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April 9, 2008

## ALL ORANGES NOW 168.5 MILLION BOXES

The Florida all orange forecast released today by the USDA Agricultural Statistics Board is increased 1.5 million boxes to 168.5 million boxes. The increase is in the early-midseason-Navel portion (including Temples) which is now 83.5 million boxes. The Valencia portion remains forecast at 85.0 million boxes. If attained, this forecast will be 31 percent more than harvested in the 2006-07 season. In the past 10 seasons not affected by hurricanes, the April forecast has differed from final production by an average of 1.5 percent. Five of the seasons were above and five below the final production. All orange varieties experienced a heavy bloom from mid to late March and trees are reported in excellent condition.

## EARLY-MIDSEASON-NAVELS NOW 83.5 MILLION BOXES

The early-midseason-Navel category (including Temples) is final at 83.5 million boxes. The Navel portion is final at 3.0 million boxes. This total category is almost 18 million boxes, or 27 percent, more than the 65.6 million boxes produced in the 2006-07 season. Weekly harvest has declined sharply indicating harvest is near completion. The final estimate of production includes 1.0 million boxes of gift fruit and non-certified

Citrus Production: April 1, 2008
Forecasts by varieties and states, with comparisons

| Crop and State | Production |  | Forecast |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2005-06 | 2006-07 | Mar 11, 2008 | Apr 9, 2008 |
|  | -- 1,000 boxes -- |  |  |  |
| Early, Midseason, and Navel Oranges: |  |  |  |  |
| FLORIDA ${ }^{1 /}$ | 75,000 | 65,600 | 82,000 | 83,500 |
| California | 47,000 | 34,500 | 48,000 | 49,500 |
| Texas | 1,400 | 1,600 | 1,400 | 1,400 |
| Arizona | 250 | 200 | 250 | 250 |
| Total Above Varieties | 123,650 | 101,900 | 131,650 | 134,650 |
| Valencias: |  |  |  |  |
| FLORIDA | 72,700 | 63,400 | 85,000 | 85,000 |
| California | 14,000 | 11,500 | 16,000 | 16,000 |
| Texas | 200 | 380 | 385 | 388 |
| Arizona | 200 | 100 | 100 | 100 |
| Total Valencias | 87,100 | 75,380 | 101,485 | 101,488 |
| All Oranges: |  |  |  |  |
| FLORIDA | 147,700 | 129,000 | 167,000 | 168,500 |
| California | 61,000 | 46,000 | 64,000 | 65,500 |
| Texas | 1,600 | 1,980 | 1,785 | 1,788 |
| Arizona | 450 | 300 | 350 | 350 |
| Total All Oranges | 210,750 | 177,280 | 233,135 | 236,138 |


| FORECAST DATES - 2007-08 SEASON |  |  |
| :---: | :---: | :---: |
| May 9, 2008 |  | June 10, 2008 |
| July 11, 2008 |  |  |

production, consisting of 500,000 boxes each of Navels and other early-midseasons (withTemples).

## VALENCIAS REMAIN 85.0 MILLION BOXES

The forecast of the late type (Valencia) category remains 85.0 million boxes. Objective count measurements of fruit size and droppage since August are complete. The droppage rate, at 15 percent, is slightly above the average for the previous eight nonhurricane seasons and above the 13 percent initially projected in October. Fruit size, at 221 fruit per box, is slightly smaller than projected in October and the smallest average size in any non-hurricane impacted season since 1992-93.

The monthly Row Count survey conducted March 26-27 indicated only 12 percent of the Valencia rows harvested. Harvest has increased rapidly to over 6.0 million boxes in the last reported week.

Components Used in the April Forecast ${ }^{1 /}$

| Type | Bearing <br> trees | Fruit <br> per <br> tree | Percent <br> droppage | Fruit <br> per <br> box |  |
| :--- | :---: | ---: | ---: | :---: | :---: |
|  | $(1,000)$ |  |  |  |  |
| ORANGEs: |  |  |  |  |  |
| Early-mid | 24,473 | 1,052 | 8 | 264 |  |
| Navel | 1,284 | 440 | 10 | 138 |  |
| Valencia | 33,835 | 679 | 15 | 221 |  |

${ }^{1 /}$ Survey data is considered final in December for Navels, January for early-midseason oranges, and April for Valencias.

## FCOJ YIELD 1.63 GALLONS PER BOX

The all orange projection of yield for FCOJ is continued at 1.63 gallons per box. Last season's final yield was 1.65 gallons per box. The early-midseason portion is final at 1.553351 gallons as indicated on revised report number 24 from the Florida Department of Citrus. This is very close to the 2006-07 final of 1.555467 gallons per box. The projection of the Valencia portion remains at 1.73 gallons per box. Last season's final yield was 1.77 gallons per box.

## GRAPEFRUIT 24.5 MILLION BOXES

The forecast of all Florida grapefruit is maintained at 24.5 million boxes including a total of 700,000 boxes for non-certified gift fruit and local sales. The components are unchanged with white grapefruit forecast at 7.5 million boxes and the colored varieties at 17.0 million boxes. If realized, this forecast will be 10 percent less than last season's utilization and 40 percent less than 2003-04, the last season prior to the two affected by hurricanes. An estimated total of 20.0 million boxes have been utilized to April 1.

The comparison of current utilization to results of the Row Count (route survey) conducted March 26-27 is the primary consideration used in setting the forecast this month. Nearly $3 / 4$ of the rows visited in the survey have been harvested. Highest harvest percentages were noted in the Southern and Western areas but together they only represent five percent of the total. Over 85 percent of the survey rows are located in the Indian River District where 73 percent have been harvested.

At 7.5 million boxes, the white grapefruit forecast is 19 percent less than the utilization last season and less than half of the total 15.9 million box harvest of 2003-04 prior to the hurricane seasons. Almost 69 percent of the white grapefruit had been harvested prior to the route survey. Estimated utilization to the first of the month has surpassed 6.0 million boxes.

Citrus Production: April 1, 2008
forecasts by varieties and States, with comparisons

| Crop and State | Production |  | Forecast |  |
| :--- | ---: | ---: | ---: | ---: |
|  | $2005-06$ | $2006-07$ | Mar 11, 2008 | Apr 9, 2008 |
|  | $---\mathbf{1 , 0 0 0}$ boxes --- |  |  |  |
| Graperruit: |  |  |  |  |
| Florida-All | $\mathbf{1 9 , 3 0 0}$ | $\mathbf{2 7 , 2 0 0}$ | $\mathbf{2 4 , 5 0 0}$ | $\mathbf{2 4 , 5 0 0}$ |
| White | $\mathbf{6 , 5 0 0}$ | $\mathbf{9 , 3 0 0}$ | $\mathbf{7 , 5 0 0}$ | $\mathbf{7 , 5 0 0}$ |
| Colored | $\mathbf{1 2 , 8 0 0}$ | $\mathbf{1 7 , 9 0 0}$ | $\mathbf{1 7 , 0 0 0}$ | $\mathbf{1 7 , 0 0 0}$ |
| California | 6,000 | 5,500 | 5,000 | 5,000 |
| Texas | 5,200 | 7,100 | 6,600 | 6,400 |
| Arizona | 100 | 100 | 150 | 150 |
| Total Grapefruit | 30,600 | 39,900 | 36,250 | 36,050 |


| Lemons: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| California | 22,000 | 18,500 | 17,000 | 17,000 |
| Arizona | 3,800 | 2,500 | 1,500 | 1,500 |
| Total Lemons | 25,800 | 21,000 | 18,500 | 18,500 |
| TempLes: | 700 | 1/ | 1/ | 1/ |
| Tangelos: Florida | 1,400 | 1,250 | 1,500 | 1,500 |
| Tangerines: |  |  |  |  |
| Florida-All | 5,500 | 4,600 | 4,800 | 4,800 |
| Early ${ }^{2 /}$ | 2,850 | 2,400 | 2,600 | 2,600 |
| Honey | 2,650 | 2,200 | 2,200 | 2,200 |
| California ${ }^{3 /}$ | 3,600 | 3,500 | 5,100 | 5,100 |
| Arizona ${ }^{3 /}$ | 550 | 300 | 400 | 400 |
| Total Tangerines | 9,650 | 8,400 | 10,300 | 10,300 |

[^0]Components Used in the April Forecast ${ }^{1 /}$

| Type | Bearing <br> trees | Fruit <br> per <br> tree | Percent <br> droppage | Fruit <br> per <br> box |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| GraperruIt: <br> White |  |  |  |  |  |
| Colored | $1,000)$ |  |  |  |  |
| Con | 4,155 | 557 | 18 | 99 |  |

${ }^{1 /}$ January data is considered final.
${ }^{2 /}$ Seedless variety only.

Colored grapefruit harvest is running ahead of white with 77 percent of the rows already picked. An estimated 14.0 million boxes have been utilized this season to April 1. The forecast of 17.0 million boxes is five percent below last season's production and slightly more than $2 / 3$ of the harvest in 2003-04.

With the timely rainfall of the last several months, trees in well cared for groves are reported in excellent condition. Growers, caretakers, and field personnel report a moderate to heavy bloom on grapefruit.

## ALL TANGERINES 4.8 MILLION BOXES

The forecast of all tangerines is unchanged at 4.8 million boxes. The early tangerines are final at 2.6 million boxes and the honey tangerines remain at 2.2 million boxes.

Harvest of the early varieties (Fallglo and Sunburst) is final at 2.6 million boxes, including an allocation of 200,000 boxes for non-certified use. Fallglo comprised 650,000 boxes of the category, up three percent from 630,000 boxes last season. Sunburst accounted for $3 / 4$ of the total at 1.95 million boxes and is up 10 percent from 1.77 million boxes recorded in 2006-07.

The forecast of the later maturing Honey variety is held at 2.2 million boxes, unchanged since December. Traditionally, March is the heaviest month of fresh shipments. Although fresh numbers are lagging behind last season, the processed usage is estimated to be ahead. Harvest progressed rapidly through March and results of the route survey show 56 percent of the rows visited have been harvested. At this point, Row Count becomes a creditable indicator. The regression value is similar to last season's at this same time, supporting the current forecast.

## TANGELOS 1.5 MILLION BOXES

The tangelo forecast is continued at 1.5 million boxes, including an allocation for non-certified use. During March, weekly utilizations have trickled in with nearly all fruit being processed. This forecast is 20 percent more than last season's harvest and seven percent more than in 2005-06.

## Unadjusted Maturity Tests: Average of regular bloom fruit from sample

 groves, 2006-07 and 2007-08 seasons| Fruit type (No. groves) test date | Acid |  | Solids (Brix) |  | Ratio |  | Unfinished juice per box |  | Solids per box |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2006-07 | 2007-08 | 2006-07 | 2007-08 | 2006-07 | 2007-08 | 2006-07 | 2007-08 | 2006-07 | 2007-08 |
|  | Percent |  | Percent |  |  |  | Pounds |  | Pounds |  |

## Oranges:

| Late (125-139) | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | NA

NOTICE: 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.

Maturity test averages by areas, April 1, 2008

| Fruit type | Groves <br> sampled | Acid | Solids <br> (Brix) | Ratio | Unfinished <br> juice per box | Solids <br> per box |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent | Percent |  | Pounds | Pounds |

Oranges:

| Late |  |  |  |  |  |  |
| :--- | ---: | :--- | :--- | :--- | :--- | :--- |
| Indian River District | 24 | 1.08 | 13.46 | 12.61 | 56.24 | 7.56 |
| Other Areas | 115 | 1.01 | 12.81 | 12.89 | 54.91 | 7.03 |

## FRUIT SIZE COMPARISONS BY TYPES TO PREVIOUS SEASONS

Size frequency distributions developed 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 relate to fruit from regular bloom and exclude summer bloom in all years.

Florida Citrus: Size frequency distributions from March measurements

| Type of fruit and size <br> in 4/5-bushel containers | 2006 | 2007 | 2008 |
| :---: | :---: | :---: | :---: |
|  | - - Percent -- |  |  |

Valencia Oranges:

| 64 and larger | 3.0 | 12.7 | 6.2 |
| :--- | ---: | ---: | ---: |
| 80 | 13.5 | 29.6 | 20.7 |
| 100 | 34.8 | 34.5 | 36.8 |
| 125 | 31.5 | 17.3 | 25.0 |
| 163 and smaller | 17.2 | 5.9 | 11.3 |

The chart to the right describes the relationship of the fruit size measurements with those taken in the previous year. The diameter measurements shown are the minimum values of each eighth inch range, except for the smallest values.

Chart 1: Valencia orange size frequency by diameter from March measurements



[^0]:    ${ }^{1 /}$ Included in early-midseason-Navel oranges.
    ${ }^{2 /}$ Fallglo and Sunburst varieties.
    ${ }^{3 /}$ Includes tangelos and tangors.

