



CITRUS NOVEMBER FORECAST MATURITY TEST RESULTS AND FRUIT SIZE

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November 9, 2012

All Oranges 154.0 Million Boxes
Non-Valencia Oranges 74.0 Million Boxes
Valencia Oranges 80.0 Million Boxes
All Grapefruit 20.3 Million Boxes
All Tangerines 4.4 Million Boxes
Tangelos 1.2 Million Boxes

FORECAST DATES	–	2012-2013 SEASON
[Beginning January 2013 release time will be 12:00 p.m. EDT]		
December 11, 2012		April 10, 2013
January 11, 2013		May 10, 2013
February 8, 2013		June 12, 2013
March 8, 2013		July 11, 2013

Citrus Production by Type and State – United States

Crop and State	Production ¹			Forecasted Production ¹²
	2009-2010 (1,000 boxes)	2010-2011 (1,000 boxes)	2011-2012 (1,000 boxes)	2012-2013 (1,000 boxes)
Non-Valencia Oranges ³				
Florida.....	68,600	70,300	74,200	74,000
California.....	42,500	48,000	45,500	46,500
Texas.....	1,360	1,700	1,108	1,130
United States.....	112,460	120,000	120,808	121,630
Valencia Oranges				
Florida.....	65,100	70,200	72,400	80,000
California.....	15,000	14,500	13,500	13,000
Texas.....	275	249	311	286
United States.....	80,375	84,949	86,211	93,286
All Oranges				
Florida.....	133,700	140,500	146,600	154,000
California.....	57,500	62,500	59,000	59,500
Texas.....	1,635	1,949	1,419	1,416
United States.....	192,835	204,949	207,019	214,916
Grapefruit				
Florida-All.....	20,300	19,750	18,850	20,300
White.....	6,000	5,850	5,350	5,800
Colored.....	14,300	13,900	13,500	14,500
California.....	4,500	4,310	4,400	4,000
Texas.....	5,600	6,300	4,800	5,280
United States.....	30,400	30,360	28,050	29,580
Lemons				
California.....	21,000	20,500	20,500	20,500
Arizona.....	2,200	2,500	750	1,700
United States.....	23,200	23,000	21,250	22,200
Tangelos				
Florida.....	900	1,150	1,150	1,200
Tangerines				
Florida-All.....	4,450	4,650	4,290	4,400
Early ⁴	2,250	2,600	2,330	2,400
Honey.....	2,200	2,050	1,960	2,000
California ⁵	9,900	10,600	10,900	11,800
Arizona ⁵	350	300	200	200
United States.....	14,700	15,500	15,390	16,400

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 Estimates carried forward from October.

³ 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.

⁴ Fallglo and Sunburst varieties.

⁵ Includes tangelos and tangors.

All Orange 154.0 Million Boxes

The Florida all orange forecast is carried forward from October at 154.0 million boxes, 5 percent more than last season's production. It is comprised of 74.0 million boxes of non-Valencia oranges (early, midseason, Navel, and Temple varieties), and 80.0 million boxes of Valencia oranges. The Navel orange forecast is 2.2 million boxes, 3 percent of the non-Valencia total. All orange bearing trees are estimated to be 56.8 million, down 1 percent from the previous season.

All Grapefruit 20.3 Million Boxes

The forecast of all grapefruit production is carried forward at 20.3 million boxes, 8 percent more than last season's production. The total is comprised of 5.8 million boxes of white grapefruit and 14.5 million boxes of colored grapefruit. All grapefruit bearing trees are estimated to be 4.9 million, down 1 percent from last season.

All Tangerines 4.4 Million Boxes

The forecast of all tangerines is carried forward at 4.4 million boxes, 3 percent more than last season's production. The total is comprised of 2.4 million boxes of the early varieties (Fallglo and Sunburst) and 2.0 million boxes of the later maturing Honey variety. All tangerine bearing trees are estimated to be 1.75 million, down 4 percent from last season.

Tangelos 1.2 Million Boxes

The forecast of tangelos is carried forward at 1.2 million boxes, 4 percent more than last season's production. Tangelo bearing trees are estimated to be 500 thousand, down 5 percent from last season.

Weather and Field Conditions

High temperatures during October were in the mid 80s to low 90s. Rainfall was moderate across the citrus producing region for most of the month, ranging from one to two inches in some areas to none at all in others. The citrus growing region remains drought free. Application of fall miticide and herbicide, young tree care, and general grove maintenance are the primary grove activities at this time.

Crop Progress

The harvest season in October continued with the picking of Ambersweet, Navel, and Hamlin oranges; colored grapefruit; and Fallglo and Sunburst tangerines. Fruit being harvested is primarily for the fresh market. By the end of October, eight processing plants were open and 36 packinghouses were shipping fruit. According to the Citrus Administrative Committee's Utilization Report No. 4, through November 4, 2012, less than 1 percent of the early and midseason oranges, 21 percent of the Navels, 8 percent of all grapefruit, and 33 percent of early tangerines have been certified.

FCOJ Yield 1.61 Gallons per Box

The projection for frozen concentrated orange juice (FCOJ) is carried over from October and remains at 1.61 gallons per box of 42° Brix concentrate. Last season's final yield for all oranges was 1.628480 gallons per box, as reported by the Florida Department of Citrus. Projections for the components will be published in January. Record yields are 1.597195 gallons per box for the early-midseason category in 2008-2009 and 1.790343 gallons per box for Valencias which occurred in 2007-2008. The record yield for all oranges is 1.672737, set in 2007-2008. All projections of yield assume the processing relationships this season will be similar to those of the past several seasons.

Estimates of Production by Marketing Districts

Production forecasts for Florida oranges and grapefruit have been divided among marketing districts for this report. Comparisons are shown to the 2011-2012 production in the table below. Marketing District II is the legally defined Indian River District along the East Coast. Marketing District III (Gulf) includes the counties of Charlotte, Collier, Glades, Hendry, and Lee. Marketing District I (Florida SunRidge) includes all other citrus-producing counties.

Citrus Production and Prorated Forecast, by Marketing District – 2011-2012 and 2012-2013

[Based on tree populations. The possible differences between growing areas, concerning average fruit size, loss from droppage, and harvest patterns can alter the prorated estimates]

Marketing District	Oranges				Seedless Grapefruit			
	Non-Valencia		Valencia		White		Colored	
	2011-2012	2012-2013	2011-2012	2012-2013	2011-2012	2012-2013	2011-2012	2012-2013
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
Indian River	2,500	2,100	3,100	4,200	4,000	4,400	9,100	10,100
Gulf.....	15,900	15,800	19,700	23,900	200	300	1,500	1,800
Florida SunRidge.....	55,800	56,100	49,600	51,900	1,150	1,100	2,900	2,600
Florida Total.....	74,200	74,000	72,400	80,000	5,350	5,800	13,500	14,500

Maturity

Regular bloom fruit samples were collected from groves on established routes in Florida's five major citrus producing areas and tested October 31, 2012 through November 2, 2012. Compared to last season, acid levels are higher for all fruit types except early oranges and solids (Brix) are lower for all fruit types. The result is lower ratios for all fruit types this season compared to November of last season. Unfinished juice per box is lower for late oranges and colored grapefruit and solids per box is lower on all types this season.

Fruit from the Indian River has higher acid and solids (Brix) levels on all fruit types except early oranges. Unfinished juice per box is higher only on early and late oranges in fruit from the Indian River, while solids per box is higher on early and late oranges and white grapefruit.

Citrus Unadjusted Maturity Tests — Florida: 2011-2012 and 2012-2013

[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	
	2011-2012	2012-2013	2011-2012	2012-2013	2011-2012	2012-2013	2011-2012	2012-2013	2011-2012	2012-2013
	(percent)	(percent)	(percent)	(percent)			(pounds)	(pounds)	(pounds)	(pounds)
ORANGES										
Early (119-119)										
Sep 1.....	1.38	1.24	9.58	9.37	7.02	7.69	44.96	46.43	4.30	4.35
Oct 1.....	0.97	0.98	9.90	9.49	10.35	9.88	49.61	47.47	4.91	4.51
Nov 1.....	0.77	0.76	10.46	10.25	14.08	13.71	50.70	51.38	5.30	5.27
Midseason (55-55)										
Sep 1.....	1.54	1.41	9.38	9.35	6.21	6.77	45.85	45.84	4.30	4.28
Oct 1.....	1.11	1.19	9.84	9.57	9.00	8.24	49.90	48.79	4.91	4.67
Nov 1.....	0.88	0.92	10.57	10.46	12.28	11.69	51.80	52.07	5.48	5.45
Late (150-150)										
Sep 1.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oct 1.....	2.09	2.16	8.92	8.81	4.32	4.17	48.57	45.00	4.33	3.97
Nov 1.....	1.53	1.69	9.45	9.29	6.32	5.60	51.56	51.32	4.87	4.77
GRAPEFRUIT										
White Seedless (48-47)										
Sep 1.....	1.63	1.53	10.17	9.92	6.27	6.50	33.79	35.02	3.44	3.47
Oct 1.....	1.37	1.44	9.90	9.83	7.29	6.83	38.54	36.32	3.82	3.57
Nov 1.....	1.32	1.33	10.29	9.89	7.85	7.48	41.68	42.68	4.29	4.22
Colored Seedless (48-49)										
Sep 1.....	1.62	1.52	10.18	10.16	6.31	6.70	35.95	35.45	3.66	3.60
Oct 1.....	1.38	1.41	10.19	10.03	7.42	7.12	39.43	37.62	4.02	3.77
Nov 1.....	1.31	1.34	10.41	9.99	8.02	7.52	42.48	41.84	4.43	4.18

(NA) Not available.

Citrus Maturity Test Averages, by Areas — Florida: November 1, 2011-2012 and 2012-2013

Fruit type (number of groves) test date	Acid		Solids (Brix)		Ratio		Unfinished juice per box		Solids per box	
	2011-2012	2012-2013	2011-2012	2012-2013	2011-2012	2012-2013	2011-2012	2012-2013	2011-2012	2012-2013
	(percent)	(percent)	(percent)	(percent)			(pounds)	(pounds)	(pounds)	(pounds)
ORANGES										
Early										
Indian River (9-9).....	0.76	0.73	10.48	10.09	14.14	13.99	52.29	52.80	5.48	5.35
Other Areas (110-110).....	0.77	0.76	10.45	10.26	14.07	13.69	50.57	51.27	5.29	5.26
Midseason										
Indian River (11-11).....	0.98	0.93	10.62	10.55	10.99	11.51	54.09	49.90	5.73	5.27
Other Areas (44-44).....	0.86	0.91	10.56	10.44	12.60	11.73	51.23	52.61	5.41	5.49
Late										
Indian River (27-27).....	1.70	1.78	9.65	9.36	5.76	5.30	50.60	51.48	4.88	4.81
Other Areas (123-123).....	1.49	1.67	9.40	9.27	6.45	5.67	51.77	51.28	4.87	4.76
GRAPEFRUIT										
White Seedless										
Indian River (36-38).....	1.33	1.34	10.36	10.04	7.84	7.50	42.03	42.29	4.35	4.25
Other Areas (12-9).....	1.29	1.26	10.10	9.28	7.87	7.39	40.64	44.32	4.09	4.11
Colored Seedless										
Indian River (39-40).....	1.33	1.37	10.51	10.03	7.96	7.39	43.02	41.47	4.52	4.15
Other Areas (9-9).....	1.21	1.21	9.99	9.83	8.32	8.13	40.15	43.45	4.02	4.27

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

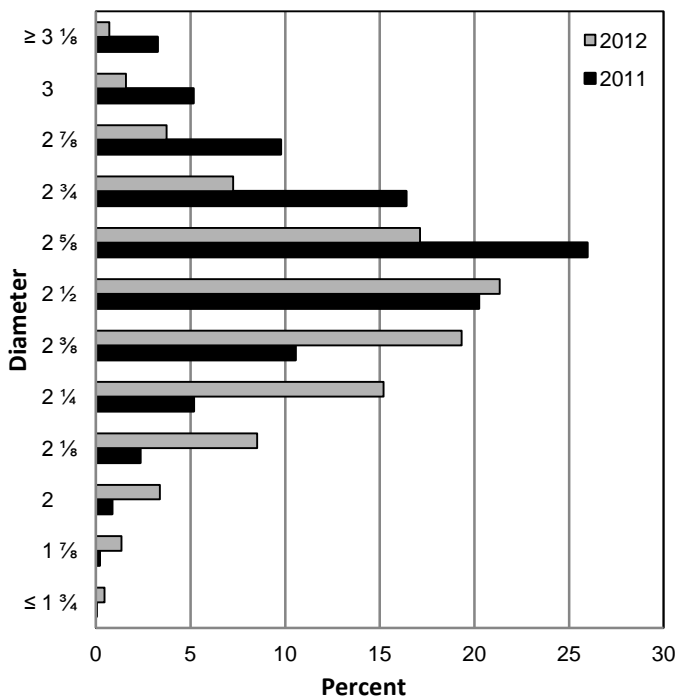
Type and number of fruit per 4/5 – bushel containers	2010	2011	2012	Type and number of fruit per 4/5 – bushel containers	2010	2011	2012
	(percent)	(percent)	(percent)		(percent)	(percent)	(percent)
NON-VALENCIA ORANGES ¹				WHITE GRAPEFRUIT ²			
64 or less	0.2	2.0	0.5	32 or less	3.3	7.3	2.2
80	2.2	10.6	3.4	36	10.1	15.2	8.0
100	13.4	33.5	16.3	40	14.4	15.2	9.9
125	35.0	34.7	31.6	48	20.5	17.6	12.8
163 or more	49.2	19.2	48.2	56	17.0	13.7	12.9
				63 or more	34.7	31.0	54.2
NAVEL ORANGES				COLORED GRAPEFRUIT			
64 or less	21.5	42.4	30.0	32 or less	1.5	6.9	0.8
80	39.4	35.8	29.6	36	7.5	12.7	3.3
100	29.3	18.1	23.0	40	10.7	15.6	8.1
125	7.5	2.9	10.3	48	16.9	18.0	13.5
163 or more	2.3	0.8	7.1	56	15.6	13.6	12.9
				63 or more	47.8	33.2	61.4
VALENCIA ORANGES				FALLGLO TANGERINES			
64 or less	0.3	1.4	0.8	80 or less	12.5	90.0	-
80	3.2	12.7	5.1	100	20.0	5.0	28.0
100	16.5	36.4	21.7	120	42.5	5.0	35.0
125	35.8	32.7	34.8	176	10.0	-	10.0
163 or more	44.2	16.8	37.6	210 or more	15.0	-	27.0
TANGELOS				SUNBURST TANGERINES			
80 or less	5.6	28.5	11.2	100 or less	1.6	33.7	12.1
100	14.6	35.4	20.2	120	5.0	29.7	18.2
120	27.4	21.7	28.4	176	12.8	16.6	19.5
156 or more	52.4	14.4	40.2	210 or more	80.6	20.0	50.2

- Represents zero.

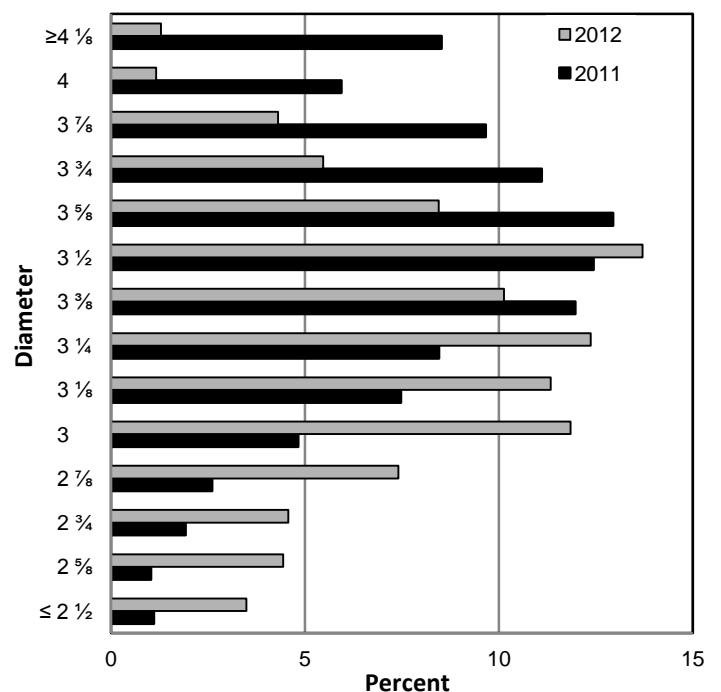
¹ Excludes Navels and Temples.

² Excludes seedy.

Fruit Size Frequency Measurements, Non-Valencia Oranges ¹, by Diameter - Florida: October



Fruit Size Frequency Measurements, Colored Grapefruit, by Diameter - Florida: October



¹ Excludes Navels and Temples.