virtually unchanged from 2002. Honeydew acreage, at 14,700 acres, is unchanged from last year. Watermelon acreage, at 61,600 acres, is 5 percent above a year ago.

Spring strawberry production is forecast at 18.2 million cwt, up 5 percent for comparable States from last year. Spring strawberry yield is forecast at 539 cwt, up 4 cwt from 2002 for comparable States. Area for harvest, at 33,700 acres, is up 4 percent for comparable States from last year.

## **Onion Harvested Acreage Down 3 Percent**

Onion growers expect to harvest 156,180 acres of onions in 2003, down 3 percent from last year. Spring onion growers harvested 31,200 acres, down 9 percent from last season. Summer, non-storage onion growers expect to harvest 22,500 acres, virtually unchanged from last year. Storage onion growers plan to harvest 102,480 acres in 2003, down 1 percent from last season. California plans to harvest 32,700 acres of storage onions, up 8 percent from last year.

## **Processed Vegetable Contracted Acreage Up 1 Percent**

Vegetable processors have contracted 1.28 million acres to be planted to the 5 major vegetable crops (snap beans, sweet corn, cucumbers for pickles, green peas, and tomatoes). This acreage is up 1 percent from last year for comparable States. Acreage increases for cucumbers for pickles and green peas more than offset decreases in snap beans, sweet corn, and tomatoes from last year's comparable States. Green pea production, at 411,820 tons, is up 19 percent from 2002. Contracted tomato production is forecast at 11.1 million tons, down 3 percent from 2002 for comparable States.

**Contents  
Fresh Market**

|            | Page |
|------------|------|
| By Crops   |      |
| Area ..... | 4    |

**Harvested Acres of Selected Vegetables, Melons, and Dual Purpose Crops by State**

|  |    |
|--|----|
| Beans, Snap .....  | 6  |
| Broccoli .....   | 6  |
| Cabbage .....  | 6  |
| Cantaloup .....  | 6  |
| Carrots .....  | 6  |
| Cauliflower .....  | 6  |
| Celery .....   | 7  |
| Corn, Sweet .....  | 7  |
| Cucumbers .....  | 7  |
| Eggplant .....   | 7  |
| Honeydew .....   | 7  |
| Lettuce, Head .....  | 7  |
| Onions .....   | 12 |
| Acreage, Yield, and Production (Spring and Summer Non-Storage) |    |
| Planted Acres (Storage)  |    |
| Peppers, Bell .....  | 7  |
| Strawberries .....   | 11 |
| Tomatoes .....   | 8  |
| Watermelon .....   | 8  |
| Fresh Market Crop Comments .....                               | 9  |

**Processing**

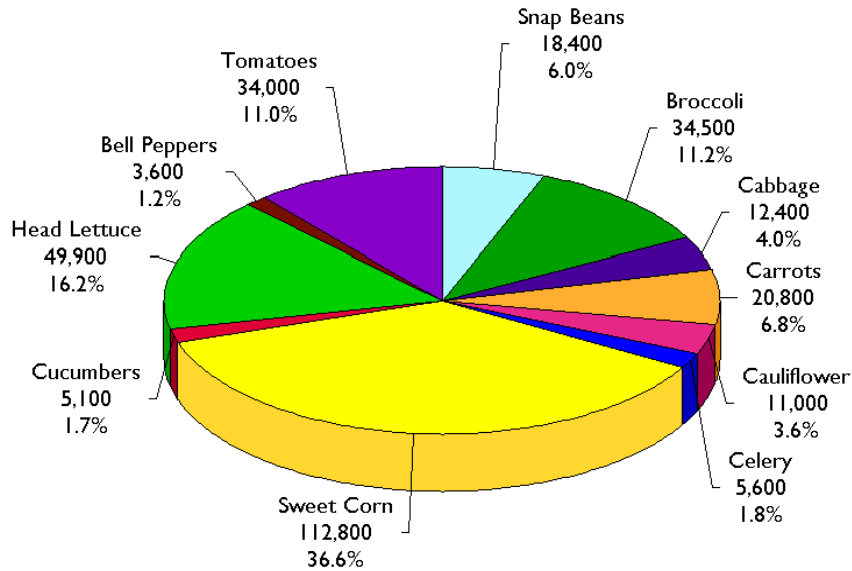
|            |    |
|------------|----|
| By Crops   |    |
| Area ..... | 16 |

**Principal Vegetables by State**

|                                |    |
|--------------------------------|----|
| Beans, Snap .....              | 18 |
| Corn, Sweet .....              | 19 |
| Cucumbers for Pickles .....    | 19 |
| Peas, Green .....              | 20 |
| Tomatoes .....                 | 21 |
| Processing Crop Comments ..... | 22 |

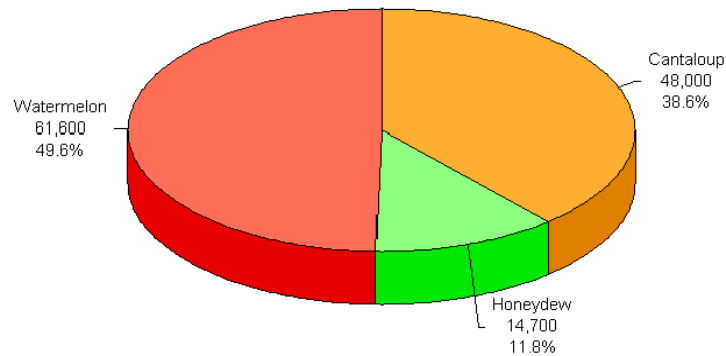
## Summer Season Fresh Market Vegetables: 2003

Harvested Acres  
Total: 308,100



## Summer Season Fresh Market Melons: 2003

Harvested Acres  
Total: 124,300



**Selected Fresh Market Vegetables and Melons: Area Harvested by Season,  
and Crop, Major States, 2001-2002 and Forecasted Area 2003  
(Domestic Units)**

| Season<br>and<br>Crop     | Area         |              |                        |
|---------------------------|--------------|--------------|------------------------|
|                           | Harvested    |              | For<br>Harvest<br>2003 |
|                           | 2001         | 2002         |                        |
|                           | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>           |
| Winter                    | 190,200      | 178,300      | 185,200                |
| Spring                    | 304,400      | 297,200      | 295,900                |
| Summer                    |              |              |                        |
| Snap Beans                | 20,400       | 20,600       | 18,400                 |
| Broccoli <sup>1</sup>     | 32,000       | 32,500       | 34,500                 |
| Cabbage                   | 16,000       | 14,100       | 12,400                 |
| Carrots                   | 23,800       | 23,400       | 20,800                 |
| Cauliflower <sup>1</sup>  | 10,000       | 10,000       | 11,000                 |
| Celery <sup>1</sup>       | 5,500        | 5,600        | 5,600                  |
| Sweet Corn                | 112,700      | 110,600      | 112,800                |
| Cucumbers                 | 4,800        | 4,700        | 5,100                  |
| Eggplant <sup>2</sup>     | 800          |              |                        |
| Head Lettuce              | 49,000       | 51,700       | 49,900                 |
| Bell Peppers <sup>1</sup> | 3,700        | 3,700        | 3,600                  |
| Tomatoes                  | 37,500       | 37,200       | 34,000                 |
| Total 12 Vegetables       | 316,200      | 314,100      | 308,100                |
| Cantaloup                 | 47,700       | 48,100       | 48,000                 |
| Honeydew                  | 14,100       | 14,700       | 14,700                 |
| Watermelon                | 64,200       | 58,700       | 61,600                 |
| Total 3 Melons            | 126,000      | 121,500      | 124,300                |
| Total Summer Crop         | 442,200      | 435,600      | 432,400                |

<sup>1</sup> Includes fresh market and processing.

<sup>2</sup> Estimate discontinued in 2002.

**Selected Fresh Market Vegetables and Melons: Area Harvested by Season,  
and Crop, Major States, 2001-2002 and Forecasted Area 2003  
(Metric Units)**

| Season<br>and<br>Crop            | Area            |                 |                        |
|----------------------------------|-----------------|-----------------|------------------------|
|                                  | Harvested       |                 | For<br>Harvest<br>2003 |
|                                  | 2001            | 2002            |                        |
|                                  | <i>Hectares</i> | <i>Hectares</i> | <i>Hectares</i>        |
| Winter                           | 76,970          | 72,160          | 74,950                 |
| Spring                           | 123,190         | 120,270         | 119,750                |
| Summer                           |                 |                 |                        |
| Snap Beans                       | 8,260           | 8,340           | 7,450                  |
| Broccoli <sup>1</sup>            | 12,950          | 13,150          | 13,960                 |
| Cabbage                          | 6,480           | 5,710           | 5,020                  |
| Carrots                          | 9,630           | 9,470           | 8,420                  |
| Cauliflower <sup>1</sup>         | 4,050           | 4,050           | 4,450                  |
| Celery <sup>1</sup>              | 2,230           | 2,270           | 2,270                  |
| Sweet Corn                       | 45,610          | 44,760          | 45,650                 |
| Cucumbers                        | 1,940           | 1,900           | 2,060                  |
| Eggplant <sup>2</sup>            | 320             |                 |                        |
| Head Lettuce                     | 19,830          | 20,920          | 20,190                 |
| Bell Peppers <sup>1</sup>        | 1,500           | 1,500           | 1,460                  |
| Tomatoes                         | 15,180          | 15,050          | 13,760                 |
| Total 12 Vegetables <sup>3</sup> | 127,960         | 127,110         | 124,680                |
| Cantaloup                        | 19,300          | 19,470          | 19,430                 |
| Honeydew                         | 5,710           | 5,950           | 5,950                  |
| Watermelon                       | 25,980          | 23,760          | 24,930                 |
| Total 3 Melons <sup>3</sup>      | 50,990          | 49,170          | 50,300                 |
| Total Summer Crop <sup>3</sup>   | 178,950         | 176,280         | 174,990                |

<sup>1</sup> Includes fresh market and processing.

<sup>2</sup> Estimates discontinued in 2002.

<sup>3</sup> Totals may not add due to rounding.

**Selected Fresh Market Vegetables and Melons: Area Harvested by Crop,  
State, and Total, Summer Season, 2001-2002 and Forecasted Area 2003**

| Crop<br>and<br>State     | Usual<br>Harvest<br>Period | Area         |              |                        |
|--------------------------|----------------------------|--------------|--------------|------------------------|
|                          |                            | Harvested    |              | For<br>Harvest<br>2003 |
|                          |                            | 2001         | 2002         |                        |
|                          |                            | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>           |
| Snap Beans               |                            |              |              |                        |
| GA                       | Jun-Sep                    | 2,500        | 3,000        | 2,500                  |
| MI                       | Jul-Oct                    | 3,800        | 4,300        | 4,400                  |
| NY                       | Jun-Oct                    | 11,400       | 10,200       | 8,600                  |
| VA                       | Jul-Sep                    | 2,700        | 3,100        | 2,900                  |
| Total                    |                            | 20,400       | 20,600       | 18,400                 |
| Broccoli <sup>1</sup>    |                            |              |              |                        |
| CA                       | Jun-Sep                    | 32,000       | 32,500       | 34,500                 |
| Cabbage                  |                            |              |              |                        |
| GA                       | Jun-Sep                    | 400          | 500          | 600                    |
| MI                       | Jun-Nov                    | 1,800        | 1,800        | 1,800                  |
| NY                       | Jun-Sep                    | 13,800       | 11,800       | 10,000                 |
| Total                    |                            | 16,000       | 14,100       | 12,400                 |
| Cantaloup                |                            |              |              |                        |
| CA                       | Jul-Sep                    | 38,500       | 39,000       | 39,000                 |
| GA                       | Jun-Sep                    | 1,700        | 2,100        | 2,000                  |
| SC                       | Jun-Sep                    | 1,500        | 1,500        | 1,500                  |
| TX                       | Jul-Sep                    | 6,000        | 5,500        | 5,500                  |
| Total                    |                            | 47,700       | 48,100       | 48,000                 |
| Carrots                  |                            |              |              |                        |
| CA                       | Jul-Sep                    | 19,000       | 19,000       | 16,000                 |
| MI                       | Jul-Nov                    | 4,800        | 4,400        | 4,800                  |
| Total                    |                            | 23,800       | 23,400       | 20,800                 |
| Cauliflower <sup>1</sup> |                            |              |              |                        |
| CA                       | Jul-Sep                    | 10,000       | 10,000       | 11,000                 |

See footnote(s) at end of table.

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**Selected Fresh Market Vegetables and Melons: Area Harvested  
by Crop, State, and Total, Summer Season,  
2001-2002 and Forecasted Area 2003 (continued)**

| Crop<br>and<br>State      | Usual<br>Harvest<br>Period | Area         |              |                        |
|---------------------------|----------------------------|--------------|--------------|------------------------|
|                           |                            | Harvested    |              | For<br>Harvest<br>2003 |
|                           |                            | 2001         | 2002         |                        |
|                           |                            | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>           |
| Celery <sup>1</sup><br>CA | Jul-Sep                    | 5,500        | 5,600        | 5,600                  |
| Sweet Corn                |                            |              |              |                        |
| CA                        | Jul-Sep                    | 7,700        | 9,000        | 10,000                 |
| IL                        | Jul-Aug                    | 5,700        | 5,600        | 5,600                  |
| MI                        | Jul-Oct                    | 9,000        | 10,000       | 10,000                 |
| NJ                        | Jul-Oct                    | 8,900        | 8,500        | 8,200                  |
| NY                        | Jul-Oct                    | 33,400       | 31,800       | 31,700                 |
| NC                        | Jun-Aug                    | 8,200        | 8,100        | 8,700                  |
| OH                        | Jul-Oct                    | 15,400       | 14,400       | 15,100                 |
| PA                        | Jul-Sep                    | 17,100       | 15,700       | 15,900                 |
| WI                        | Aug-Sep                    | 7,300        | 7,500        | 7,600                  |
| Total                     |                            | 112,700      | 110,600      | 112,800                |
| Cucumbers                 |                            |              |              |                        |
| NJ                        | Jun-Oct                    | 2,700        | 3,000        | 3,000                  |
| VA                        | Jul-Sep                    | 2,100        | 1,700        | 2,100                  |
| Total                     |                            | 4,800        | 4,700        | 5,100                  |
| Eggplant                  |                            |              |              |                        |
| NJ <sup>2</sup>           | Jul-Oct                    | 800          |              |                        |
| Honeydew                  |                            |              |              |                        |
| AZ                        | Jun-Sep                    | 1,600        | 1,700        | 1,700                  |
| CA                        | Jul-Sep                    | 12,500       | 13,000       | 13,000                 |
| Total                     |                            | 14,100       | 14,700       | 14,700                 |
| Head Lettuce              |                            |              |              |                        |
| CA                        | Jul-Sep                    | 47,000       | 49,000       | 48,000                 |
| CO                        | Jun-Sep                    | 2,000        | 2,700        | 1,900                  |
| Total                     |                            | 49,000       | 51,700       | 49,900                 |
| Bell Peppers <sup>1</sup> |                            |              |              |                        |
| NJ                        | Jul-Oct                    | 3,700        | 3,700        | 3,600                  |

See footnote(s) at end of table.

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**Selected Fresh Market Vegetables and Melons: Area Harvested  
by Crop, State, and Total, Summer Season,  
2001-2002 and Forecasted Area 2003**

| Crop<br>and<br>State | Usual<br>Harvest<br>Period | Area         |              |                        |
|----------------------|----------------------------|--------------|--------------|------------------------|
|                      |                            | Harvested    |              | For<br>Harvest<br>2003 |
|                      |                            | 2001         | 2002         |                        |
|                      |                            | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>           |
| Tomatoes             |                            |              |              |                        |
| CA                   | Jul-Sep                    | 21,300       | 21,600       | 19,500                 |
| MI                   | Jul-Sep                    | 1,800        | 1,700        | 1,800                  |
| NJ                   | Jul-Oct                    | 3,400        | 3,300        | 3,000                  |
| NY                   | Jul-Oct                    | 3,000        | 2,700        | 1,800                  |
| PA                   | Jul-Sep                    | 4,100        | 4,100        | 4,100                  |
| VA                   | Jul-Sep                    | 3,900        | 3,800        | 3,800                  |
| Total                |                            | 37,500       | 37,200       | 34,000                 |
| Watermelon           |                            |              |              |                        |
| CA                   | Jul-Sep                    | 9,000        | 8,900        | 9,300                  |
| GA                   | Jun-Sep                    | 22,000       | 20,000       | 19,000                 |
| MS                   | Jun-Sep                    | 2,500        | 2,300        | 1,800                  |
| SC                   | Jun-Sep                    | 7,700        | 7,500        | 8,500                  |
| TX                   | Jul-Sep                    | 23,000       | 20,000       | 23,000                 |
| Total                |                            | 64,200       | 58,700       | 61,600                 |

<sup>1</sup> Includes fresh market and processing.

<sup>2</sup> Estimates discontinued in 2002.



**Snap Beans:** Summer fresh market acreage for harvest is forecast at 18,400 acres, down 11 percent from last year. In Georgia, fieldwork and planting were delayed by excessive rainfall. Wet conditions also increased disease pressure. Michigan growers experienced cold and wet conditions this past spring which have delayed the season 1 to 3 weeks. Some acreage was replanted because of poor germination. New York's acreage is down because long periods of rain saturated fields during planting in May and June. Virginia's season is a week behind schedule due to almost constant rainfall during planting. The excess rain has also caused increased disease pressure. Yields are expected to be good despite wet conditions.

**Broccoli:** California's acreage for summer harvest is forecast at 34,500 acres, up 6 percent from last year. Conditions are excellent this year. Planting occurred in June with no pest or disease problems reported.

**Cabbage:** Fresh market acreage for harvest is forecast at 12,400 acres, down 12 percent from 2002. Georgia received excessive rainfall during planting which delayed fieldwork. In Michigan, many growers were late getting the crop planted due to cold and wet conditions this spring. By the middle of June, however, the crop looked good. Some flea beetle problems were reported. New York acreage is lower due to excess rainfall during planting in April and May. As a result, some growers chose to plant vegetables with later planting periods.

**Cantaloup:** Summer cantaloup acreage for harvest is forecast at 48,000 acres, virtually unchanged from 2002. California's summer crop is progressing well under favorable growing conditions with no major pest or disease problems reported. Georgia growers have decreased acreage from 2002 due to excessive rain which delayed planting. South Carolina growers got a late start due to the cool, wet spring. Texas growers fared better than expected following the early April hail storm. The crop is doing well at this time with minimal damage reported.

**Carrots:** Acreage for fresh market harvest is forecast at 20,800 acres, down 11 percent from last year. California's crop is in good condition. The State has experienced no major disease or pest problems. In Michigan, the carrot crop is running one to three weeks behind due to cold, wet weather which has caused planting delays and slowed development.

**Cauliflower:** California's acreage for summer harvest is forecast at 11,000 acres, up 10 percent from 2002. Warm weather has helped the crop progress well this season with no disease or pest problems reported.

**Celery:** California's summer acreage for harvest is forecast at 5,600 acres, unchanged from 2002. Harvest is winding down in Oxnard and is underway in Salinas. No disease or pest problems have been reported for the summer crop.

**Sweet Corn:** Fresh market acreage for harvest is forecast at 112,800 acres, up 2 percent from last year. California sweet corn is in excellent condition this season. Growers in the Imperial Valley report a successful harvest and some growers have harvested 24 hours a day at times due to strong demand and profitable prices. However, hot weather in late May and a rapid cooling period in early June hurt the quality of Imperial Valley sweet corn. The Illinois crop is expected to run a little later than normal this season. Wind and other weather damage will lower yields. Planting of the Michigan crop began in early May but emergence and growth were slowed by cool temperatures. Mid-June sunshine and warmer temperatures improved development. New Jersey planting is a week to 10 days behind schedule due to excessive rainfall in May and most of June. Crop development is slow due to low nighttime temperatures and lack of sunshine. Cool, wet weather in New York delayed planting of most vegetables causing growers to substitute sweet corn which has later planting dates. North Carolina planting began a week later than usual under wet conditions and continued through June 20. Growers in southern Ohio were able to plant earlier this year due to warmer than normal temperatures during March. Pennsylvania experienced cold, wet weather which has slowed growth of the crop. In Wisconsin, planting was delayed and development slowed by cooler temperatures. Planting began in April and was still underway by mid-June.

**Cucumbers:** Acreage for summer harvest is forecast at 5,100 acres, up 9 percent from 2002. New Jersey's early plantings are in good condition but later plantings were interrupted by frequent rains. Higher temperatures improved quality. Harvest began in late June. In Virginia, frequent rainfall has delayed crop progress and increased disease pressure.

**Honeydew:** Fresh market acreage for summer harvest is forecast at 14,700 acres, unchanged from last year. Arizona's crop was slowed by fluctuating temperatures early in the season. Initial warm temperatures followed by cooler weather caused vines to be thin and slowed development which will affect yields and delay harvest. California's crop is progressing well with no major insect or disease problems reported.

**Head Lettuce:** Acreage for summer harvest is forecast at 49,900 acres, down 3 percent from last year. California iceberg lettuce is doing well with abundant supplies and very good quality. No major pest problems have been reported. Colorado's crop is in good condition, but is a little behind due to windy conditions and cooler than normal temperatures which delayed planting.

**Bell Peppers:** New Jersey's acreage for summer harvest is forecast at 3,600 acres, down 3 percent from 2002. Growing conditions are fair. Increasing temperatures will help development. Good volume is expected to begin in mid-July.

**Tomatoes:** Fresh market acreage for summer harvest is forecast at 34,000 acres, down 9 percent from last year. California's crop was delayed by cool and wet conditions during spring planting. Michigan growers experienced cold, wet weather during spring planting which slowed crop development. However, tomatoes transplanted under tunnels fared well. By late June, many plants were outgrowing the tunnels and at first fruit set. Those planted in the open began to look better as weather improved across the State. Planting of New Jersey tomatoes was interrupted by frequent rains. Cool nights during May and June slowed development. However, plants are benefitting from warmer temperatures during the last week of June. Harvest is expected to begin after the first week of July, 7 to 10 days late. New York's season has been delayed by cool, wet weather. Growers will continue planting into July if weather permits. Pennsylvania's planting activities have been slowed by frequent rain and cool temperatures. Virginia received constant rainfall during this season which has delayed the crop and increased disease pressure.

**Watermelon:** Summer acreage for harvest is forecast at 61,600 acres, up 5 percent from 2002. California is having a good season with favorable conditions and good quality reported. Georgia's summer acreage has decreased this year because excessive rainfall caused planting delays and disease leading to replanting of some fields. Mississippi crops were planted late due to wet conditions in March. Most fields currently have solid vine coverage but frequent rain has increased disease pressure. In South Carolina the watermelon season was delayed by cool, wet spring weather. Some growers decided not to plant because of wet conditions. Texas watermelons are doing well in the Trans Pecos region but acreage in the Winter Garden area is about one month behind schedule due to a late freeze that caused some growers to replant. The Rio Grande Valley is having weather difficulties as well beginning with too much rain followed by cold temperatures and finally, dry conditions.

**Strawberries: Area Harvested, Yield, and Production  
by Season, State, and Total, 2001-2002 and Forecasted 2003 <sup>1</sup>**

| Season and State | Area         |              |                  | Yield per Acre |            |            | Production       |                  |                  |
|------------------|--------------|--------------|------------------|----------------|------------|------------|------------------|------------------|------------------|
|                  | Harvested    |              | For Harvest 2003 | 2001           | 2002       | 2003       | 2001             | 2002             | 2003             |
|                  | 2001         | 2002         |                  |                |            |            |                  |                  |                  |
|                  | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>     | <i>Cwt</i>     | <i>Cwt</i> | <i>Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| Winter<br>FL     | 6,500        | 6,900        | 7,100            | 260            | 255        | 220        | 1,690            | 1,760            | 1,562            |
| Spring           |              |              |                  |                |            |            |                  |                  |                  |
| CA               | 26,400       | 28,500       | 29,600           | 520            | 595        | 600        | 13,728           | 16,957           | 17,760           |
| MI               | 900          | 900          | 900              | 56             | 47         | 58         | 50               | 42               | 52               |
| NJ <sup>2</sup>  | 400          |              |                  | 45             |            |            | 18               |                  |                  |
| OR               | 3,100        | 3,000        | 3,200            | 130            | 115        | 115        | 402              | 338              | 368              |
| WA <sup>3</sup>  | 1,600        | 1,800        |                  | 100            | 90         |            | 160              | 162              |                  |
| Major Sts        | 32,400       | 34,200       | 33,700           | 443            | 512        | 539        | 14,358           | 17,499           | 18,180           |
| Total            | 38,900       | 41,100       | 40,800           | 413            | 469        | 484        | 16,048           | 19,259           | 19,742           |

<sup>1</sup> Includes fresh market and processing.

<sup>2</sup> Estimates discontinued in 2002.

<sup>3</sup> Seasonal forecast discontinued. Estimate to be published in the January 2004 annual.

**Strawberries:** Spring strawberry production in the U.S. is forecast at 18.2 million cwt, up 5 percent for comparable States from last year and 28 percent above comparable States for 2001. Acres harvested, at 33,700, are up 4 percent for comparable States from last year and 11 percent above comparable States in 2001. California acreage is up in all major growing districts this season. The first two months of the season got off to a great start with mild winter temperatures and an early maturing crop. This was followed by a period of low temperatures and rain which delayed harvest and slowed the season for the northern districts in Watsonville and Salinas. In Michigan, harvest of berries in covered rows began in late May. The cool spring delayed harvest of open patches until the second week of June. Harvest is now in full swing and is expected to run for another few weeks. Excellent quality is reported. Harvest in Oregon is in full swing with peak harvest about mid-June. Crop quality is good and average yields are expected.

**Onions: Area Planted and Harvested, and Yield Per Acre  
by Season, State, and United States, 2002 and Forecasted 2003 <sup>1</sup>**

| Season and State         | Area Planted |              | Area Harvested |              | Yield per Acre |              |
|--------------------------|--------------|--------------|----------------|--------------|----------------|--------------|
|                          | 2002         | 2003         | 2002           | 2003         | 2002           | 2003         |
|                          | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>   | <i>Acres</i> |
| Spring <sup>2</sup>      |              |              |                |              |                |              |
| AZ                       | 1,600        | 1,400        | 1,500          | 1,400        | 460            | 510          |
| CA                       | 6,400        | 6,500        | 6,200          | 6,300        | 460            | 470          |
| GA                       | 14,700       | 14,000       | 11,500         | 12,500       | 125            | 175          |
| TX                       | 16,200       | 13,000       | 15,000         | 11,000       | 315            | 320          |
| Total                    | 38,900       | 34,900       | 34,200         | 31,200       | 284            | 301          |
| Summer                   |              |              |                |              |                |              |
| Non-storage <sup>2</sup> |              |              |                |              |                |              |
| CA                       | 7,500        | 8,000        | 7,200          | 7,700        | 470            | 510          |
| NV                       | 3,300        | 3,200        | 3,300          | 3,200        | 560            | 520          |
| NM                       | 8,100        | 7,700        | 8,000          | 7,700        | 550            | 560          |
| TX                       | 3,000        | 2,700        | 2,800          | 2,500        | 350            | 400          |
| WA <sup>3</sup>          | 1,100        | 1,400        | 1,100          | 1,400        | 360            | 370          |
| Total                    | 23,000       | 23,000       | 22,400         | 22,500       | 491            | 508          |
| Storage <sup>4</sup>     |              |              |                |              |                |              |
| CA <sup>5</sup>          | 31,500       | 34,000       | 30,400         | 32,700       | 405            |              |
| CO                       | 12,500       | 9,500        | 11,000         | 9,000        | 400            |              |
| ID                       | 8,100        | 8,500        | 7,900          | 8,300        | 640            |              |
| MI                       | 4,000        | 3,700        | 3,900          | 3,600        | 230            |              |
| MN                       | 280          | 260          | 250            | 200          | 310            |              |
| NY                       | 12,700       | 12,100       | 12,300         | 11,500       | 230            |              |
| OH                       | 470          | 380          | 470            | 380          | 260            |              |
| OR                       |              |              |                |              |                |              |
| Malheur                  | 12,000       | 11,800       | 12,000         | 11,800       | 650            |              |
| Other                    | 5,400        | 5,500        | 5,400          | 5,500        | 530            |              |
| UT                       | 2,200        | 1,900        | 2,100          | 1,800        | 500            |              |
| WA                       | 16,000       | 16,000       | 16,000         | 16,000       | 560            |              |
| WI                       | 2,100        | 1,900        | 1,900          | 1,700        | 280            |              |
| Total                    | 107,250      | 105,540      | 103,620        | 102,480      | 453            |              |
| Total Summer             | 130,250      | 128,540      | 126,020        | 124,980      | 459            |              |
| US                       | 169,150      | 163,440      | 160,220        | 156,180      | 422            |              |

<sup>1</sup> Estimates for 2002 revised.

<sup>2</sup> Primarily fresh market.

<sup>3</sup> 2003 forecast includes Walla Walla and other non-storage onions.

<sup>4</sup> Yield and production for 2003 will be published October 3, 2003.

<sup>5</sup> Primarily dehydrated and other processing.

**Onions: Production, Shrinkage and Loss by Season,  
State, and United States, 2001-2002 and Production Forecasted 2003 <sup>1</sup>**

| Season and State         | Production       |                  |                  | Shrinkage and Loss |                  |
|--------------------------|------------------|------------------|------------------|--------------------|------------------|
|                          | 2001             | 2002             | 2003             | 2001               | 2002             |
|                          | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i>   | <i>1,000 Cwt</i> |
| Spring <sup>2</sup>      |                  |                  |                  |                    |                  |
| AZ                       | 1,290            | 690              | 714              |                    |                  |
| CA                       | 2,666            | 2,852            | 2,961            |                    |                  |
| GA                       | 2,565            | 1,438            | 2,188            |                    |                  |
| TX                       | 4,615            | 4,725            | 3,520            |                    |                  |
| Total                    | 11,136           | 9,705            | 9,383            |                    |                  |
| Summer                   |                  |                  |                  |                    |                  |
| Non-storage <sup>2</sup> |                  |                  |                  |                    |                  |
| CA                       | 3,150            | 3,384            | 3,927            |                    |                  |
| NV                       | 1,334            | 1,848            | 1,664            |                    |                  |
| NM                       | 3,773            | 4,400            | 4,312            |                    |                  |
| TX                       | 1,040            | 980              | 1,000            |                    |                  |
| WA <sup>3</sup>          | 288              | 396              | 518              |                    |                  |
| Total                    | 9,585            | 11,008           | 11,421           |                    |                  |
| Storage <sup>4</sup>     |                  |                  |                  |                    |                  |
| CA <sup>5</sup>          | 12,069           | 12,312           |                  | 250                | 250              |
| CO                       | 4,140            | 4,400            |                  | 660                | 700              |
| ID                       | 4,992            | 5,056            |                  | 700                | 700              |
| MI                       | 999              | 897              |                  | 200                | 180              |
| MN                       | 73               | 78               |                  | 10                 | 10               |
| NY                       | 4,224            | 2,829            |                  | 451                | 375              |
| OH                       | 169              | 122              |                  | 15                 | 7                |
| OR                       |                  |                  |                  |                    |                  |
| Malheur                  | 7,006            | 7,800            |                  | 1,580              | 1,540            |
| Other                    | 2,964            | 2,862            |                  | 430                | 370              |
| UT                       | 956              | 1,050            |                  | 122                | 263              |
| WA                       | 8,800            | 8,960            |                  | 1,672              | 1,520            |
| WI                       | 540              | 532              |                  | 76                 | 50               |
| Total                    | 46,932           | 46,898           |                  | 6,166              | 5,965            |
| Summer                   | 56,517           | 57,906           |                  | 6,166              | 5,965            |
| US                       | 67,653           | 67,611           |                  | 6,166              | 5,965            |

<sup>1</sup> Estimates for 2002 revised. Shrinkage and loss for 2003 will be published in the Vegetable 2003 Summary, released January 2004.

<sup>2</sup> Primarily fresh market.

<sup>3</sup> 2003 forecast includes Walla Walla and other non-storage onions.

<sup>4</sup> Yield and production for 2003 will be published October 3, 2003.

<sup>5</sup> Primarily dehydrated and other processing.

**Onions: Price and Value by Season, State,  
and United States, 2001-2002 <sup>1</sup>**

| Season and State         | Value Per Cwt  |                | Total Value          |                      |
|--------------------------|----------------|----------------|----------------------|----------------------|
|                          | 2001           | 2002           | 2001                 | 2002                 |
|                          | <i>Dollars</i> | <i>Dollars</i> | <i>1,000 Dollars</i> | <i>1,000 Dollars</i> |
| Spring <sup>2</sup>      |                |                |                      |                      |
| AZ                       | 8.00           | 8.35           | 10,320               | 5,762                |
| CA                       | 13.50          | 14.20          | 35,991               | 40,498               |
| GA                       | 27.50          | 32.20          | 70,538               | 46,304               |
| TX                       | 18.50          | 21.40          | 85,378               | 101,115              |
| Total                    | 18.20          | 20.00          | 202,227              | 193,679              |
| Summer                   |                |                |                      |                      |
| Non-storage <sup>2</sup> |                |                |                      |                      |
| CA                       | 13.50          | 12.90          | 42,525               | 43,654               |
| NV                       | 12.00          | 13.00          | 16,008               | 24,024               |
| NM                       | 14.40          | 12.50          | 54,331               | 55,000               |
| TX                       | 20.20          | 22.20          | 21,008               | 21,756               |
| WA <sup>3</sup>          | 19.40          | 23.90          | 5,587                | 9,464                |
| Total                    | 14.50          | 14.00          | 139,459              | 153,898              |
| Storage                  |                |                |                      |                      |
| CA <sup>4</sup>          | 7.26           | 7.12           | 85,748               | 85,847               |
| CO                       | 12.40          | 14.40          | 43,152               | 53,280               |
| ID                       | 8.10           | 11.80          | 34,765               | 51,401               |
| MI                       | 12.20          | 12.50          | 9,748                | 8,963                |
| MN                       | 7.35           | 7.60           | 463                  | 517                  |
| NY                       | 9.70           | 12.40          | 36,598               | 30,430               |
| OH                       | 15.00          | 13.70          | 2,310                | 1,576                |
| OR                       |                |                |                      |                      |
| Malheur                  | 9.32           | 9.01           | 50,570               | 56,403               |
| Other                    | 9.60           | 9.86           | 24,326               | 24,571               |
| UT                       | 7.70           | 8.40           | 6,422                | 6,611                |
| WA                       | 8.20           | 12.30          | 58,450               | 91,512               |
| WI                       | 8.00           | 8.25           | 3,712                | 3,977                |
| Total                    | 8.74           | 10.10          | 356,264              | 415,088              |
| Summer                   | 9.85           | 11.00          | 495,723              | 568,986              |
| US                       | 11.40          | 12.40          | 697,950              | 762,665              |

<sup>1</sup> 2002 revised.

<sup>2</sup> Primarily fresh.

<sup>3</sup> 2003 forecast includes Walla Walla and other non-storage onions.

<sup>4</sup> Primarily dehydrated and other processing.

**Spring Onions:** Production of spring onions in 2003 is forecast at 9.38 million cwt, down 3 percent from last year and 16 percent below 2001. The crop is produced on 31,200 harvested acres, averaging 301 cwt per acre. Many Arizona growers are still harvesting. Harvest is expected to continue until mid- to late-July. California's spring onion crop is progressing well, but cool weather during spring slowed growth in some areas. Wide range in quality is reported. Georgia received above normal rainfall in April and through harvest. Disease problems were minimal although some disease did occur late in the season leading growers to abandon some acreage. The crop was in fair to good condition throughout most of the growing season. Texas had storms in the lower Rio Grande Valley in early April but damage was not as great as originally anticipated.

**Summer, Non-Storage Onions:** Production of non-storage onions is forecast at 11.4 million cwt, up 4 percent from last year. Harvested area covers 22,500 acres, up slightly from 2002. California non-storage summer onions have progressed well during the season although the crop is a little behind in a few areas due to cool spring weather. There were a few instances of mildew reported. Nevada's crop is currently 4 to 6 inches high and in good condition. New Mexico's crop is in good condition with over 50 percent of the crop harvested. Texas summer onion growers report a fair crop with minimal signs of pink root.

**Summer, Storage Onions:** Growers expect to harvest 102,480 acres of storage onions this year, down 1 percent from last year. The California crop is progressing well with some areas behind due to cool spring weather. Crop condition ranges from normal to good. No major pest problems have been reported but there were a few reports of mildew. The processing portion of the California crop has been reported in excellent condition with exceptional yields and good quality expected in the Imperial Valley. Idaho's crop is doing well with overall growth ahead of last year, however, wet and cool conditions in mid-May briefly slowed development. Michigan growers completed planting in mid-May. The crop has grown well despite below normal temperatures. Minnesota reports adequate topsoil moisture. Some portions of the crop were lost to hail damage but otherwise conditions have been favorable. New York's acreage is lower this year due to excessive rains that delayed the crop and prevented planting in some areas. Ohio onions have experienced wet weather and cool temperatures. Oregon growers are about 3 weeks behind schedule this season as they are still struggling with water availability. Washington growers are anticipating a good crop with no pest or disease problems reported. The Wisconsin crop is progressing well with areas in the central part of the State progressing ahead of last year.

**2002 Storage Onions, Revised:** The final tally of 2002 storage onion production is 46.9 million cwt, virtually unchanged from 2001. Harvested acreage, at 103,620 acres, is less than 1 percent below 2001. Average yield of 453 cwt per acre, is the same as 2001. The 2002 storage crop is valued at \$415 million, an increase of 17 percent from 2001. Average price per cwt increased from \$8.74 in 2001 to \$10.10 in 2002. With spring and non-storage summer onions added in, total value of the 2002 harvested onions was \$763 million, up 9 percent from 2001.

**Processing Vegetables: Area Planted, Production, and Utilization  
by Crop, United States, 2001-2002 and Forecasted 2003  
(Domestic Units)**

| Utilization<br>and<br>Crop | Area Planted  |              |                       | 2003<br>Contract <sup>1</sup> |
|----------------------------|---------------|--------------|-----------------------|-------------------------------|
|                            | 2001<br>Total | 2002         |                       |                               |
|                            |               | Total        | Contract <sup>1</sup> |                               |
|                            | <i>Acres</i>  | <i>Acres</i> | <i>Acres</i>          | <i>Acres</i>                  |
| All Processing             |               |              |                       |                               |
| Snap Beans                 | 209,780       | 225,100      | 220,200               | 197,100                       |
| Sweet Corn                 | 457,650       | 444,800      | 444,230               | 443,800                       |
| Cucumbers for<br>Pickles   | 112,110       | 121,800      | 79,800                | 101,800                       |
| Green Peas                 | 218,140       | 228,500      | 228,500               | 241,750                       |
| Tomatoes                   | 279,930       | 317,100      | 311,100               | 299,600                       |
| Total                      | 1,277,610     | 1,337,300    | 1,283,830             | 1,284,050                     |
| Canning                    |               |              |                       |                               |
| Snap Beans                 | 136,680       | 158,400      | 155,500               | 136,500                       |
| Sweet Corn                 | 230,900       | 221,300      | 220,830               | 226,700                       |
| Cucumbers for<br>Pickles   | 112,110       | 121,800      | 79,800                | 101,800                       |
| Green Peas                 | 90,900        | 98,300       | 98,300                | 107,700                       |
| Tomatoes                   | 279,930       | 317,100      | 311,100               | 299,600                       |
| Total Canning              | 850,520       | 916,900      | 865,530               | 872,300                       |
| Freezing                   |               |              |                       |                               |
| Snap Beans                 | 73,100        | 66,700       | 64,700                | 60,600                        |
| Sweet Corn                 | 226,750       | 223,500      | 223,400               | 217,100                       |
| Green Peas                 | 127,240       | 130,200      | 130,200               | 134,050                       |
| Total Freezing             | 427,090       | 420,400      | 418,300               | 411,750                       |
|                            |               | Production   |                       |                               |
|                            | 2001<br>Total | 2002         |                       | 2003<br>Contract <sup>1</sup> |
|                            |               | Total        | Contract <sup>1</sup> |                               |
|                            | <i>Tons</i>   | <i>Tons</i>  | <i>Tons</i>           | <i>Tons</i>                   |
| All Processing             |               |              |                       |                               |
| Green Peas                 | 390,220       | 347,090      | 347,090               | 411,820                       |
| Tomatoes                   | 9,248,720     | 11,656,820   | 11,407,220            | 11,099,150                    |
| Total                      | 9,638,940     | 12,003,910   | 11,754,310            | 11,510,970                    |

<sup>1</sup> Includes acreage from major brokers.



**Processing Vegetables: Area Planted, Production, and Utilization  
by Crop, United States, 2001-2002 and Forecasted 2003  
(Metric Units)**

| Utilization<br>and<br>Crop  | Area Planted       |                    |                       |                               |
|-----------------------------|--------------------|--------------------|-----------------------|-------------------------------|
|                             | 2001<br>Total      | 2002               |                       | 2003<br>Contract <sup>1</sup> |
|                             |                    | Total              | Contract <sup>1</sup> |                               |
|                             | <i>Hectares</i>    | <i>Hectares</i>    | <i>Hectares</i>       | <i>Hectares</i>               |
| All Processing              |                    |                    |                       |                               |
| Snap Beans                  | 84,900             | 91,100             | 89,110                | 79,760                        |
| Sweet Corn                  | 185,210            | 180,010            | 179,780               | 179,600                       |
| Cucumbers for<br>Pickles    | 45,370             | 49,290             | 32,290                | 41,200                        |
| Green Peas                  | 88,280             | 92,470             | 92,470                | 97,830                        |
| Tomatoes                    | 113,280            | 128,330            | 125,900               | 121,250                       |
| Total <sup>2 3</sup>        | 517,040            | 541,190            | 519,550               | 519,640                       |
| Canning                     |                    |                    |                       |                               |
| Snap Beans                  | 55,310             | 64,100             | 62,930                | 55,240                        |
| Sweet Corn                  | 93,440             | 89,560             | 89,370                | 91,740                        |
| Cucumbers for<br>Pickles    | 45,370             | 49,290             | 32,290                | 41,200                        |
| Green Peas                  | 36,790             | 39,780             | 39,780                | 43,590                        |
| Tomatoes                    | 113,280            | 128,330            | 125,900               | 121,250                       |
| Total Canning <sup>2</sup>  | 344,200            | 371,060            | 350,270               | 353,010                       |
| Freezing                    |                    |                    |                       |                               |
| Snap Beans                  | 29,580             | 26,990             | 26,180                | 24,520                        |
| Sweet Corn                  | 91,760             | 90,450             | 90,410                | 87,860                        |
| Green Peas                  | 51,490             | 52,690             | 52,690                | 54,250                        |
| Total Freezing <sup>2</sup> | 172,840            | 170,130            | 169,280               | 166,630                       |
|                             | Production         |                    |                       |                               |
|                             | 2001<br>Total      | 2002               |                       | 2003<br>Contract <sup>1</sup> |
|                             |                    | Total              | Contract <sup>1</sup> |                               |
|                             | <i>Metric Tons</i> | <i>Metric Tons</i> | <i>Metric Tons</i>    | <i>Metric Tons</i>            |
| All Processing              |                    |                    |                       |                               |
| Green Peas                  | 354,000            | 314,870            | 314,870               | 373,590                       |
| Tomatoes                    | 8,390,250          | 10,574,830         | 10,348,400            | 10,068,930                    |
| Total <sup>2</sup>          | 8,744,250          | 10,889,710         | 10,663,270            | 10,442,520                    |

<sup>1</sup> Includes acreage from major brokers.

<sup>2</sup> Totals may not add due to rounding.

<sup>3</sup> Utilization may not add to total crop because of rounding.

**Snap Beans for Processing: Area Planted by State  
and Utilization, United States, 2001-2002 and Forecasted 2003**

| State<br>and<br>Utilization | Area Planted  |              |                       |                               |
|-----------------------------|---------------|--------------|-----------------------|-------------------------------|
|                             | 2001<br>Total | 2002         |                       | 2003<br>Contract <sup>1</sup> |
|                             |               | Total        | Contract <sup>1</sup> |                               |
|                             | <i>Acres</i>  | <i>Acres</i> | <i>Acres</i>          | <i>Acres</i>                  |
| DE                          |               |              |                       | 2,800                         |
| IL                          | 13,900        | 22,400       | 20,000                |                               |
| IN                          | 6,800         | 6,200        | 6,200                 | 6,800                         |
| MD                          |               |              |                       | 1,600                         |
| MI                          | 16,500        | 16,700       | 16,700                | 13,900                        |
| NY                          | 23,100        | 21,700       | 21,700                | 24,400                        |
| OR                          | 19,600        | 18,700       | 18,700                | 16,800                        |
| PA                          | 8,200         | 7,600        | 7,600                 | 8,400                         |
| WI                          | 73,100        | 79,800       | 79,200                | 70,600                        |
| Oth Sts <sup>2 3</sup>      | 48,580        | 52,000       | 50,100                | 51,800                        |
| US <sup>3</sup>             | 209,780       | 225,100      | 220,200               | 197,100                       |
| Canning <sup>3</sup>        | 136,680       | 158,400      | 155,500               | 136,500                       |
| Freezing <sup>3</sup>       | 73,100        | 66,700       | 64,700                | 60,600                        |

<sup>1</sup> Includes acreage from major brokers.

<sup>2</sup> 2001 - AR, CA, DE, FL, GA, MD, MN, MO, NJ, NC, OH, TN, TX, and VA.

2002 - AR, CA, DE, FL, GA, MD, MN, MO, NJ, NC, TX, and VA.

2003 - CA, FL, GA, IL, MN, NJ, NC, TX, and VA.

<sup>3</sup> OH and TN estimates discontinued in 2002. Seasonal forecasts for AR and MO are not available. Estimates to be published in the January 2004 annual.

**Sweet Corn for Processing: Area Planted by State  
and Utilization, United States, 2001-2002 and Forecasted 2003**

| State and Utilization | Area Planted |              |                       |                            |
|-----------------------|--------------|--------------|-----------------------|----------------------------|
|                       | 2001 Total   | 2002         |                       | 2003 Contract <sup>1</sup> |
|                       |              | Total        | Contract <sup>1</sup> |                            |
|                       | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>          | <i>Acres</i>               |
| DE                    |              |              |                       | 18,400                     |
| IL                    | 18,400       | 16,100       | 16,100                |                            |
| MN                    | 132,000      | 148,000      | 148,000               | 142,000                    |
| NY                    | 31,000       | 17,600       | 17,500                | 17,800                     |
| OR                    | 29,300       | 33,000       | 33,000                | 31,200                     |
| PA                    | 650          | 1,400        | 1,400                 | 1,200                      |
| WA                    | 98,400       | 97,700       | 97,630                | 97,800                     |
| WI                    | 101,100      | 92,100       | 91,700                | 92,300                     |
| Oth Sts <sup>2</sup>  | 46,800       | 38,900       | 38,900                | 43,100                     |
| US                    | 457,650      | 444,800      | 444,230               | 443,800                    |
| Canning               | 230,900      | 221,300      | 220,830               | 226,700                    |
| Freezing              | 226,750      | 223,500      | 223,400               | 217,100                    |

<sup>1</sup> Includes acreage from major brokers.

<sup>2</sup> 2001 - DE, ID, IA, MD, NJ, and TN.

2002 - DE, ID, IA, MD, NJ, and TN.

2003 - ID, IL, IA, MD, NJ, and TN.

**Cucumbers for Pickles: Area Planted by State  
and United States, 2001-2002 and Forecasted 2003**

| State                  | Area Planted |              |                       |                            |              |              |
|------------------------|--------------|--------------|-----------------------|----------------------------|--------------|--------------|
|                        | 2001 Total   | 2002         |                       | 2003 Contract <sup>1</sup> |              |              |
|                        |              | Total        | Contract <sup>1</sup> | Early                      | Late         | All          |
|                        | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>          | <i>Acres</i>               | <i>Acres</i> | <i>Acres</i> |
| FL                     | 6,500        | 6,500        | 1,000                 | 6,200                      |              | 6,200        |
| IN                     | 1,800        | 1,600        | 1,600                 |                            | 2,100        | 2,100        |
| MD                     |              |              |                       | 4,300                      |              | 4,300        |
| MI                     | 31,000       | 35,500       | 22,000                | 27,000                     |              | 27,000       |
| NC <sup>2</sup>        | 18,200       | 18,500       | 9,900                 |                            |              | 10,500       |
| OH                     | 2,700        | 2,500        | 2,300                 | 2,400                      |              | 2,400        |
| SC                     | 3,500        | 3,900        | 3,900                 | 2,500                      | 1,700        | 4,200        |
| TX                     | 11,500       | 11,500       | 3,500                 | 11,000                     | 1,000        | 12,000       |
| WI                     | 5,100        | 5,800        | 5,100                 | 4,700                      |              | 4,700        |
| Oth Sts <sup>3 4</sup> | 31,810       | 36,000       | 30,500                | 31,000                     | 7,900        | 28,400       |
| US <sup>4</sup>        | 112,110      | 121,800      | 79,800                | 89,100                     | 12,700       | 101,800      |

<sup>1</sup> Includes acreage from major brokers.

<sup>2</sup> Early and late acreage not published to avoid disclosure of individual operations.

<sup>3</sup> 2001 - AL, CA, DE, GA, MD, MA, MO, NJ, NY, VA, and WA.

2002 - AL, CA, DE, GA, MD, MA, MO, and WA.

2003 - AL, CA, DE, GA, MA, and MO.

<sup>4</sup> Seasonal forecasts for WA are not available. Estimates to be published in the January 2004 annual. NJ, NY, and VA estimates discontinued in 2002.

**Green Peas for Processing: Area Planted, Harvested, Yield and Production  
by State and Utilization, United States, 2001-2002 and Forecasted 2003**

| State and Utilization  | Area Planted |              |                            |             |                            |                       |                            |
|------------------------|--------------|--------------|----------------------------|-------------|----------------------------|-----------------------|----------------------------|
|                        | 2001 Total   | 2002         |                            |             | 2003 Contract <sup>1</sup> |                       |                            |
|                        |              | Total        | Contract <sup>1</sup>      |             |                            |                       |                            |
|                        | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>               |             | <i>Acres</i>               |                       |                            |
| DE                     |              |              |                            |             | 7,400                      |                       |                            |
| MN                     | 69,300       | 80,500       | 80,500                     |             | 88,400                     |                       |                            |
| NY                     | 18,400       | 21,300       | 21,300                     |             | 16,200                     |                       |                            |
| OR                     | 23,200       | 20,300       | 20,300                     |             | 22,500                     |                       |                            |
| WA                     | 38,800       | 37,600       | 37,600                     |             | 46,300                     |                       |                            |
| WI                     | 38,800       | 42,100       | 42,100                     |             | 37,500                     |                       |                            |
| Oth Sts <sup>2 3</sup> | 29,640       | 26,700       | 26,700                     |             | 23,450                     |                       |                            |
| US <sup>3</sup>        | 218,140      | 228,500      | 228,500                    |             | 241,750                    |                       |                            |
| Canning <sup>3</sup>   | 90,900       | 98,300       | 98,300                     |             | 107,700                    |                       |                            |
| Freezing <sup>3</sup>  | 127,240      | 130,200      | 130,200                    |             | 134,050                    |                       |                            |
| Area Harvested         |              |              |                            |             |                            |                       |                            |
|                        | 2001 Total   | 2002         |                            |             | 2003 Contract <sup>1</sup> |                       |                            |
|                        |              | Total        | Contract <sup>1</sup>      |             |                            |                       |                            |
|                        | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>               |             | <i>Acres</i>               |                       |                            |
| DE                     |              |              |                            |             | 7,400                      |                       |                            |
| MN                     | 67,100       | 74,600       | 74,600                     |             | 81,800                     |                       |                            |
| NY                     | 17,400       | 15,400       | 15,400                     |             | 15,400                     |                       |                            |
| OR                     | 22,900       | 20,200       | 20,200                     |             | 21,800                     |                       |                            |
| WA                     | 38,400       | 36,800       | 36,800                     |             | 46,300                     |                       |                            |
| WI                     | 36,300       | 38,400       | 38,400                     |             | 35,100                     |                       |                            |
| Oth Sts <sup>2 3</sup> | 29,040       | 25,900       | 25,900                     |             | 23,300                     |                       |                            |
| US <sup>3</sup>        | 211,140      | 211,300      | 211,300                    |             | 231,100                    |                       |                            |
| Yield per Acre         |              |              | Production                 |             |                            |                       |                            |
|                        | 2001 Total   | 2002 Total   | 2003 Contract <sup>1</sup> | 2001 Total  | 2002                       |                       | 2003 Contract <sup>1</sup> |
|                        |              |              |                            | Total       | Total                      | Contract <sup>1</sup> |                            |
|                        | <i>Tons</i>  | <i>Tons</i>  | <i>Tons</i>                | <i>Tons</i> | <i>Tons</i>                | <i>Tons</i>           | <i>Tons</i>                |
| DE                     |              |              | 1.90                       |             |                            |                       | 14,060                     |
| MN                     | 1.42         | 1.32         | 1.40                       | 95,350      | 98,370                     | 98,370                | 114,520                    |
| NY                     | 2.27         | 1.44         | 2.05                       | 39,490      | 22,220                     | 22,220                | 31,570                     |
| OR                     | 1.68         | 1.43         | 2.05                       | 38,540      | 28,910                     | 28,910                | 44,690                     |
| WA                     | 2.24         | 2.04         | 2.15                       | 86,190      | 75,000                     | 75,000                | 99,550                     |
| WI                     | 1.89         | 1.75         | 1.80                       | 68,750      | 67,230                     | 67,230                | 63,180                     |
| Oth Sts <sup>2 3</sup> | 2.13         | 2.14         | 1.90                       | 61,900      | 55,360                     | 55,360                | 44,250                     |
| US <sup>3</sup>        | 1.85         | 1.64         | 1.78                       | 390,220     | 347,090                    | 347,090               | 411,820                    |

<sup>1</sup> Includes acreage from major brokers.

<sup>2</sup> 2001 - CA, DE, ID, IL, MD, NJ, and TN.

2002 - CA, DE, ID, IL, MD, and NJ.

2003 - CA, ID, IL, MD, and NJ.

<sup>3</sup> TN estimate discontinued in 2002.

**Tomatoes for Processing: Area Planted and Production  
by State and United States, 2001-2002 and Forecasted 2003**

| State                | Area Planted  |              |                       |                               |
|----------------------|---------------|--------------|-----------------------|-------------------------------|
|                      | 2001<br>Total | 2002         |                       | 2003<br>Contract <sup>1</sup> |
|                      |               | Total        | Contract <sup>1</sup> |                               |
|                      | <i>Acres</i>  | <i>Acres</i> | <i>Acres</i>          | <i>Acres</i>                  |
| CA                   | 258,000       | 296,000      | 290,000               | 279,000                       |
| IN                   | 8,600         | 8,200        | 8,200                 | 8,400                         |
| MI                   | 3,300         | 3,300        | 3,300                 | 3,200                         |
| OH                   | 6,370         | 6,400        | 6,400                 | 6,300                         |
| Oth Sts <sup>2</sup> | 3,660         | 3,200        | 3,200                 | 2,700                         |
| US <sup>3</sup>      | 279,930       | 317,100      | 311,100               | 299,600                       |
|                      | Production    |              |                       |                               |
|                      | 2001<br>Total | 2002         |                       | 2003<br>Contract <sup>1</sup> |
|                      |               | Total        | Contract <sup>1</sup> |                               |
|                      | <i>Tons</i>   | <i>Tons</i>  | <i>Tons</i>           | <i>Tons</i>                   |
| CA                   | 8,640,140     | 11,056,000   | 10,806,400            | 10,500,000                    |
| IN                   | 251,120       | 256,450      | 256,450               | 247,450                       |
| MI                   | 105,400       | 112,000      | 112,000               | 104,000                       |
| OH                   | 164,610       | 149,630      | 149,630               | 170,000                       |
| Oth Sts <sup>2</sup> | 87,450        | 82,740       | 82,740                | 77,700                        |
| US <sup>3</sup>      | 9,248,720     | 11,656,820   | 11,407,220            | 11,099,150                    |

<sup>1</sup> Includes acreage from major brokers.

<sup>2</sup> 2001 - DE, MD, NJ, PA, and VA.

2002 - MD, NJ, and PA.

2003 - NJ and PA.

<sup>3</sup> Seasonal forecasts for MD are not available. Estimates to be published in the January 2004 annual. DE and VA estimates discontinued in 2002.

**Snap Beans:** Processors contracted 197,100 acres for harvest in 2003, down 6 percent from the previous year for comparable States. Canning acreage, at 136,500 acres, is down 5 percent from last year for comparable States. Area contracted for freezing, at 60,600 acres, is down 6 percent from 2002. Illinois yields are expected to be below normal due to cold and wet conditions. Indiana growers struggled to get the crop planted against cold and rainy conditions. May and early June were rainy and wet, but favorable weather during the latter half of June has improved crop development. Michigan growers were able to complete planting despite cold, wet spring weather that caused a 1 to 3 week delay. Several growers replanted because of poor germination. New York fields were saturated by constant rain in May and June resulting in decreased planted acreage. Oregon planting was delayed for several weeks by frequent wet weather. However, most growers were able to catch up when the rain subsided. The Wisconsin crop is developing slowly due to cool weather from the end of May through early June.

**Sweet Corn:** Processors contracted 443,800 acres for harvest in 2003, virtually unchanged from last year. Canning acreage, at 226,700 acres, is up 3 percent from 2002. Area contracted for freezing, at 217,100 acres, is down 3 percent from last year. Idaho's growing conditions have been good with improved irrigation water supplies following rains in late May. Minnesota planting progressed steadily with few rain delays. Most planting was complete by mid-June under good weather and field conditions. In New York, cool and wet weather conditions delayed planting of other vegetables leading some growers to switch to sweet corn which has later planting dates. Oregon's crop is several weeks behind schedule due to very wet weather during planting. Pennsylvania growers report slow growth due to cold, wet weather since planting. Washington's crop is reported in good condition. In Wisconsin, planting and development has been slowed by cool temperatures. Planting began in late-April and continued through mid-June. Warmer weather the last half of June has helped improve growth.

**Cucumbers for Pickles:** Pickle processors contracted 101,800 acres for harvest in 2003, up 32 percent from last year for comparable States. Indiana growers began planting the last week of April, but excessive rain during May and June have made it difficult to finish. Weather improved toward the end of June which has helped growth and development. North Carolina planting began a week later than normal under wet conditions. Planting was complete by the third week of June. In Ohio, wet and unseasonably cool weather during May and much of June slowed planting. Only 49 percent of the crop was planted by June 22 compared to 89 percent last year. Growers expect better conditions by the end of June. South Carolina's crop was late getting planted due to wet weather, however, the cucumbers have recovered and overall condition is good. The Texas cucumber crop is running behind schedule due to the April 1 freeze which caused some growers to replant their entire crop. Recent weather has been favorable and a good crop is expected.

**Green Peas:** Contracted production is forecast at 411,820 tons, up 19 percent from last year. Area for harvest, at 231,100 acres, is up 9 percent from 2002. The expected yield, at 1.78 tons per acre, is 0.14 tons more than a year ago. Area contracted for planting, at 241,750 acres, is up 6 percent from 2002. Area contracted for canning, at 107,700 acres, is up 10 percent from last year. Area contracted for freezing, at 134,050 acres, is up 3 percent from 2002. Idaho's pea crop is developing well under mild temperatures. Water supplies are better than earlier anticipated. The Illinois crop has benefitted from cool temperatures and adequate moisture. Harvest began in mid-June. Minnesota growers are reporting a good crop. However, mid to late-June weather was rainy which could delay harvest of the remaining acreage. In New York, the cool and wet conditions that have been causing problems for other vegetables are good for pea development. Spring in Oregon was very wet which delayed planting. In Washington, planting was completed by the beginning of June. The crop is reported in good condition for most of the State. However, some frost damage was reported in the Central Basin. Wisconsin peas began blooming in late May. The crop is progressing well and harvest will begin soon in the southern part of the State.

**Tomatoes:** Contracted production is forecast at 11.1 million tons, down 3 percent from last year's comparable States. Area contracted, at 299,600 acres, is down 4 percent from 2002 for comparable States. California's harvest will be delayed because of early planting delays from cool, wet conditions. Stands are reported in excellent condition and harvest is expected to begin by the middle of June. Indiana crop development is behind normal due to very wet and cold conditions during planting. Recent weather has been more favorable. Michigan also had a cold, wet spring which delayed planting and slowed development. Some growers transplanted tomatoes under tunnels. By the fourth week of June, many of the plants were outgrowing the tunnels and at first fruit set. Ohio growers report that most acreage was planted by the last week of June. No problems have been reported.

The next "Vegetables" report will be released at 3 p.m. ET on September 5, 2003.

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