



# CITRUS JUNE FORECAST

## MATURITY TEST RESULTS AND FRUIT SIZE

Cooperating with the Florida Department of Agriculture and Consumer Services  
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June 9, 2017

**Florida All Orange Production Up 1 percent from May**  
**Florida Non-Valencia Orange Production Unchanged**  
**Florida Valencia Orange Production Up 1 percent**  
**Florida All Grapefruit Production Unchanged**  
**Florida All Tangerine and Tangelo Production Down 1 percent**  
**FCOJ Yield at 1.42 Gallons per Box (42° Brix)**

FORECAST DATES - 2016-2017 SEASON  
[Release time 12:00 p.m. EDT]  
July 12, 2017

Crop and State	Production <sup>1</sup>		2016-2017 Forecasted Production <sup>1</sup>	
	2014-2015 (1,000 boxes)	2015-2016 (1,000 boxes)	May (1,000 boxes)	June (1,000 boxes)
<b>Non-Valencia Oranges <sup>2</sup></b>				
<b>Florida</b> .....	<b>47,400</b>	<b>36,100</b>	<b>33,000</b>	<b>33,000</b>
California <sup>3</sup> .....	39,000	47,200	43,000	43,000
Texas <sup>3</sup> .....	1,170	1,351	1,050	1,050
United States .....	87,570	84,651	77,050	77,050
<b>Valencia Oranges</b>				
<b>Florida</b> .....	<b>49,550</b>	<b>45,600</b>	<b>35,000</b>	<b>35,500</b>
California <sup>3</sup> .....	9,200	11,300	8,000	8,000
Texas <sup>3</sup> .....	282	340	320	320
United States .....	59,032	57,240	43,320	43,820
<b>All Oranges</b>				
<b>Florida</b> .....	<b>96,950</b>	<b>81,700</b>	<b>68,000</b>	<b>68,500</b>
California <sup>3</sup> .....	48,200	58,500	51,000	51,000
Texas <sup>3</sup> .....	1,452	1,691	1,370	1,370
United States .....	146,602	141,891	120,370	120,870
<b>Grapefruit</b>				
<b>Florida-All</b> .....	<b>12,900</b>	<b>10,800</b>	<b>7,800</b>	<b>7,800</b>
<b>White</b> .....	<b>3,250</b>	<b>2,490</b>	<b>1,500</b>	<b>1,500</b>
<b>Red</b> .....	<b>9,650</b>	<b>8,310</b>	<b>6,300</b>	<b>6,300</b>
California <sup>3</sup> .....	4,800	3,800	3,800	3,800
Texas <sup>3</sup> .....	4,250	4,800	4,700	4,700
United States .....	21,950	19,400	16,300	16,300
<b>Lemons <sup>3</sup></b>				
California .....	20,600	20,900	19,000	19,000
Arizona .....	2,000	1,750	1,700	1,700
United States .....	22,600	22,650	20,700	20,700
<b>Tangelos</b>				
<b>Florida</b> .....	<b>665</b>	<b>390</b>	<b>(NA)</b>	<b>(NA)</b>
<b>Tangerines and Tangelos <sup>4</sup></b>				
<b>Florida-All</b> .....	<b>2,265</b>	<b>1,415</b>	<b>1,630</b>	<b>1,620</b>
<b>Early <sup>5</sup></b> .....	<b>1,445</b>	<b>785</b>	<b>600</b>	<b>600</b>
<b>Royal <sup>6</sup></b> .....	<b>(NA)</b>	<b>(NA)</b>	<b>220</b>	<b>210</b>
<b>Honey</b> .....	<b>820</b>	<b>630</b>	<b>530</b>	<b>530</b>
<b>Tangelo</b> .....	<b>(NA)</b>	<b>(NA)</b>	<b>280</b>	<b>280</b>
California <sup>3</sup> .....	18,700	21,600	22,000	22,000
Arizona <sup>7</sup> .....	170	(NA)	(NA)	(NA)
United States .....	21,135	23,015	23,630	23,620

NA Not available.

<sup>1</sup> Net pounds per box: oranges in California-80, Florida-90, Texas-85; grapefruit in California and Texas-80, Florida-85; lemons-80, tangelos-90; tangerines and mandarins in Arizona and California-80, Florida-95.

<sup>2</sup> Navel and miscellaneous varieties in California. Early (including Navel) and midseason varieties in Florida and Texas. Includes small quantities of Temples in Florida for 2014-2015 and 2015-2016.

<sup>3</sup> Estimates carried forward from May forecast.

<sup>4</sup> Includes tangelos and tangors in California. Beginning in 2016-2017, includes tangelos in Florida.

<sup>5</sup> Fallglo and Sunburst varieties.

<sup>6</sup> Beginning in 2016-2017, Temples have been reclassified as Royal tangerines.

<sup>7</sup> Estimates discontinued in 2015-2016.

## Regressions

Regression data used are from the 2006-2007 through 2015-2016 seasons. All references to “average”, “minimum”, and “maximum” refer to these 10 seasons unless noted.

### All Oranges 68.5 Million Boxes

The 2016-2017 Florida all orange forecast released today by the USDA Agricultural Statistics Board is up 500,000 boxes to 68.5 million boxes. The total includes 33.0 million boxes of non-Valencia oranges (early, midseason, and Navel varieties) and 35.5 million boxes of Valencia oranges. For the previous 10 seasons used in the regressions, the June all orange forecast has deviated from final production by an average of 1 percent, with 2 seasons above and 8 below, and differences ranging from 2 percent below to 1 percent above.

### Non-Valencia Oranges 33.0 Million Boxes

The forecast of non-Valencia production remains at 33.0 million boxes. Harvest is complete for the included varieties. The Navel portion of the non-Valencia forecast is unchanged at 800,000 boxes.

### Valencia Oranges 35.5 Million Boxes

The forecast of Valencia production is now 35.5 million boxes, up 500,000 boxes from the May forecast. The forecast is based on certified utilization and projections for the remainder of the season. The Row Count survey, conducted May 30-31, 2017, showed 99 percent of the rows are harvested.

### All Grapefruit 7.80 Million Boxes

The all grapefruit forecast is unchanged at 7.80 million boxes, including an allocation for non-certified use. The white grapefruit forecast is unchanged at 1.50 million boxes; red grapefruit is unchanged at 6.30 million boxes. The Row Count survey shows nearly all grapefruit rows included in the survey are harvested.

### Tangerines and Tangelos 1.62 Million Boxes

The forecast of all tangerine and tangelos is lowered 10,000 boxes to 1.62 million. The forecast includes 600,000 boxes of the early tangerines (Fallglo and Sunburst), 210,000 boxes of Royal tangerines, 530,000 boxes of Honey tangerines, and 280,000 boxes of tangelos.

The early portion of the tangerine forecast is final. A 10,000 box reduction was made in the Royal tangerine forecast based on utilization. The Row Count Survey conducted May 30-31, 2017 indicated harvest near completion for the Royal and Honey tangerine varieties.

The tangelo portion of the all tangerine forecast is final at 280,000 boxes. The Row Count survey showed harvest is over for this variety.

### FCOJ Yield 1.42 Gallons per Box

The Frozen Concentrated Orange Juice (FCOJ) yield as reported by the Florida Department of Citrus (FDOC), Report No. 34, for the period ending May 27, 2017 is 1.42 gallons per box of 42° Brix concentrate. The late component yield is 1.54 gallons per box. The final yield for non-Valencia oranges is 1.336596 gallons per box as reported by the Florida Department of Citrus (FDOC) in Report No. 21. Last season's final yields, as reported by the Florida Department of Citrus were: 1.405527 gallons per box for all oranges, 1.347046 gallons per box for non-Valencia oranges, and 1.472983 gallons per box for late (Valencia) oranges.

### Maturity Tests

Maturity samples are usually collected during the Row Count survey which was conducted May 30-31, 2017. An insufficient number of maturity samples were available for testing.