



# CITRUS MATURITY TEST RESULTS

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

**All Orange Production unchanged**  
**Non-Valencia Orange Production unchanged**  
**Valencia Orange Production unchanged**  
**All Grapefruit Production up 2 Percent**  
**All Tangerine Production unchanged**  
**Tangelo Production unchanged**  
**FCOJ Yield 1.59 gallons per box**

**NEXT FORECAST – 2010-2011 SEASON**  
July 12, 2011

## Citrus Production by Type and State – United States

Crop and State	Production <sup>1</sup>			2010-2011 Forecast	
	2007-2008 (1,000 boxes)	2008-2009 (1,000 boxes)	2009-2010 (1,000 boxes)	May (1,000 boxes)	June (1,000 boxes)
<b>Non-Valencia Oranges<sup>2</sup></b>					
Florida.....	83,500	84,600	68,600	70,000	70,000
California <sup>3</sup> .....	45,000	34,500	42,500	48,000	48,000
Texas <sup>3</sup> .....	1,600	1,300	1,360	1,480	1,480
Arizona.....	230	150	(NA)	(NA)	(NA)
United States.....	130,330	120,550	112,460	119,480	119,480
<b>Valencia Oranges</b>					
Florida.....	86,700	77,900	65,100	70,000	70,000
California <sup>3</sup> .....	17,000	12,000	15,000	13,000	13,000
Texas <sup>3</sup> .....	196	159	275	285	285
Arizona.....	150	100	(NA)	(NA)	(NA)
United States.....	104,046	90,159	80,375	83,285	83,285
<b>All Oranges</b>					
Florida.....	170,200	162,500	133,700	140,000	140,000
California <sup>3</sup> .....	62,000	46,500	57,500	61,000	61,000
Texas <sup>3</sup> .....	1,796	1,459	1,635	1,765	1,765
Arizona.....	380	250	(NA)	(NA)	(NA)
United States.....	234,376	210,709	192,835	202,765	202,765
<b>Grapefruit</b>					
Florida-All.....	26,600	21,700	20,300	19,600	19,900
White.....	9,000	6,600	6,000	5,600	5,900
Colored.....	17,600	15,100	14,300	14,000	14,000
California <sup>3</sup> .....	5,200	4,800	4,500	3,500	3,500
Texas <sup>3</sup> .....	6,000	5,500	5,600	5,900	5,900
Arizona.....	100	25	(NA)	(NA)	(NA)
United States.....	37,900	32,025	30,400	29,000	29,300
<b>Lemons<sup>3</sup></b>					
California.....	14,800	21,000	21,000	21,000	21,000
Arizona.....	1,500	3,000	2,200	2,500	2,500
United States.....	16,300	24,000	23,200	23,500	23,500
<b>Tangelos</b>					
Florida.....	1,500	1,150	900	1,150	1,150
<b>Tangerines</b>					
Florida-All.....	5,500	3,850	4,450	4,600	4,600
Early <sup>4</sup> .....	2,600	2,550	2,250	2,600	2,600
Honey.....	2,900	1,300	2,200	2,000	2,000
California <sup>3,5</sup> .....	6,700	6,700	9,900	9,600	9,600
Arizona <sup>3,5</sup> .....	400	250	350	300	300
United States.....	12,600	10,800	14,700	14,500	14,500

(NA) Not available.

<sup>1</sup> Net pounds per box: oranges in California-80 (75 prior to the 2010-2011 crop year), Florida-90, Texas-85; grapefruit in California-80 (67 prior to the 2010-2011 crop year), Florida-85, Texas-80; lemons-80 (76 prior to the 2010-2011 crop year), tangelos-90; tangerines and mandarins in Arizona and California-80 (75 prior to the 2010-2011 crop year), Florida-95.

<sup>2</sup> Navel and miscellaneous varieties in California. Early (including navel) and midseason varieties in Florida and Texas. Small quantities of tangerines in Texas and Temples in Florida.

<sup>3</sup> Estimates for current year carried forward from previous forecast.

<sup>4</sup> Fallglo and Sunburst varieties.

<sup>5</sup> Includes tangelos and tangors.

## All Oranges 140.0 Million Boxes

The 2010-2011 Florida all orange forecast released today by the USDA Agricultural Statistics Board remains at 140.0 million boxes. The total is comprised of 70.0 million boxes of non-Valencia oranges (early, midseason, Navel, and Temple varieties) and 70.0 million boxes of Valencia oranges. 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 June forecast has deviated from final production by an average of 1 percent with 3 seasons above, 4 below, and 1 equal to final production with differences ranging from 1 percent above to 2 percent below. All references to “average” or “minimum” refer to the previous 8 non-hurricane seasons unless noted. Hot and dry conditions prevailed during the month of May with little precipitation recorded in most citrus producing areas.

## Non-Valencia Oranges 70.0 Million Boxes

The forecast of non-Valencia orange production is unchanged at 70.0 million boxes. The Navel portion of the forecast remains unchanged at 2.6 million boxes and represents 4 percent of the non-Valencia total. Harvest of the early, midseason, Navel, and Temple varieties is complete.

## Valencia Oranges 70.0 Million Boxes

The forecast of Valencia production is unchanged at 70.0 million boxes. Utilization of Valencias averaged approximately 5 million boxes per week during the month of May. The route survey (Row Count) conducted June 1-2, 2011 showed nearly 79 percent of the rows have been harvested.

## All Grapefruit 19.9 Million Boxes

The forecast of all grapefruit production is raised 300,000 boxes to 19.9 million boxes, including an allocation of 700,000 boxes for non-certified gift fruit and local sales. The white grapefruit forecast is now 5.9 million boxes and the colored grapefruit forecast remains at 14.0 million boxes. The route survey conducted June 1-2, 2011 shows that over 98 percent of the white rows and all of the included colored rows have been harvested. Estimated utilization through the end of May for all grapefruit is over 19.8 million boxes.

## All Tangerines 4.6 Million Boxes

The forecast of all tangerine production is unchanged at 4.6 million. The total is comprised of the early varieties (Fallglo and Sunburst) at 2.6 million boxes and Honey tangerines at 2.0 million boxes. The later maturing Honey tangerine harvest is complete.

## Tangelos 1.15 Million Boxes

The forecast of tangelo production is unchanged from the previous forecast. Harvest is complete and no certifications were recorded in the past month. This forecast is 28 percent more than last season’s final utilization of 900,000 boxes.

## FCOJ Yield 1.59 Gallons per Box

The projection for frozen concentrated orange juice (FCOJ) is increased to 1.59 gallons per box of 42° Brix concentrate for all oranges. The late (Valencia) projection is 1.68 gallons per box, up from 1.66 gallons per box last month. The early-midseason component is final at 1.522625 gallons per box, as reported by the Florida Department of Citrus (FDOC). Last season’s final yields as reported by the FDOC are: all oranges, 1.559667 gallons per box; non-Valencia, 1.511083; Valencia, 1.625245.

## Citrus Unadjusted Maturity Tests — Florida: June 2006 through June 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 0.040 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 Test Month/Year	Groves sampled	Acid	Solids (Brix)	Ratio	Unfinished juice per box	Solids per box
	(number)	(percent)	(percent)		(pounds)	(pounds)
<b>LATE ORANGES</b>						
June 2006.....	43	0.79	14.07	17.93	52.72	7.42
June 2007.....	10	0.85	13.66	16.38	53.17	7.27
June 2008.....	47	0.70	13.39	19.33	55.23	7.39
June 2009.....	24	0.76	13.00	17.36	54.54	7.08
June 2010.....	12	0.76	13.50	18.23	53.20	7.19
June 2011.....	29	0.82	13.94	17.61	52.13	7.26