



CITRUS APRIL FORECAST MATURITY TEST RESULTS AND FRUIT SIZE

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April 10, 2012

All Orange Production down 1 percent
Non-Valencia Orange Production unchanged
Valencia Orange Production down 3 percent
All Grapefruit Production up 1 percent
All Tangerine Production unchanged
Tangelo Production unchanged
FCOJ Yield 1.62 gallons per box

FORECAST DATES – 2011-2012 SEASON		
May 10, 2012	July 11, 2012	June 12, 2012

Citrus Production ¹ by Type and State – United States

Crop and State	Production			2011-2012 Forecast	
	2008-2009 (1,000 boxes)	2009-2010 (1,000 boxes)	2010-2011 (1,000 boxes)	March (1,000 boxes)	April (1,000 boxes)
Non-Valencia Oranges ²					
Florida.....	84,600	68,600	70,300	74,000	74,000
California.....	34,500	42,500	48,000	44,000	44,000
Texas.....	1,300	1,360	1,700	1,292	1,165
Arizona.....	150				
United States.....	120,550	112,460	120,000	119,292	119,165
Valencia Oranges					
Florida.....	77,900	65,100	*70,200	73,000	71,000
California.....	12,000	15,000	*14,500	14,000	14,000
Texas.....	159	275	249	334	224
Arizona.....	100				
United States.....	90,159	80,375	*84,949	87,334	85,224
All Oranges					
Florida.....	162,500	133,700	*140,500	147,000	145,000
California.....	46,500	57,500	*62,500	58,000	58,000
Texas.....	1,459	1,635	1,949	1,626	1,389
Arizona.....	250				
United States.....	210,709	192,835	*204,949	206,626	204,389
Grapefruit					
Florida-All.....	21,700	20,300	19,750	18,700	18,800
White.....	6,600	6,000	5,850	5,200	5,300
Colored.....	15,100	14,300	13,900	13,500	13,500
California.....	4,800	4,500	*4,300	3,300	3,400
Texas.....	5,500	5,600	6,300	4,977	5,292
Arizona.....	25				
United States.....	32,025	30,400	*30,350	26,977	27,492
Lemons					
California.....	21,000	21,000	*20,500	19,500	19,500
Arizona.....	3,000	2,200	2,500	700	800
United States.....	24,000	23,200	*23,000	20,200	20,300
Tangelos					
Florida.....	1,150	900	1,150	1,150	1,150
Tangerines					
Florida-All.....	3,850	4,450	4,650	4,300	4,300
Early ³	2,550	2,250	2,600	2,400	2,350
Honey.....	1,300	2,200	2,050	1,900	1,950
California ⁴	6,700	9,900	9,900	10,300	9,800
Arizona ⁴	250	350	300	200	200
United States.....	10,800	14,700	14,850	14,800	14,300

* Revised.

¹ 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.

² 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.

³ Fallglo and Sunburst varieties.

⁴ Includes tangelos and tangors.

All Oranges 145.0 Million Boxes

The 2011-2012 Florida all orange forecast released today by the USDA Agricultural Statistics Board is reduced by 2.0 million boxes to 145.0 million boxes. The total is comprised of 74.0 million boxes of non-Valencia oranges (early, midseason, Navel, and Temple varieties) and 71.0 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 April forecast has deviated from final production by an average of 2 percent with 3 seasons above and 5 below, with differences ranging from 1 percent above to 3 percent below. All references to “average” or “minimum” refer to the previous 8 non-hurricane seasons unless noted.

Non-Valencia Oranges 74.0 Million Boxes

The forecast of non-Valencia orange production is unchanged at 74.0 million boxes. The route survey (Row Count) conducted April 2-3 indicated the non-Valencia harvest is relatively complete. The Navel forecast, included in the non-Valencia forecast, remains unchanged at 2.6 million boxes.

Valencia Oranges 71.0 Million Boxes

The forecast of Valencia production is reduced by 2.0 million boxes. Weekly utilization of Valencias was more than 5 million boxes during the last three weeks of March. The route survey (Row Count) conducted April 2-3 showed 40 percent of the rows have been harvested. Compared to last month’s projections, fruit size is smaller and droppage is higher. Final fruit size is slightly below average and fruit droppage at 19 percent is well above average.

All Grapefruit 18.8 Million Boxes

The forecast of all grapefruit production is increased 100,000 boxes from the previous forecast. The change is based on increased utilization of the white grapefruit variety. Of the total grapefruit forecast, 5.3 million boxes are white and 13.5 million boxes are the colored varieties. The route survey conducted April 2-3 shows 97 percent of the white rows and 92 percent of the colored rows are harvested.

All Tangerines 4.3 Million Boxes

The forecast of all tangerine production is unchanged at 4.3 million boxes, consisting of the early varieties (Fallglo and Sunburst) at 2.35 million boxes and Honey tangerine forecast at 1.95 million boxes. The forecast of the early tangerine varieties is lowered by 50,000 boxes due to final utilization, and Honey tangerines are raised 50,000 boxes based on estimated utilization to the first of the month. The Row Count indication shows that 98 percent of the Honey tangerine rows are harvested.

Tangelos 1.15 Million Boxes

The forecast of tangelo production is unchanged from the previous forecast. The Row Count survey showed nearly all of the rows are harvested.

FCOJ Yield Reduced to 1.62 Gallons per Box

The projection for frozen concentrated orange juice (FCOJ) is reduced to 1.62 gallons per box of 42° Brix concentrate for all oranges, down from 1.64 gallons per box in March. The late (Valencia) projection is 1.72 gallons per box, down from 1.76 gallons per box last month. The early-midseason component is final at 1.555402 gallons per box, as reported by the Florida Department of Citrus. Last season’s final yields as reported by the Florida Department of Citrus are: all oranges, 1.586081 gallons per box; early-midseason, 1.522652; and late season (Valencia), 1.664737.

Forecast Components, by Variety — Florida: April 2012

[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.....	23,909	919	13	235
Navel.....	1,046	481	17	137
Valencia.....	32,467	567	19	212
GRAPEFRUIT				
White.....	1,377	443	16	101
Colored.....	3,486	430	18	105

Maturity – Florida: April 1, 2012

Regular bloom fruit samples were collected from groves on established routes April 2-3, 2012, in Florida's five major citrus producing areas, and tested April 4, 2012 at the laboratory of the National Agricultural Statistics Service (NASS), Florida Field Office. Acid levels and solids are lower on late oranges than last season, resulting in higher ratios. Unfinished juice per box and solids per box are higher than last season. Current acid levels and solids in fruit from the Indian River District are higher than in other areas; ratios are lower. Unfinished juice per box and solids per box are higher in fruit from the Indian River than in fruit from other areas.

Citrus Unadjusted Maturity Tests — Florida: 2010-2011 and 2011-2012

[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	
	2010-2011	2011-2012	2010-2011	2011-2012	2010-2011	2011-2012	2010-2011	2011-2012	2010-2011	2011-2012
	(percent)	(percent)	(percent)	(percent)			(pounds)	(pounds)	(pounds)	(pounds)
LATE ORANGES (121-94)										
Oct 1.....	2.57	2.15	8.97	8.95	3.51	4.22	43.87	48.36	3.93	4.32
Nov 1.....	2.04	1.54	9.70	9.43	4.80	6.29	48.82	51.32	4.73	4.84
Dec 1.....	1.64	1.40	10.44	10.36	6.42	7.53	51.44	55.15	5.37	5.71
Jan 1.....	1.50	1.20	11.09	11.42	7.44	9.66	50.91	56.67	5.64	6.47
Feb 1.....	1.32	1.14	12.01	12.16	9.23	10.80	51.07	55.83	6.14	6.78
Mar 1.....	1.15	1.01	12.39	12.54	10.83	12.63	51.78	55.62	6.42	6.98
Apr 1.....	1.03	0.85	12.70	12.64	12.49	15.16	51.98	56.14	6.61	7.09

Citrus Maturity Test Averages, by Areas — Florida: April 1, 2010-2011 and 2011-2012

Fruit type (number of groves)	Acid		Solids (Brix)		Ratio		Unfinished juice per box		Solids per box	
	2010-2011	2011-2012	2010-2011	2011-2012	2010-2011	2011-2012	2010-2011	2011-2012	2010-2011	2011-2012
	(percent)	(percent)	(percent)	(percent)			(pounds)	(pounds)	(pounds)	(pounds)
LATE ORANGES										
Indian River (23-20).....	1.14	0.96	13.01	12.92	11.53	13.78	52.33	57.68	6.81	7.45
Other Areas (98-74).....	1.00	0.82	12.63	12.56	12.71	15.53	51.90	55.73	6.56	7.00

Fruit Size Comparisons by Types to Previous Seasons

Size frequency distributions from the March size survey are shown in the table below. 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.

The chart to the right shows the distribution of fruit sizes in 2012 compared to 2011. The diameter measurements shown are the minimum values of fruit measured, except for the smallest values.

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

Type and number of fruit per 4/5 – bushel containers	2010	2011	2012
	(percent)	(percent)	(percent)
VALENCIA ORANGES			
64 or less.....	5.7	4.6	6.2
80.....	22.9	17.2	24.6
100.....	38.4	37.1	41.3
125.....	22.4	27.3	22.0
163 or more.....	10.6	13.8	5.9

Fruit Size Frequency Measurements, Valencia Oranges, by Diameter - Florida: March Survey

