



# CITRUS

## JULY FORECAST FORECAST COMPONENTS



July 11, 2003

Citrus production, July 1, 2003  
forecasts by varieties and States, with comparisons

| Crop and State | Production |         | Forecast     |              |
|----------------|------------|---------|--------------|--------------|
|                | 2000-01    | 2001-02 | Jun 11, 2003 | Jul 11, 2003 |

--- 1,000 boxes ---

### Early, Midseason, and Navel Oranges:

|                       |                |                |                |                |
|-----------------------|----------------|----------------|----------------|----------------|
| <b>FLORIDA</b>        | <b>128,000</b> | <b>128,000</b> | <b>112,000</b> | <b>112,000</b> |
| California            | 35,500         | 34,000         | 40,000         | 40,000         |
| Texas                 | 2,000          | 1,530          | 1,400          | 1,350          |
| Arizona               | 480            | 270            | 200            | 200            |
| Total Above Varieties | 165,980        | 163,800        | 153,600        | 153,550        |

### Valencias:

|                 |               |                |               |               |
|-----------------|---------------|----------------|---------------|---------------|
| <b>FLORIDA</b>  | <b>95,300</b> | <b>102,000</b> | <b>89,000</b> | <b>90,700</b> |
| California      | 19,000        | 20,500         | 22,000        | 21,000        |
| Texas           | 235           | 210            | 180           | 220           |
| Arizona         | 420           | 250            | 200           | 250           |
| Total Valencias | 114,955       | 122,960        | 111,380       | 112,170       |

### All Oranges:

|                   |                |                |                |                |
|-------------------|----------------|----------------|----------------|----------------|
| <b>FLORIDA</b>    | <b>223,300</b> | <b>230,000</b> | <b>201,000</b> | <b>202,700</b> |
| California        | 54,500         | 54,500         | 62,000         | 61,000         |
| Texas             | 2,235          | 1,740          | 1,580          | 1,570          |
| Arizona           | 900            | 520            | 400            | 450            |
| Total All Oranges | 280,935        | 286,760        | 264,980        | 265,720        |

### Grapefruit:

|                              |               |               |               |               |
|------------------------------|---------------|---------------|---------------|---------------|
| <b>FLORIDA-All</b>           | <b>46,000</b> | <b>46,700</b> | <b>38,700</b> | <b>38,700</b> |
| <b>White</b> <sup>1/</sup>   | <b>18,700</b> | <b>18,900</b> | <b>16,200</b> | <b>16,200</b> |
| <b>Colored</b> <sup>2/</sup> | <b>27,300</b> | <b>27,800</b> | <b>22,500</b> | <b>22,500</b> |
| Texas                        | 7,200         | 5,900         | 5,500         | 5,650         |
| Arizona                      | 250           | 160           | 100           | 100           |
| California                   | 6,300         | 6,000         | 5,600         | 5,600         |
| Total Grapefruit             | 59,750        | 58,760        | 49,900        | 50,050        |

### Lemons:

|              |        |        |        |        |
|--------------|--------|--------|--------|--------|
| California   | 22,600 | 19,000 | 23,000 | 24,000 |
| Arizona      | 3,600  | 2,800  | 2,900  | 3,000  |
| Total Lemons | 26,200 | 21,800 | 25,900 | 27,000 |

|                          |              |              |               |               |
|--------------------------|--------------|--------------|---------------|---------------|
| <b>Limes: Florida</b>    | <b>250</b>   | <b>150</b>   | <sup>3/</sup> | <sup>3/</sup> |
| <b>Temples: Florida</b>  | <b>1,250</b> | <b>1,550</b> | <b>1,300</b>  | <b>1,300</b>  |
| <b>Tangelos: Florida</b> | <b>2,100</b> | <b>2,150</b> | <b>2,350</b>  | <b>2,350</b>  |
| <b>K-Early: Florida</b>  | <b>40</b>    | <b>30</b>    | <sup>3/</sup> | <sup>3/</sup> |

### Tangerines:

|                            |              |              |              |              |
|----------------------------|--------------|--------------|--------------|--------------|
| <b>FLORIDA-All</b>         | <b>5,600</b> | <b>6,600</b> | <b>5,500</b> | <b>5,500</b> |
| <b>Early</b> <sup>4/</sup> | <b>3,550</b> | <b>4,350</b> | <b>3,000</b> | <b>3,000</b> |
| <b>Honey</b>               | <b>2,050</b> | <b>2,250</b> | <b>2,500</b> | <b>2,500</b> |
| California <sup>5/</sup>   | 2,200        | 2,200        | 2,500        | 2,500        |
| Arizona <sup>5/</sup>      | 650          | 620          | 400          | 400          |
| Total Tangerines           | 8,450        | 9,420        | 8,400        | 8,400        |

<sup>1/</sup> Includes seedy.

<sup>2/</sup> Excludes two million boxes of economic abandonment.

<sup>3/</sup> No forecast.

<sup>4/</sup> 2000-01 through 2001-02 - Robinson, Fallglo, Sunburst, and Dancy; 2002-03 forecast - Fallglo and Sunburst only.

<sup>5/</sup> Includes tangelos.

The first forecast of the 2003-2004 season will be released at 8:30 A.M. on October 10, 2003

### ORANGES NOW 202.7 MILLION BOXES

All Florida oranges are now forecast at 202.7 million boxes in the final report of the season released today by the USDA Agricultural Statistics Board. This is three percent more than forecast initially in October but 12 percent less than the previous season's 230.0 million boxes harvested.

Early-midseason-Navels are final at 112.0 million boxes, 13 percent less than last season, and Valencias--now forecast at 90.7 million boxes--are 11 percent less. Harvest is virtually complete with minimal amounts of fruit still being packed for fresh use and several fresh squeeze plants still operating on a limited basis.

Page 2 of this release shows components used to forecast this season's crops with comparisons.

### ALL GRAPEFRUIT FINAL AT 38.7 MILLION BOXES

Grapefruit harvest is complete with only fresh squeeze plants remaining open on a limited basis. At 38.7 million boxes, this is the smallest harvest since the freeze affected 1989-90 season when 35.7 million were utilized. The white portion, at 16.2 million boxes is 14 percent less than harvested last season and colored at 22.5 million boxes is 19 percent less.

Harvest this season is estimated to be the most complete in several years. Only a limited number of small blocks remain and if there is any estimate of economic abandonment, it will be referenced in footnotes at the conclusion of the season.

### SPECIALTY TYPES COMPLETE

Temple harvest is over with utilization at 1.3 million boxes, down 16 percent from last season. Tangelo utilization at 2.35 million boxes is up for the second consecutive season. Tangerine harvest is complete at 5.5 million boxes, 17 percent less than last season. The early category (**Fallglo** and **Sunburst**) total of 3.0 million boxes is the lowest since 1995-96. The forecast of the **Honey** portion is 2.5 million boxes, up 11 percent from last season.

### FCOJ NOW 1.54 GALLONS PER BOX

The all orange FCOJ yield is final at 1.54 gallons as reported by the Florida Citrus Processors Association on report number 39. This is an increase from the 1.52 gallons projected last month because of adjustments reported by the association. The adjustments are in the Valencia portion which is reported final at 1.61 gallons, up from the 1.56 gallons projected in last month's report.

This is the lowest yield for all oranges since the 1995-96 season yield of 1.52 gallons per box. Valencia yield is the lowest since the 1.58 gallons recorded in the 1994-95 season. The early-midseason portion is final at 1.49 gallons.

**FORECAST COMPONENTS OF PRODUCTION FROM OBJECTIVE SURVEYS**

The table shows the production components used for the 2002-03 forecast season. Bearing trees are estimated at the beginning of each forecast season using the most recent Commercial Citrus Inventory with an allowance for expected attrition. Revisions are made to the historic series where applicable.

Fruit per tree is the weighted average obtained from the annual Limb Count Survey. This survey is conducted during a two-month period beginning in late July. Survey averages for each tree age group within an area are weighted by the estimated number of bearing trees for each age group.

Fruit size measurements and drop observations are obtained from monthly size and drop surveys. The average drop percentages are from the "cut-off" month survey which varies by variety according to the usual harvest period. Average fruit sizes were also obtained from the same survey period but have been converted in the table to estimated number of fruit needed to fill a box.

These four factors are the primary components used in the initial October forecast and in following months up to the "cut-off" for each fruit type. The first two have the greatest influence on the forecast.

**Direct Expansion =**

$$\frac{\text{Bearing Trees} \times \text{Fruit per Tree} \times \text{Percent Remaining at Harvest}}{\text{Pieces of Fruit per Box}}$$

| Fruit type and crop year               | Number bearing trees (millions) | Sample survey averages |                            |                             |
|--|---------------------------------|------------------------|----------------------------|-----------------------------|
|  |                                 | Fruit per tree         | Percent drop <sup>1/</sup> | Fruit per box <sup>1/</sup> |
| <b>EARLY-MID ORANGES <sup>2/</sup></b> |                                 |                        |                            |                             |
| 1998-99                                | 37.135                          | 909                    | 12                         | 249                         |
| 1999-00                                | 35.982                          | 1,036                  | 8                          | 236                         |
| 2000-01                                | 35.694                          | 1,125                  | 6                          | 269                         |
| 2001-02                                | 34.177                          | 1,148                  | 9                          | 259                         |
| 2002-03                                | 34.042                          | 950                    | 13                         | 225                         |
| <b>NAVEL ORANGES</b>                   |                                 |                        |                            |                             |
| 1998-99                                | 2.989                           | 290                    | 15                         | 140                         |
| 1999-00                                | 2.853                           | 348                    | 15                         | 131                         |
| 2000-01                                | 2.752                           | 384                    | 12                         | 137                         |
| 2001-02                                | 2.439                           | 464                    | 11                         | 136                         |
| 2002-03                                | 2.313                           | 454                    | 12                         | 133                         |
| <b>VALENCIA ORANGES</b>                |                                 |                        |                            |                             |
| 1998-99                                | 39.484                          | 530                    | 20                         | 214                         |
| 1999-00                                | 39.883                          | 598                    | 11                         | 205                         |
| 2000-01                                | 41.119                          | 625                    | 12                         | 213                         |
| 2001-02                                | 40.978                          | 640                    | 13                         | 211                         |
| 2002-03                                | 41.682                          | 524                    | 20                         | 181                         |
| <b>WHITE SEEDLESS GRAPEFRUIT</b>       |                                 |                        |                            |                             |
| 1998-99                                | 4.397                           | 405                    | 10                         | 89                          |
| 1999-00                                | 4.337                           | <sup>3/</sup> 479      | <sup>3/</sup> 10           | 89                          |
| 2000-01                                | 4.090                           | 481                    | 8                          | 93                          |
| 2001-02                                | 3.970                           | 530                    | 10                         | 96                          |
| 2002-03                                | 3.784                           | 398                    | 9                          | 79                          |
| <b>COLORED SEEDLESS GRAPEFRUIT</b>     |                                 |                        |                            |                             |
| 1998-99                                | 7.802                           | 437                    | 12                         | 98                          |
| 1999-00                                | 7.654                           | <sup>3/</sup> 431      | <sup>3/</sup> 13           | 95                          |
| 2000-01                                | 7.374                           | 476                    | 8                          | 101                         |
| 2001-02                                | 6.728                           | 522                    | 11                         | 105                         |
| 2002-03                                | 6.352                           | 387                    | 12                         | 87                          |

<sup>1/</sup> Averages at cut-off month--January 1 for Early-mids, December 1 for Navels, April 1 for Valencias, and February 1 for grapefruit. <sup>2/</sup> Excludes Navels. <sup>3/</sup> Hurricane survey adjustments.