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April 9, 2010

## All Oranges Increased to 131.6 Million Boxes

The Florida all orange forecast released today by the USDA Agricultural Statistics Board is increased by 600,000 boxes to 131.6 million boxes. The increase is in the non-Valencia portion (early, midseason, Navel, and Temple varieties), which is now at 68.6 million boxes. The Valencia portion of the forecast remains at 63.0 million boxes. If realized, this forecast would be nearly 19 percent less than last season's production of 162.4 million

| Forecast Dates - 2009-2010 Season |
| :---: | :---: |
| May 11, $2010 \quad$ June 10, 2010 |
| July 9, 2010 | boxes. Many citrus producing areas in Florida experienced lower than normal temperatures with above average precipitation during March.

## Non-Valencia Oranges Increased to 68.6 Million Boxes

The forecast of non-Valencia oranges is increased by 600,000 boxes due to increased utilization. The Navel portion of the crop remains at 2.3 million boxes. Weekly harvest declined rapidly the last week of March indicating harvest is near completion. If realized, this would be 19 percent less than harvested last season.

## Valencia Oranges Remain at 63.0 Million Boxes

The forecast of Valencia oranges remains at 63.0 million boxes. The monthly row count survey shows harvest at 14 percent, with weekly certifications for the final week of March totaling over 3.0 million boxes. Objective survey measurements show average fruit size to be near the minimum of recent seasons used in the regressions while droppage continues at an average rate.

## FCOJ Yield 1.56 Gallons per Box

The projection for frozen concentrated orange juice (FCOJ) is increased to 1.56 gallons per box of $42^{\circ}$ Brix concentrate for all oranges, up from 1.53 gallons per box in March. The late (Valencia) projection is 1.65 gallons per box, up from 1.58 gallons per box last month. The early-midseason component is final at 1.511083 gallons per box, as reported by the Florida Department of Citrus. In 2008-2009, the earlymidseason yield was a record 1.597195 gallons per box. The all orange and late yield records were set in 2007-2008 at 1.672737 and 1.790343 gallons per box, respectively.

Orange Production by Type and State — United States: 2006-2007, 2007-2008, 2008-2009, Forecasted March 1, 2010 and April 1, 2010

| Crop and State | Production |  |  | 2009-2010 Forecast |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2006-2007 | 2007-2008 | 2008-2009 | March | April |
|  | (1,000 boxes) | (1,000 boxes) | (1,000 boxes) | (1,000 boxes) | (1,000 boxes) |
| NON-VALENCIA ORANGES ${ }^{1}$ |  |  |  |  |  |
| Florida | 65,600 | 83,500 | 84,600 | 68,000 | 68,600 |
| California ................................ | 34,500 | 45,000 | 34,500 | 40,000 | 42,000 |
| Texas | 1,600 | 1,600 | 1,300 | 1,310 | 1,350 |
|  | 200 | 230 | 150 |  |  |
| United States........................... | 101,900 | 130,330 | 120,550 | 109,310 | 111,950 |
| VALENCIA ORANGES |  |  |  |  |  |
| Florida ................................... | 63,400 | 86,700 | * 77,900 | 63,000 | 63,000 |
| California ................................ | 11,500 | 17,000 | * 12,000 | 15,000 | 17,000 |
| Texas .................................... | 380 | 196 | 159 | 277 | 250 |
|  | 100 | 150 | 100 |  |  |
| United States........................... | 75,380 | 104,046 | * 90,159 | 78,277 | 80,250 |
| ALL ORANGES |  |  |  |  |  |
| Florida | 129,000 | 170,200 | *162,500 | 131,000 | 131,600 |
| California ................................ | 46,000 | 62,000 | * 46,500 | 55,000 | 59,000 |
| Texas .................................... | 1,980 | 1,796 | 1,549 | 1,587 | 1,600 |
|  | 300 | 380 | 250 |  |  |
| United States........................... | 177,280 | 234,376 | * 210,709 | 187,587 | 192,200 |

[^0]
## Grapefruit Increased to $\mathbf{1 9 . 0}$ Million Boxes

The forecast of all grapefruit is raised 200,000 boxes to 19.0 million boxes due to increased utilization of white grapefruit. The forecast consists of 5.5 million boxes of white and 13.5 million boxes of colored grapefruit. The Row Count survey indicated 73 percent of the white grapefruit and 90 percent of the colored varieties are harvested. Estimated utilization is nearly 17.5 million boxes through
March 31, 2010.

## All Tangerines Increased to 4.1 Million Boxes

The all tangerine forecast increased 100,000 boxes to 4.1 million boxes due to increased utilization of the Honey variety. The early tangerine forecast had no change with the harvest now complete. The tangerine forecast now consists of 2.3 million boxes of early tangerines ( 1.7 million boxes of Sunburst and 600,000 boxes of Fallglo) and 1.8 million boxes of the Honey tangerines. Survey indications show that 89 percent of the later maturing Honey tangerines are harvested.

## Tangelos Remain at 900,000 Boxes

The forecast of tangelos remains at 900,000 boxes. The Row Count Survey indicates that 99 percent of the tangelos are harvested. Estimated utilization is approximately 900,000 boxes with the harvest nearly complete. If attained, this harvest would be the lowest production since the 1963-1964 season.

Forecast Components, by Variety — Florida: April 2010
[Survey data is considered final in December for Navels, January for early-midseason oranges, February for grapefruit, and April for Valencias]

| Orange Type | Bearing trees | Fruit per tree | Droppage | Fruit per box | Grapefruit Type | Bearing trees | Fruit per tree | Droppage | Fruit per box |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $(1,000)$ | (number) | (percent) | (number) |  | $(1,000)$ | (number) | (percent) | (number) |
| Early-midseason... | 24,575 | 862 | 8 | 246 | White ${ }^{1}$. | 1,462 | 430 | 12 | 96 |
| Navel.................. | 1,151 | 365 | 10 | 138 | Colored.... | 3,794 | 410 | 10 | 109 |
| Valencia .............. | 33,685 | 478 | 14 | 218 |  |  |  |  |  |

${ }^{1}$ Seedless variety only.
Citrus Production by Type and State — United States: 2006-2007, 2007-2008, 2008-2009, and Forecasted March 1, 2010 and April 1, 2010

| Crop and State | Production |  |  | 2009-2010 Forecast |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2006-2007 | 2007-2008 | 2008-2009 | March | April |
|  | (1,000 boxes) | (1,000 boxes) | (1,000 boxes) | (1,000 boxes) | (1,000 boxes) |
| GRAPEFRUIT |  |  |  |  |  |
| Florida-All .............. | 27,200 | 26,600 | 21,700 | 18,800 | 19,000 |
| White. | 9,300 | 9,000 | 6,600 | 5,300 | 5,500 |
| Colored | 17,900 | 17,600 | 15,100 | 13,500 | 13,500 |
| California | 5,500 | 5,200 | * 4,800 | 4,200 | 4,200 |
| Texas | 7,100 | 6,000 | 5,500 | 5,490 | 5,500 |
| Arizona ${ }^{1}$. | 100 | 100 | 25 |  |  |
| United States........ | 39,900 | 37,900 | * 32,025 | 28,490 | 28,700 |
| LEMONS |  |  |  |  |  |
| California ..... | 18,500 | 14,800 | * 21,000 | 20,000 | 20,000 |
| Arizona | 2,500 | 1,500 | 3,000 | 2,500 | 2,500 |
| United States.. | 21,000 | 16,300 | * 24,000 | 22,500 | 22,500 |
| TANGELOS |  |  |  |  |  |
| Florida | 1,250 | 1,500 | 1,150 | 900 | 900 |
| TANGERINES |  |  |  |  |  |
| Florida-All ... | 4,600 | 5,500 | 3,850 | 4,000 | 4,100 |
| Early ${ }^{2}$ | 2,400 | 2,600 | 2,550 | 2,300 | 2,300 |
| Honey | 2,200 | 2,900 | 1,300 | 1,700 | 1,800 |
| California ${ }^{3}$ | 3,500 | 6,700 | 6,700 | 8,200 | 9,100 |
| Arizona ${ }^{3}$... | 300 | 400 | 250 | 350 | 450 |
| United States. | 8,400 | 12,600 | 10,800 | 12,550 | 13,650 |

[^1]
## Maturity — Florida: April 1, 2010

Valencia orange samples were collected on established routes throughout the citrus producing region on March 29-30, 2010, and tested at the laboratory of the USDA, National Agricultural Statistics Service (NASS), Florida Field Office. Acid levels continue to drop, while total soluble solids, ratios, and solids per box have increased throughout the harvest period. For the third consecutive month, the quantity of unfinished juice per box has decreased.

Citrus Unadjusted Maturity Tests — Florida: 2008-2009 and 2009-2010
[Averages of regular bloom fruit from sample groves. Juice and solids per box are unadjusted and not comparable to juice processing plant test results. All samples were run through an FMC 091 machine using mechanical pressure only. This machine utilizes a .040 short strainer and standard $5 / 8$ inch orifice tube. The beam settings are also identical to past tests and no restrictors are used.]

| Fruit type (number of groves) test date | Acid |  | Solids (Brix) |  | Ratio |  | Unfinished juice per box |  | Solids per box |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008-2009 | 2009-2010 | 2008-2009 | 2009-2010 | 2008-2009 | 2009-2010 | 2008-2009 | 2009-2010 | 2008-2009 | 2009-2010 |
|  | (percent) | (percent) | (percent) | (percent) |  |  | (pounds) | (pounds) | (pounds) | (pounds) |
| ORANGES |  |  |  |  |  |  |  |  |  |  |
| Late (124-134) |  |  |  |  |  |  |  |  |  |  |
| Oct $1 . .$. | 2.49 | 2.42 | 8.87 | 8.88 | 3.61 | 3.72 | 47.41 | 43.62 | 4.21 | 3.87 |
| Nov $1 . . . . . . . . . . . . . . . . . ~$ | 1.89 | 1.88 | 9.32 | 9.33 | 5.01 | 5.03 | 51.76 | 48.14 | 4.82 | 4.49 |
| Dec $1 . . . . . . . . . . . . . . . . . ~$ | 1.63 | 1.52 | 10.19 | 10.23 | 6.33 | 6.83 | 54.07 | 50.91 | 5.51 | 5.20 |
| Jan 1..... | 1.39 | 1.30 | 11.13 | 10.89 | 8.11 | 8.48 | 55.74 | 53.03 | 6.20 | 5.78 |
| Feb 1. | 1.35 | 1.24 | 11.78 | 11.67 | 8.84 | 9.52 | 55.37 | 52.22 | 6.52 | 6.09 |
| Feb 15. | 1.30 | 1.15 | 12.08 | 12.09 | 9.36 | 10.68 | 56.57 | 52.13 | 6.83 | 6.31 |
| Mar $1 . . . . . .$. | 1.24 | 1.12 | 12.60 | 12.26 | 10.28 | 11.14 | 55.09 | 51.59 | 6.94 | 6.33 |
| Apr 1...... | 1.10 | 1.01 | 12.83 | 12.77 | 11.73 | 12.85 | 54.12 | 51.37 | 6.94 | 6.56 |

Citrus Fruit Maturity Test Averages, by Areas — Florida: April 1, 2010

| Fruit type | Groves <br> sampled | Acid | Solids (Brix) | Ratio | Unfinished <br> juice per box | Solids per box |
| :--- | :--- | ---: | :---: | ---: | ---: | ---: |
|  | (number) | (percent) | (percent) |  |  | (pounds) |

## Fruit Size Frequency Measurements, Fruit Size Comparisons by Types to Previous Seasons

Size frequency distributions from the March size survey are shown in the following table. The distributions are by percent of fruit falling within the size range of each $4 / 5$-bushel container. These frequency distributions include fruit from regular bloom and exclude fruit from summer bloom. The chart below shows the distribution of fruit sizes in 2010 compared to 2009. The diameter measurements shown are the minimum values of each $1 / 8$-inch range, except for the smallest values.

Citrus Size Frequency Measurement Distributions, Valencia - Florida: March

| Type and number of fruit per 4/5-bushel containers | 2008 | 2009 | 2010 |
| :---: | :---: | :---: | :---: |
|  | (percent) | (percent) | (percent) |
| VALENCIA ORANGES |  |  |  |
| 64 or less....... | 6.2 | 3.9 | 5.7 |
| 80 | 20.7 | 21.5 | 22.9 |
| 100 | 36.8 | 41.7 | 38.4 |
| 125 | 25.0 | 24.1 | 22.4 |
| 163 or more.............................. | 11.3 | 8.8 | 10.6 |

Fruit Size Frequency Measurements, Valencia Oranges, by Diameter - Florida: March
Diameter
(Inches)



[^0]:    * Revised.
    ${ }_{2}^{1}$ Early, midseason, Navel, and Temple varieties.
    ${ }^{2}$ Estimates discontinued beginning with the 2009-2010 crop years.

[^1]:    * Revised
    ${ }^{1}$ Estimates discontinued beginning with the 2009-2010 crop year.
    ${ }_{3}^{2}$ Fallglo and Sunburst varieties.
    ${ }^{3}$ Includes tangelos and tangors.

