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April 10, 2007

## ALL ORANGES REDUCED TO 130.7 MILLION BOXES

The USDA Agricultural Statistics Board forecast of Florida orange production is lowered by 1.3 million boxes from last month to 130.7 million boxes. The adjustment is in the early-midseason-Navel portion where harvest is relatively over. The forecast of the Valencia portion is maintained at 65.0 million boxes. The difference between the all orange October forecast and the current forecast is 4.3 million boxes, or just more than three percent.

If realized, all orange utilization will be 17 million boxes less than harvested last season. In the past 10 seasons, the April forecast has differed from final production by one and one-half percent, with four seasons higher and six seasons lower.

## EARLY-MIDSEASON-NAVEL ORANGES ADJUSTED TO 65.7 MILLION BOXES

The forecast of early-midseason-Navel oranges is adjusted downward 1.3 million boxes to 65.7 million (including an allocation of one million boxes for other use). The Row Count survey conducted on March 28-29 shows one percent of the rows not harvested. The Navel portion of the forecast is final at 2.85 million boxes.

## VALENCIAS REMAIN 65.0 MILLION BOXES

Citrus Production: April 1, 2007
Forecasts by varieties and states, with comparisons

| Crop and State | Production |  | Forecast |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $2004-05$ | $2005-06$ | Mar 9, 2007 | Apr 10, 2007 |

-     -         - 1,000 boxes - -


## Early, Midseason, and Navel Oranges:

| FLORIDA $^{1 /}$ | $\mathbf{7 9 , 1 0 0}$ | $\mathbf{7 5 , 0 0 0}$ | $\mathbf{6 7 , 0 0 0}$ | $\mathbf{6 5 , 7 0 0}$ |
| :--- | ---: | ---: | ---: | ---: |
| California | 44,000 | 47,000 | 27,000 | 27,000 |
| Texas | 1,500 | 1,400 | 1,710 | 1,580 |
| Arizona | 240 | 250 | 200 | 200 |
| Total Above Varieties | 124,840 | 123,650 | 95,910 | 94,480 |
| VALENCIAS: |  |  |  |  |
| FLORIDA | 70,700 | 72,700 | 65,000 | 65,000 |
| California | 20,500 | 13,500 | 10,000 | 10,000 |
| Texas | 270 | 200 | 270 | 270 |
| Arizona | 190 | 200 | 150 | 150 |
| Total Valencias | 91,660 | 86,600 | 75,420 | 75,420 |
| ALL ORANGES: |  |  |  |  |
| FLORDA | $\mathbf{1 4 9 , 8 0 0}$ | $\mathbf{1 4 7 , 7 0 0}$ | $\mathbf{1 3 2 , 0 0 0}$ | $\mathbf{1 3 0 , 7 0 0}$ |
| California | 64,500 | 60,500 | 37,000 | 37,000 |
| Texas | 1,770 | 1,600 | 1,980 | 1,850 |
| Arizona | 430 | 450 | 350 | 350 |
| Total All Oranges | 216,500 | 210,250 | 171,330 | 169,900 |

[^0]
## FORECAST DATES - 2006-07 SEASON

May 11, 2007
June 11, 2007
July 12, 2007

The Valencia forecast is maintained at 65.0 million boxes. The final size and drop survey for Valencia oranges was completed during March. Final droppage is slightly above average at 15 percent. While final size is just above the hurricane free 10 year mean, the average size on the unharvested samples in March was the same as the average size from the previous month's samples. Citrus producing areas in Florida have experienced extremely dry weather over the past month which might have contributed to the lack of growth. It is projected that 198 pieces of fruit will fill a 1-3/5 bushel box at harvest.

The Row Count survey conducted on March 28-29 shows 21 percent of Valencia rows harvested. This indicator supports the current forecast when compared to utilization. Estimated utilization to the first of the month is 16.5 million boxes compared to 12.5 million boxes actual utilization the same time last season.

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

| $(1,000)$ |  |  |  |  |
| :--- | ---: | :---: | :---: | :---: |
| Type | Bearing <br> trees | Fruit <br> per <br> tree | Percent <br> droppage | Fruit <br> per <br> box |
| ORANGEs: |  |  |  |  |
| Early-mid | 27,209 | 696 | 8 | 233 |
| Navel | 1,467 | 342 | 10 | 130 |
| Valencia | 37,133 | 428 | 15 | 198 |

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

## FCOJ YIELD 1.65 GALLONS PER BOX

The projection of FCOJ for all oranges is raised from 1.62 to a record 1.65 gallons per box. The early and mid portion is final at a rounded 1.56 gallons. The late season portion is now projected at 1.78 gallons per box, higher than the previous record of 1.75 set last season.

## GRAPEFRUIT CONTINUED AT 28.0 MILLION BOXES

The forecast of all grapefruit for utilization (including an allocation of 700,000 boxes of gift fruit and local sales) remains at 28.0 million boxes. The forecast includes 10.0 million boxes of white and 18.0 million boxes of colored grapefruit. This forecast, if realized, will be 45 percent more than harvested last season.

The comparison of current utilization to results of the Row Count survey is the primary consideration used in setting the April grapefruit forecast. The Row Count survey conducted March 28-29 shows 75 percent of the grapefruit rows harvested. The Central and Western citrus producing areas, at 94 percent each, have a much higher percentage of rows harvested than the rest of the State.

The white grapefruit forecast, at 10.0 million boxes, is 54 percent more than harvested last year. The Row Count survey shows 80 percent of white grapefruit rows harvested. Analysis indicates that the remaining rows will provide sufficient fruit to achieve the forecast. Weekly utilization for the month of March was between six and seven hundred thousand boxes, primarily for processing. Estimated utilization to April 1 is 7.2 million boxes, compared to 5.6 million boxes actual utilization the same time last season.

The colored grapefruit forecast is maintained at 18.0 million boxes. The Row Count survey shows a lower percentage of colored grapefruit

Citrus Production: April 1, 2007 forecasts by varieties and States, with comparisons

| Crop and State | Production |  | Forecast |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $2004-05$ | $2005-06$ | Mar 9, 2007 | Apr 10, 2007 |


| Grapefruit: |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Florida-All | $\mathbf{1 2 , 8 0 0}$ | $\mathbf{1 9 , 3 0 0}$ | $\mathbf{2 8 , 0 0 0}$ | $\mathbf{2 8 , 0 0 0}$ |
| $\quad$ White | $\mathbf{3 , 4 0 0}$ | $\mathbf{6 , 5 0 0}$ | $\mathbf{1 0 , 0 0 0}$ | $\mathbf{1 0 , 0 0 0}$ |
| Colored | $\mathbf{9 , 4 0 0}$ | $\mathbf{1 2 , 8 0 0}$ | $\mathbf{1 8 , 0 0 0}$ | $\mathbf{1 8 , 0 0 0}$ |
| California | 6,100 | 6,000 | 4,800 | 4,800 |
| Texas | 6,600 | 5,200 | 6,500 | 6,500 |
| Arizona | 140 | 100 | 100 | 100 |
| Total Grapefruit | 25,640 | 30,600 | 39,400 | 39,400 |


| Lemons: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| California | 20,500 | 21,000 | 16,500 | 16,500 |
| Arizona | 2,400 | 3,800 | 2,500 | 2,500 |
| Total Lemons | 22,900 | 24,800 | 19,000 | 19,000 |
| TempLES: | 650 | 700 | 1/ | 1/ |
| Tangelos: Florida | 1,550 | 1,400 | 1,250 | 1,250 |
| Tangerines: |  |  |  |  |
| Florida-All | 4,450 | 5,500 | 4,800 | 4,600 |
| Early ${ }^{2 /}$ | 2,450 | 2,850 | 2,400 | 2,400 |
| Honey | 2,000 | 2,650 | 2,400 | 2,200 |
| California ${ }^{3 /}$ | 2,900 | 3,600 | 2,600 | 2,600 |
| Arizona ${ }^{3 /}$ | 400 | 550 | 300 | 300 |
| Total Tangerines | 7,750 | 9,650 | 7,700 | 7,500 |

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

| Type | Bearing <br> trees | Fruit <br> per <br> tree | Percent <br> droppage | Fruit <br> per <br> box |
| :---: | :---: | :---: | :---: | :---: |
| $(1,000)$ |  |  |  |  |
| Graperruit: |  |  |  |  |
| White | 2,067 | 469 | 12 | 84 |
| Colored | 4,243 | 447 | 16 | 91 |

${ }^{1 /}$ January survey data is considered final.
harvested than white. Unlike last season, the majority of colored grapefruit have been harvested for the fresh market. The quality of grapefruit is excellent this year, and the crop has been referred to as a "vintage" crop. Estimated utilization to April 1 is 14.0 million boxes, compared to 11.3 million boxes actual utilization the same time last year.

## TANGERINES NOW 4.6 MILLION BOXES

The forecast of all tangerines is lowered to 4.6 million boxes. Forecast for the early varieties (Fallglo and Sunburst) is unchanged at 2.4 million boxes and the later maturing Honey variety is now at 2.2 million boxes.

The forecast of utilization for early tangerines remains at 2.4 million boxes (including an allocation of 200,000 boxes for other use). Fallglo tangerine harvest is complete at 630,000 boxes and Sunburst tangerine harvest is complete at 1,770,000 boxes. Tangerines are primarily a fresh fruit, and this year 69 percent of the early tangerines were picked for the fresh market.

The Honey tangerine forecast is lowered by 200,000 boxes this month. The Row Count survey conducted on March 28-29 shows harvest to this point is farther along than any of the last ten seasons. Utilization for the month of March was consistently over 100,000 boxes weekly. Comparison between the Row Count survey and utilization led to the decrease in the late variety tangerine forecast.

Estimated utilization to the first of the month is 1.7 million boxes compared to 1.8 million boxes actual utilization the same time last season. Honey tangerines are normally harvested heavily through the month of April and into May.

## TANGELOS 1.25 MILLION BOXES

The tangelo forecast is held this month at 1,250,000 boxes (including an allocation of noncertified use). Tangelo utilization is complete and is 11 percent less than last season's 1.4 million boxes. Tangelos are harvested primarily for the processed market. This season, 66 percent of the fruit was picked for processing.

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

 groves, 2005-06 and 2006-07 seasons| Fruit type (No. groves) test date | Acid |  | Solids (Brix) |  | Ratio |  | Unfinished juice per box |  | Solids per box |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2005-06 | 2006-07 | 2005-06 | 2006-07 | 2005-06 | 2006-07 | 2005-06 | 2006-07 | 2005-06 | 2006-07 |
| Percent |  |  | Percent |  |  |  | Pounds |  | Pounds |  |

Juice and solids per box are unadjusted and not comparable to plant test results.

## Oranges

Late (130-125)

| Sep 1 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Oct 1 | 2.60 | 2.52 | 9.03 | 8.92 | 3.50 | 3.56 | 43.14 | 45.33 | 3.89 | 4.04 |
| Nov 1 | 1.99 | 2.06 | 9.14 | 9.83 | 4.64 | 4.84 | 48.20 | 48.94 | 4.41 | 4.81 |
| Dec 1 | 1.64 | 1.72 | 9.81 | 9.89 | 6.03 | 5.83 | 50.90 | 51.77 | 4.99 | 5.12 |
| Jan 1 | 1.41 | 1.43 | 10.71 | 10.90 | 7.64 | 7.74 | 52.39 | 51.81 | 5.61 | 5.64 |
| Feb 1 | 1.30 | 1.22 | 11.85 | 11.99 | 9.21 | 9.89 | 53.41 | 54.60 | 6.33 | 6.55 |
| Mar 1 | 1.19 | 1.13 | 12.50 | 12.61 | 10.60 | 11.25 | 53.22 | 54.76 | 6.66 | 6.91 |
| Apr 1 | 1.10 | 1.09 | 13.03 | 13.27 | 11.97 | 12.37 | 53.13 | 54.14 | 6.93 | 7.18 |

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, 2007

| Fruit type | Groves <br> sampled | Acid | Solids <br> (Brix) | Ratio | Unfinished <br> juice per box | Solids <br> per box |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Number |  |  |  |  |  |  |
| Oranges: | Percent | Percent | Pounds | Pounds |  |  |
| $\quad$ Late |  |  |  |  |  |  |
| Indian River District | 26 | 1.12 | 13.59 | 12.24 | 54.78 | 7.44 |
| Other Areas | 99 | 1.08 | 13.18 | 12.41 | 53.97 | 7.12 |

## 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 | 2005 | 2006 | 2007 |  |
| :--- | ---: | ---: | ---: | :---: |
|  | - - Percent --- |  |  |  |
| VALENCIA OrANGES: |  |  |  |  |
| 64 and larger | 4.7 | 3.0 | 12.7 |  |
| 80 | 22.6 | 13.5 | 29.6 |  |
| 100 | 43.1 | 34.8 | 34.5 |  |
| 125 | 23.0 | 31.5 | 17.3 |  |
| 163 and smaller | 6.6 | 17.2 | 5.9 |  |

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 value.

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



[^0]:    ${ }^{1 /}$ Includes Temples beginning in 2006-07. Historic Temple production listed on page 2.

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

