



CITRUS

JULY FORECAST FORECAST COMPONENTS

Cooperating with the Florida Department of Agriculture & Consumer Services
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July 11, 2014

Florida All Orange Production Up Less than 1 Percent
Florida Non-Valencia Orange Production Unchanged
Florida Valencia Orange Production up Less than 1 Percent
Florida All Grapefruit Production Up Less than 1 Percent
Florida All Tangerine Production Unchanged
Florida Tangelo Production Unchanged
Florida FCOJ Yield 1.569080 Gallons per Box

The first forecast of the 2014-2015 season will be released at 12:00 p.m. EDT on October 10, 2014.

Citrus Production by Type and State – United States

Crop and State	Production ¹			2013-2014 Forecasted Production ¹	
	2010-2011 (1,000 boxes)	2011-2012 (1,000 boxes)	2012-2013 (1,000 boxes)	June (1,000 boxes)	July (1,000 boxes)
Non-Valencia Oranges ²					
Florida	70,300	74,200	67,100	53,300	53,300
California	48,000	45,500	42,500	42,000	42,000
Texas	1,700	1,108	1,499	1,601	1,400
United States.....	120,000	120,808	111,099	96,901	96,700
Valencia Oranges					
Florida	70,200	72,500	66,500	51,000	51,100
California	14,500	12,500	12,000	12,000	12,000
Texas	249	311	289	404	376
United States.....	84,949	85,311	78,789	63,404	63,476
All Oranges					
Florida	140,500	146,700	133,600	104,300	104,400
California	62,500	58,500	54,500	54,000	54,000
Texas	1,949	1,419	1,788	2,005	1,776
United States.....	204,949	206,119	189,888	160,305	160,176
Grapefruit					
Florida-All	19,750	18,850	18,350	15,600	15,650
White.....	5,850	5,350	5,250	4,100	4,150
Colored.....	13,900	13,500	13,100	11,500	11,500
California	4,310	4,000	4,500	4,000	4,000
Texas	6,300	4,800	6,100	6,070	5,700
United States.....	30,360	27,650	28,950	25,670	25,350
Lemons					
California	20,500	20,500	21,000	20,000	20,000
Arizona	2,500	750	1,800	1,785	1,785
United States.....	23,000	21,250	22,800	21,785	21,785
Tangelos					
Florida	1,150	1,150	1,000	880	880
Tangerines					
Florida-All	4,650	4,290	3,280	2,950	2,950
Early ³	2,600	2,330	1,910	1,750	1,750
Honey	2,050	1,960	1,370	1,200	1,200
California ⁴	10,600	10,800	13,000	13,200	13,000
Arizona ⁴	300	200	200	200	200
United States.....	15,550	15,290	16,480	16,350	16,150

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

² Navel and miscellaneous varieties in California. Early (including Navel) and midseason varieties in Florida and Texas. Includes small quantities of tangerines in Texas and Temples in Florida.

³ Fallglo and Sunburst varieties.

⁴ Includes tangelos and tangors.

Citrus Forecast

The 2013-2014 Florida all orange forecast released today by the USDA Agricultural Statistics Board is raised to 104.4 million boxes. The total is comprised of 53.3 million boxes of non-Valencia oranges (early, midseason, Navel, and Temple varieties), unchanged from last month, and 51.1 million boxes of Valencia oranges, up 100,000 boxes from last month. The forecast of all Florida grapefruit production is raised slightly to 15.65 million boxes. Of the total grapefruit forecast, 4.15 million boxes are white and 11.5 million boxes are the colored varieties. The Florida all tangerine forecast remains at 2.95 million boxes. The total is comprised of the early varieties (Fallglo and Sunburst) at 1.75 million boxes and the later maturing Honey tangerines at 1.2 million boxes. The forecast of all Florida tangelo production remains at 880 thousand boxes. As reported by the Florida Department of Citrus in Report No. 38, the final FCOJ yields are all oranges at 1.569080 gallons per box and the late (Valencia) portion at 1.642463 gallons per box. The early-midseason component was final at 1.521318 gallons per box in Report No. 23.

Forecast Components of Production from Objective Surveys — Florida: 2009-2010 through 2013-2014

Fruit type and crop year	Number bearing trees (1,000 trees)	Sample survey averages		
		Fruit per tree (number)	Percent drop ¹ (percent)	Fruit per box ¹ (number)
Early-Midseason Oranges ^{2 3}				
2009-2010	24,623	866	8	246
2010-2011	24,164	932	7	280
2011-2012	23,864	918	13	235
2012-2013	23,804	1,034	18	274
2013-2014	23,660	918	23	286
Navel Oranges				
2009-2010	1,137	366	10	135
2010-2011	1,089	487	7	138
2011-2012	1,045	478	17	135
2012-2013	1,006	413	27	135
2013-2014	985	429	19	144
Valencia Oranges				
2009-2010	33,801	480	14	218
2010-2011	32,905	598	16	227
2011-2012	32,550	567	19	212
2012-2013	32,335	661	22	231
2013-2014	32,149	614	31	240
White Grapefruit ⁴				
2009-2010	1,475	431	12	96
2010-2011	1,435	478	11	104
2011-2012	1,377	443	16	101
2012-2013	1,326	547	22	120
2013-2014	1,282	555	29	118
Colored Grapefruit				
2009-2010	3,725	413	10	109
2010-2011	3,602	450	9	116
2011-2012	3,557	428	18	105
2012-2013	3,571	492	21	125
2013-2014	3,617	500	25	123

¹ Averages at cut-off month—January 1 for early-midseason oranges, December 1 for Navels, April 1 for Valencias, and February 1 for grapefruit.

² Excludes Navels.

³ Includes Temples.

⁴ Includes seedy grapefruit.

The above table shows the production components used for the 2009-2010 through the 2013-2014 forecast seasons. Bearing trees are estimated at the beginning of each forecast season using the most updated tree inventory with an allowance for expected attrition. Revisions are made to the historic series where applicable. Fruit per tree is the weighted average obtained from the annual Limb Count survey conducted during a ten-week period from mid-July to mid-September. Survey averages for each tree age group within an area are weighted by the estimated number of bearing trees for each age group. Fruit size measurements and drop observations are obtained from monthly surveys. The average drop percentages are from the final month used in the forecast model. Average fruit sizes were also obtained from the same survey period and have been converted in the table to estimated number of fruit needed to fill a 1 3/5 bushel box. These four factors are the primary components used in the initial October forecast and in following months up to the "cut-off" for each fruit type.

$$\text{Direct Expansion} = \frac{\text{Bearing Trees} \times \text{Fruit per Tree} \times \text{Percent Remaining at Harvest}}{\text{Pieces of Fruit per Box}}$$