



CITRUS MATURITY TEST RESULTS AND FRUIT SIZE

FEBRUARY FORECAST

Cooperating with the Florida Department of Agriculture & Consumer Services
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February 9, 2011

All Orange Production down 1 percent from January
Non-Valencia Orange Production down 1 million boxes
Valencia Orange Production down 1 million boxes
All Grapefruit Production unchanged
All Tangerine Production up 5 Percent
Tangelo Production unchanged
FCOJ Yield decreased to 1.57 gallons per box

FORECAST DATES – 2010-2011 SEASON

| | |
|----------------|---------------|
| March 10, 2011 | June 9, 2011 |
| April 8, 2011 | July 12, 2011 |
| May 11, 2011 | |

Citrus Production by Type and State – United States

| Crop and State | Production | | | 2010-2011 Forecast | |
|--|----------------------------|----------------------------|----------------------------|--------------------------|---------------------------|
| | 2007-2008 (1,000 boxes) | 2008-2009 (1,000 boxes) | 2009-2010 (1,000 boxes) | January (1,000 boxes) | February (1,000 boxes) |
| Non-Valencia Oranges ¹ | | | | | |
| Florida | 83,500 | 84,600 | 68,600 | 67,000 | 66,000 |
| California | 45,000 | 34,500 | 42,500 | 46,500 | 46,500 |
| Texas | 1,600 | 1,300 | 1,360 | 1,360 | 1,360 |
| Arizona ² | 230 | 150 | | | |
| United States..... | 130,330 | 120,550 | 112,460 | 114,860 | 113,860 |
| Valencia Oranges | | | | | |
| Florida | 86,700 | 77,900 | 65,000 | 73,000 | 72,000 |
| California | 17,000 | 12,000 | 14,000 | 14,000 | 14,000 |
| Texas | 196 | 159 | 275 | 280 | 280 |
| Arizona ² | 150 | 100 | | | |
| United States..... | 104,046 | 90,159 | 79,275 | 87,280 | 86,280 |
| All Oranges | | | | | |
| Florida | 170,200 | 162,500 | 133,600 | 140,000 | 138,000 |
| California | 62,000 | 46,500 | 56,500 | 60,500 | 60,500 |
| Texas | 1,796 | 1,459 | 1,635 | 1,640 | 1,640 |
| Arizona ² | 380 | 250 | | | |
| United States..... | 234,376 | 210,709 | 191,735 | 202,140 | 200,140 |
| Grapefruit | | | | | |
| Florida-All | 26,600 | 21,700 | 20,300 | 19,600 | 19,600 |
| White | 9,000 | 6,600 | 6,000 | 5,600 | 5,600 |
| Colored..... | 17,600 | 15,100 | 14,300 | 14,000 | 14,000 |
| California | 5,200 | 4,800 | 4,200 | 3,500 | 3,500 |
| Texas | 6,000 | 5,500 | 5,600 | 5,700 | 5,700 |
| Arizona ² | 100 | 25 | | | |
| United States..... | 37,900 | 32,025 | 30,100 | 28,800 | 28,800 |
| Lemons | | | | | |
| California | 14,800 | 21,000 | 20,500 | 21,000 | 21,000 |
| Arizona | 1,500 | 3,000 | 2,200 | 2,500 | 2,500 |
| United States..... | 16,300 | 24,000 | 22,700 | 23,500 | 23,500 |
| Tangelos | | | | | |
| Florida..... | 1,500 | 1,150 | 900 | 1,000 | 1,000 |
| Tangerines | | | | | |
| Florida-All | 5,500 | 3,850 | 4,450 | 4,200 | 4,400 |
| Early ³ | 2,600 | 2,550 | 2,250 | 2,400 | 2,600 |
| Honey | 2,900 | 1,300 | 2,200 | 1,800 | 1,800 |
| California ⁴ | 6,700 | 6,700 | 9,900 | 9,600 | 9,600 |
| Arizona ⁴ | 400 | 250 | 350 | 300 | 300 |
| United States..... | 12,600 | 10,800 | 14,700 | 14,100 | 14,300 |

¹ Early, midseason, Navel, and Temple varieties.

² Estimates discontinued beginning with the 2009-2010 crop year.

³ Fallglo and Sunburst varieties.

⁴ Includes tangelos and tangors.

All Oranges reduced to 138.0 Million Boxes

The 2010-2011 Florida all orange forecast released today by the USDA Agricultural Statistics Board is 138.0 million boxes, down 2 million boxes from January but just over 3 percent more than last season's production. The total is comprised of 66.0 million boxes of non-Valencia oranges (early, midseason, Navel, and Temple varieties) and 72.0 million boxes of Valencia oranges. The Navel forecast is 2.6 million boxes, 4 percent of the non-Valencia total. The hurricane seasons of 2004-2005 and 2005-2006 have been excluded from the usual 10-year regression analysis and from comparisons of the current season to previous seasons. For those previous 8 seasons, the February forecast has deviated from final production by an average of 3 percent with 6 seasons below and 2 above, with differences ranging from 3 percent below to 9 percent above. All references to "average" or "minimum" refer to the previous 8 non-hurricane seasons unless noted.

Surveys were conducted throughout the month of January to measure internal quality, size of fruit, fruit droppage, and the percentage of the citrus crop harvested. The effect of December's extreme temperatures on the citrus crop was assessed with scheduled surveys and the results are included as an insert to this report.

Non-Valencia Oranges 66.0 Million Boxes

The forecast of non-Valencia orange production is reduced to 66.0 million boxes. Final fruit size is the smallest in any non-disaster season and droppage is above the minimum but below average. The Navel forecast, included in the non-Valencia forecast, is raised 200,000 boxes to 2.6 million boxes based on utilization.

Valencia Oranges 72.0 Million Boxes

The forecast of Valencia production is reduced to 72.0 million boxes. Fruit size is projected to be below the minimum. Fruit droppage, projected to be 14 percent at harvest, is below average.

All Grapefruit 19.6 Million Boxes

The forecast of all grapefruit production remains unchanged from January's forecast of 19.6 million boxes. The white grapefruit remains unchanged at 5.6 million boxes. The colored grapefruit forecast of 14.0 million boxes remains unchanged. White grapefruit final indications show droppage is slightly above average while average fruit size is the second smallest on record. Colored grapefruit final indications show size is the smallest on record while droppage is below average.

All Tangerines 4.4 Million Boxes

The forecast of all tangerine production is increased 200,000 boxes to 4.4 million boxes due to increased utilization of the early tangerines (Fallglo and Sunburst), now 2.6 million boxes. The Honey tangerine forecast of 1.8 million boxes remains unchanged. The Honey tangerine final indications show size is below the minimum and droppage is below average.

Tangelos 1.0 Million Boxes

The forecast of tangelo production remains unchanged from January at 1.0 million boxes. Certified utilization has reached 900,000 boxes according to the Citrus Administrative Committee's report number 17.

FCOJ Yield 1.57 Gallons per Box

The projection for frozen concentrated orange juice (FCOJ) is lowered to 1.57 gallons per box of 42° Brix concentrate. Component projections are 1.50 gallons per box for non-Valencia oranges and 1.64 for the Valencias. Last season's final yields as reported by the Florida Department of Citrus are: all oranges, 1.559667 gallons per box; non-Valencia, 1.511083; and Valencia, 1.625245.

Forecast Components, by Variety — Florida: February 2011

[Survey data is considered final in December for Navels, January for early-midseason oranges, February for grapefruit, and April for Valencias]

| Type | Bearing trees (1,000 trees) | Fruit per tree (number) | Droppage (percent) | Fruit per box (number) |
|----------------------|--------------------------------|----------------------------|-----------------------|---------------------------|
| ORANGES | | | | |
| Early-midseason..... | 24,093 | 934 | 7 | 280 |
| Navel..... | 1,057 | 491 | 7 | 143 |
| Valencia..... | 33,122 | 598 | 14 | 230 |
| GRAPEFRUIT | | | | |
| White..... | 1,316 | 479 | 11 | 101 |
| Colored..... | 3,517 | 449 | 9 | 111 |

Maturity

Regular bloom fruit samples were collected from groves on established routes January 31, 2011 and February 1, 2011 in Florida's five major citrus producing areas and tested February 2-3, 2011 at the laboratory of the National Agricultural Statistics Service (NASS), Florida Field office. Acid levels have dropped since the last maturity test on all types of oranges. Brix percentages and ratios show increases for all varieties. Although the mid-month tests showed an increase in unfinished juice per box for early and late oranges, the latest results show unfinished juice per box is down from the previous month for all types of oranges. Citrus maturity test averages for early and midseason oranges by area are not shown due to limited sample availability in the Indian River production area.

Citrus Unadjusted Maturity Tests — Florida: 2009-2010 and 2010-2011

[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 | |
|---|------------------------|------------------------|------------------------|------------------------|-----------|-----------|-----------------------------|-----------------------|-----------------------|-----------------------|
| | 2009-2010 (percent) | 2010-2011 (percent) | 2009-2010 (percent) | 2010-2011 (percent) | 2009-2010 | 2010-2011 | 2009-2010 (pounds) | 2010-2011 (pounds) | 2009-2010 (pounds) | 2010-2011 (pounds) |
| ORANGES | | | | | | | | | | |
| Early (29-28) | | | | | | | | | | |
| Sep 1..... | 1.54 | 1.74 | 9.19 | 9.19 | 6.07 | 5.34 | 42.51 | 41.08 | 3.91 | 3.77 |
| Oct 1..... | 1.22 | 1.33 | 9.34 | 9.54 | 7.84 | 7.25 | 46.05 | 46.98 | 4.30 | 4.48 |
| Nov 1..... | 0.90 | 1.00 | 10.31 | 10.41 | 11.66 | 10.69 | 50.51 | 50.52 | 5.20 | 5.25 |
| Dec 1..... | 0.76 | 0.84 | 11.32 | 11.18 | 15.15 | 13.60 | 51.06 | 50.08 | 5.78 | 5.59 |
| Jan 1..... | 0.73 | 0.84 | 11.83 | 11.65 | 16.37 | 14.08 | 50.52 | 48.62 | 5.97 | 5.67 |
| Jan 15..... | (NA) | 0.79 | (NA) | 12.18 | (NA) | 15.52 | (NA) | 49.31 | (NA) | 6.01 |
| Feb 1..... | 0.73 | 0.74 | 12.40 | 12.48 | 17.44 | 17.03 | 47.69 | 45.97 | 5.91 | 5.74 |
| Midseason (23-13) | | | | | | | | | | |
| Sep 1..... | 1.78 | 1.94 | 9.24 | 9.32 | 5.30 | 4.84 | 41.51 | 41.43 | 3.84 | 3.86 |
| Oct 1..... | 1.40 | 1.58 | 9.21 | 9.28 | 6.71 | 5.99 | 47.15 | 45.07 | 4.34 | 4.18 |
| Nov 1..... | 1.03 | 1.14 | 10.34 | 10.25 | 10.32 | 9.17 | 51.22 | 47.70 | 5.30 | 4.89 |
| Dec 1..... | 0.87 | 1.00 | 11.23 | 11.42 | 13.16 | 11.64 | 51.69 | 49.03 | 5.80 | 5.60 |
| Jan 1..... | 0.80 | 0.95 | 11.99 | 11.84 | 15.19 | 12.57 | 51.43 | 49.93 | 6.17 | 5.91 |
| Jan 15..... | (NA) | 0.87 | (NA) | 12.14 | (NA) | 14.26 | (NA) | 46.01 | (NA) | 5.59 |
| Feb 1..... | 0.79 | 0.85 | 12.60 | 13.04 | 16.08 | 15.52 | 48.70 | 47.16 | 6.15 | 6.16 |
| Late (150-147) | | | | | | | | | | |
| Sep 1..... | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) |
| Oct 1..... | 2.41 | 2.56 | 8.86 | 8.94 | 3.73 | 3.52 | 43.46 | 43.84 | 3.85 | 3.92 |
| Nov 1..... | 1.86 | 2.01 | 9.32 | 9.67 | 5.07 | 4.86 | 48.08 | 48.84 | 4.48 | 4.72 |
| Dec 1..... | 1.52 | 1.62 | 10.22 | 10.41 | 6.83 | 6.51 | 50.91 | 51.44 | 5.20 | 5.36 |
| Jan 1..... | 1.30 | 1.49 | 10.89 | 11.05 | 8.50 | 7.47 | 53.03 | 50.98 | 5.77 | 5.63 |
| Jan 15..... | (NA) | 1.42 | (NA) | 11.36 | (NA) | 8.13 | (NA) | 51.36 | (NA) | 5.84 |
| Feb 1..... | 1.23 | 1.30 | 11.67 | 11.98 | 9.59 | 9.34 | 52.18 | 50.83 | 6.09 | 6.09 |

NA Not available.

Citrus Maturity Test Averages, by Areas — Florida: February 1, 2009-2010 and 2010-2011

| Fruit type (number of groves) | Acid | | Solids (Brix) | | Ratio | | Unfinished juice per box | | Solids per box | |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|-----------|-----------|-----------------------------|-----------------------|-----------------------|-----------------------|
| | 2009-2010 (percent) | 2010-2011 (percent) | 2009-2010 (percent) | 2010-2011 (percent) | 2009-2010 | 2010-2011 | 2009-2010 (pounds) | 2010-2011 (pounds) | 2009-2010 (pounds) | 2010-2011 (pounds) |
| Late Oranges | | | | | | | | | | |
| Indian River (27-27)..... | 1.26 | 1.43 | 11.81 | 12.23 | 9.40 | 8.58 | 53.27 | 49.67 | 6.29 | 6.09 |
| Other Areas (123-120)..... | 1.23 | 1.27 | 11.64 | 11.92 | 9.63 | 9.51 | 51.94 | 51.09 | 6.05 | 6.09 |

Fruit Size Comparisons by Types to Previous Seasons

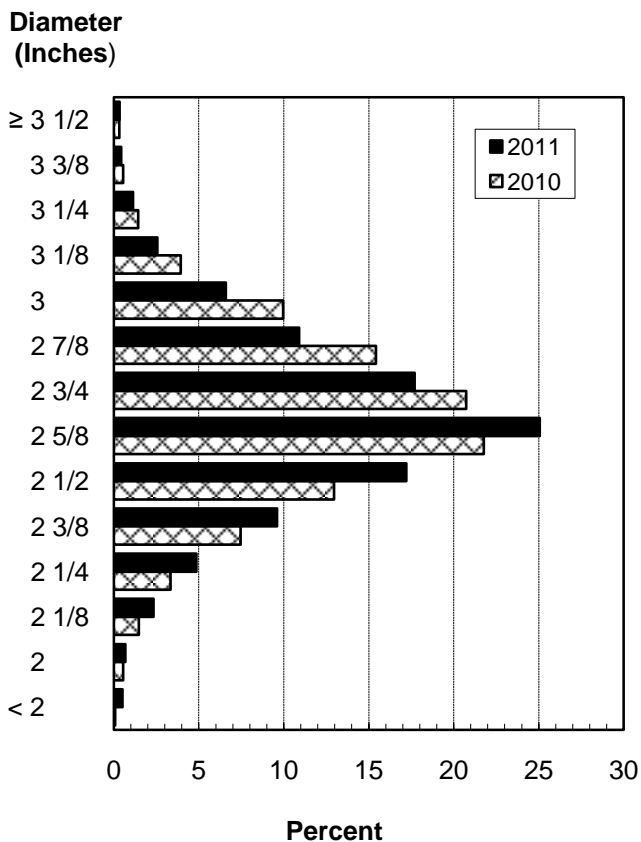
Size frequency distributions from the January size survey are shown in the following table. The distributions are by percent of fruit falling within the size range of each 4/5-bushel container. These frequency distributions include fruit from regular bloom and exclude fruit from summer bloom.

Citrus Size Frequency Measurement Distributions, by Type — Florida: January

| Type and number of fruit per 4/5 – bushel containers | 2009 (percent) | 2010 (percent) | 2011 (percent) | Type and number of fruit per 4/5 – bushel containers | 2009 (percent) | 2010 (percent) | 2011 (percent) |
|--|-------------------|-------------------|-------------------|--|-------------------|-------------------|-------------------|
| VALENCIA ORANGES | | | | WHITE GRAPEFRUIT ² | | | |
| 64 or less | 3.7 | 3.8 | 2.8 | 32 or less | 26.1 | 14.3 | 9.4 |
| 80 | 21.7 | 19.2 | 13.1 | 36 | 25.4 | 23.7 | 20.2 |
| 100 | 43.1 | 39.6 | 34.7 | 40 | 16.1 | 17.7 | 19.5 |
| 125 | 23.8 | 24.5 | 31.4 | 48 | 15.3 | 17.8 | 18.3 |
| 163 or more | 7.7 | 12.9 | 18.0 | 56 | 8.0 | 11.3 | 12.4 |
| | | | | 63 or more | 9.1 | 15.2 | 20.2 |
| HONEY TANGERINES | | | | COLORED GRAPEFRUIT | | | |
| 80 or less | 33.1 | 23.9 | 18.0 | 32 or less | 13.2 | 5.1 | 5.3 |
| 100 | 31.9 | 32.2 | 33.4 | 36 | 19.9 | 11.4 | 12.6 |
| 120 | 18.6 | 25.4 | 24.6 | 40 | 18.7 | 18.2 | 15.2 |
| 176 | 8.4 | 9.2 | 9.6 | 48 | 20.4 | 21.9 | 20.2 |
| 210 or more | 8.0 | 9.3 | 14.4 | 56 | 11.5 | 15.7 | 16.1 |
| | | | | 63 or more | 16.3 | 27.7 | 30.6 |

The charts below show the distribution of fruit sizes in 2011 compared to 2010. The diameter measurements shown are the minimum values of each eighth-inch range, except for the smallest values.

Fruit Size Frequency Measurements, Valencia Oranges, by Diameter — Florida: January



Fruit Size Frequency Measurements, White Seedless Grapefruit, by Diameter — Florida: January

