



CITRUS JANUARY FORECAST

MATURITY TEST RESULTS AND FRUIT SIZE

Cooperating with the Florida Department of Agriculture & Consumer Services
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January 12, 2011

All Orange Production Down 2 Percent from December
Non-Valencia Orange Production Down 1 Percent
Valencia Orange Production Down 3 Percent
All Grapefruit Production Unchanged
All Tangerine Production Down 5 Percent
Tangelo Production Down 9 Percent
FCOJ Yield Unchanged

FORECAST DATES	–	2010-2011 SEASON
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February 9, 2011	May 11, 2011
March 10, 2011	June 9, 2011
April 8, 2011	July 12, 2011

The reduction in the Navel forecast has been corrected to read 400,000 boxes, replacing 200,000 boxes as previously printed.

Citrus Production by Type and State – United States

Crop and State	Production			2010-2011 Forecast	
	2007-2008 (1,000 boxes)	2008-2009 (1,000 boxes)	2009-2010 (1,000 boxes)	December (1,000 boxes)	January (1,000 boxes)
Non-Valencia Oranges ¹					
Florida	83,500	84,600	68,600	68,000	67,000
California	45,000	34,500	42,500	46,500	46,500
Texas	1,600	1,300	1,360	1,400	1,360
Arizona ²	230	150			
United States.....	130,330	120,550	112,460	115,900	114,860
Valencia Oranges					
Florida	86,700	77,900	65,000	75,000	73,000
California	17,000	12,000	14,000	14,000	14,000
Texas	196	159	275	290	280
Arizona ²	150	100			
United States.....	104,046	90,159	79,275	89,290	87,280
All Oranges					
Florida	170,200	162,500	133,600	143,000	140,000
California	62,000	46,500	56,500	60,500	60,500
Texas	1,796	1,459	1,635	1,690	1,640
Arizona ²	380	250			
United States.....	234,376	210,709	191,735	205,190	202,140
Grapefruit					
Florida-All	26,600	21,700	20,300	19,600	19,600
White.....	9,000	6,600	6,000	5,600	5,600
Colored.....	17,600	15,100	14,300	14,000	14,000
California	5,200	4,800	4,200	3,800	3,500
Texas	6,000	5,500	5,600	5,500	5,700
Arizona ²	100	25			
United States.....	37,900	32,025	30,100	28,900	28,800
Lemons					
California	14,800	21,000	20,500	21,000	21,000
Arizona	1,500	3,000	2,200	2,700	2,500
United States.....	16,300	24,000	22,700	23,700	23,500
Tangelos					
Florida.....	1,500	1,150	900	1,100	1,000
Tangerines					
Florida-All	5,500	3,850	4,450	4,400	4,200
Early ³	2,600	2,550	2,250	2,600	2,400
Honey	2,900	1,300	2,200	1,800	1,800
California ⁴	6,700	6,700	9,900	10,000	9,600
Arizona ⁴	400	250	350	300	300
United States.....	12,600	10,800	14,700	14,700	14,100

¹ Early, midseason, Navel, and Temple varieties.

³ Fallglo and Sunburst varieties.

² Estimates discontinued beginning with the 2009-2010 crop year.

⁴ 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 is 140.0 million boxes, down 2 percent from December but nearly 5 percent more than last season's production. The total is comprised of 67.0 million boxes of non-Valencia oranges (early, midseason, Navel, and Temple varieties) and 73.0 million boxes of Valencia oranges. The Navel forecast is 2.4 million boxes, 3.6 percent of the non-Valencia total. 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 January forecast has deviated from final production by an average of 2.2 percent with 5 seasons above and 3 below, with differences ranging from 3 percent below to 9 percent above. All references to "average" or "minimum" refer to the previous 8 non-hurricane seasons unless noted.

Several days of sub-freezing temperatures were recorded during the month of December throughout the citrus producing region of Florida. Regularly scheduled surveys were conducted in December to measure internal quality, size of fruit, fruit droppage, and percentage of the citrus crop harvested and the results are included in this report. The effect of the severe weather continues to be assessed with scheduled surveys. Results will be made available in future reports to determine the extent of damage to the citrus crop.

Non-Valencia Oranges 67.0 Million Boxes

The forecast of non-Valencia production is reduced by 1.0 million boxes to 67.0 million boxes. Final fruit size is the smallest in any non-disaster season and droppage is above the minimum but below average. The Navel forecast, included in the non-Valencia forecast, is reduced 400,000 boxes to 2.4 million boxes. The Navel size is the smallest and the droppage is the lowest recorded in a series which began in the 1986-1987 season.

Valencia Oranges 73.0 Million Boxes

The forecast of Valencia production is reduced by 2.0 million boxes to 73.0 million boxes. Fruit size continues to be smaller than last season and final size is projected below the minimum. Current droppage is near minimum and projected to be below average.

All Grapefruit 19.6 Million Boxes

The forecast of all grapefruit production remains unchanged from December's forecast of 19.6 million boxes. The white grapefruit remains unchanged at 5.6 million boxes. The colored grapefruit forecast of 14.0 million boxes remains unchanged. White grapefruit droppage is expected to be above average while sizes will be near the minimum. Colored grapefruit size continues to be below minimum.

All Tangerines 4.2 Million Boxes

The forecast of all tangerine production is reduced 200 thousand boxes to 4.2 million boxes due to decreased utilization. The reduction is in the early tangerine forecast (Fallglo and Sunburst), now 2.4 million boxes. The Honey tangerine forecast of 1.8 million boxes remains unchanged.

Tangelos 1.0 Million Boxes

The forecast of tangelo production is reduced 100 thousand boxes to 1.0 million boxes due to current utilization and a decline in weekly certifications. Tangelo size and droppage measurements are final for the season. The final droppage rate is the lowest in a series dating back to 1961. It will require approximately 298 pieces of fruit to fill a 1 3/5 bushel box of tangelos.

FCOJ Yield 1.61 Gallons per Box

The projection for frozen concentrated orange juice (FCOJ) remains 1.61 gallons per box of 42° Brix concentrate. Initial component projections are 1.52 gallons per box for non-Valencia oranges and 1.70 for the Valencias. Last season's final yields as reported by the Florida Department of Citrus are: all oranges, 1.559667 gallons per box; non-Valencia, 1.511083; and Valencia, 1.625245.

Forecast Components, by Variety — Florida: January 2011

[Survey data is considered final in December for Navels, January for grapefruit and early-midseason oranges, and April for Valencias]

Type	Bearing trees (1,000 trees)	Fruit per tree (number)	Droppage (percent)	Fruit per box (number)
ORANGES				
Early-midseason.....	24,093	934	7	280
Navel.....	1,057	491	7	143
Valencia.....	33,122	598	14	229
GRAPEFRUIT				
White.....	1,316	479	12	100
Colored.....	3,517	449	10	112

Maturity

Regular bloom fruit samples were collected from groves on established routes December 27-28 in Florida's five major citrus producing areas and tested December 29-30. Unfinished juice per box was down from the previous month for all types and, in all areas throughout the state. The remaining comparisons are made to January of 2010. Acid levels are higher for all type oranges. Brix percentages are lower for early and midseason orange and higher for Valencias. All orange varieties had lower ratios, unfinished juice per box and solids per box. Indian River acid levels are higher with lower ratios, unfinished juice and solids per box for all orange types.

Citrus Unadjusted Maturity Tests — Florida: 2009-2010 and 2010-2011

[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 .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	
	2009-2010 (percent)	2010-2011 (percent)	2009-2010 (percent)	2010-2011 (percent)	2009-2010	2010-2011	2009-2010 (pounds)	2010-2011 (pounds)	2009-2010 (pounds)	2010-2011 (pounds)
ORANGES										
Early (81-87)										
Sep 1.....	1.56	1.70	9.28	9.21	6.06	5.49	42.18	41.20	3.91	3.79
Oct 1.....	1.16	1.27	9.32	9.56	8.18	7.62	46.44	45.82	4.33	4.38
Nov 1.....	0.87	0.97	10.36	10.47	12.14	10.97	49.42	50.12	5.11	5.24
Dec 1.....	0.74	0.83	11.13	11.23	15.41	13.69	50.77	50.14	5.65	5.63
Jan 1.....	0.73	0.82	11.78	11.68	16.40	14.44	50.35	48.25	5.93	5.64
Midseason (42-46)										
Sep 1.....	1.74	2.01	9.24	9.35	5.39	4.83	42.20	40.77	3.90	3.80
Oct 1.....	1.33	1.56	9.25	9.39	7.10	6.10	47.51	45.39	4.40	4.26
Nov 1.....	1.00	1.14	10.28	10.32	10.51	9.24	51.37	48.97	5.28	5.05
Dec 1.....	0.85	0.95	11.10	11.29	13.31	12.23	51.56	50.09	5.72	5.66
Jan 1.....	0.78	0.92	11.88	11.86	15.38	13.12	51.58	49.19	6.13	5.84
Late (150-148)										
Sep 1.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oct 1.....	2.41	2.56	8.86	8.95	3.73	3.52	43.46	43.83	3.85	3.92
Nov 1.....	1.86	2.01	9.32	9.67	5.07	4.86	48.08	48.85	4.48	4.72
Dec 1.....	1.52	1.62	10.22	10.42	6.83	6.51	50.91	51.47	5.20	5.36
Jan 1.....	1.30	1.49	10.89	11.05	8.50	7.47	53.03	50.97	5.77	5.63

NA Not available.

Citrus Maturity Test Averages, by Areas — Florida: January 1, 2009-2010 and 2010-2011

Fruit type (number of groves)	Acid		Solids (Brix)		Ratio		Unfinished juice per box		Solids per box	
	2009-2010 (percent)	2010-2011 (percent)	2009-2010 (percent)	2010-2011 (percent)	2009-2010	2010-2011	2009-2010 (pounds)	2010-2011 (pounds)	2009-2010 (pounds)	2010-2011 (pounds)
ORANGES										
Early										
Indian River (8-6).....	0.76	0.87	12.07	12.28	16.07	14.32	51.51	49.79	6.20	6.11
Other Areas (73-81).....	0.72	0.82	11.75	11.64	16.44	14.45	50.23	48.14	5.90	5.60
Midseason										
Indian River (10-11).....	0.84	0.97	11.95	11.95	14.39	12.56	52.97	48.75	6.34	5.82
Other Areas (32-35).....	0.77	0.90	11.85	11.83	15.69	13.29	51.15	49.32	6.06	5.84
Late										
Indian River (27-27).....	1.32	1.59	11.10	11.46	8.45	7.27	53.69	50.77	5.96	5.82
Other Areas (23-121).....	1.29	1.47	10.84	10.96	8.51	7.51	52.88	51.01	5.73	5.59

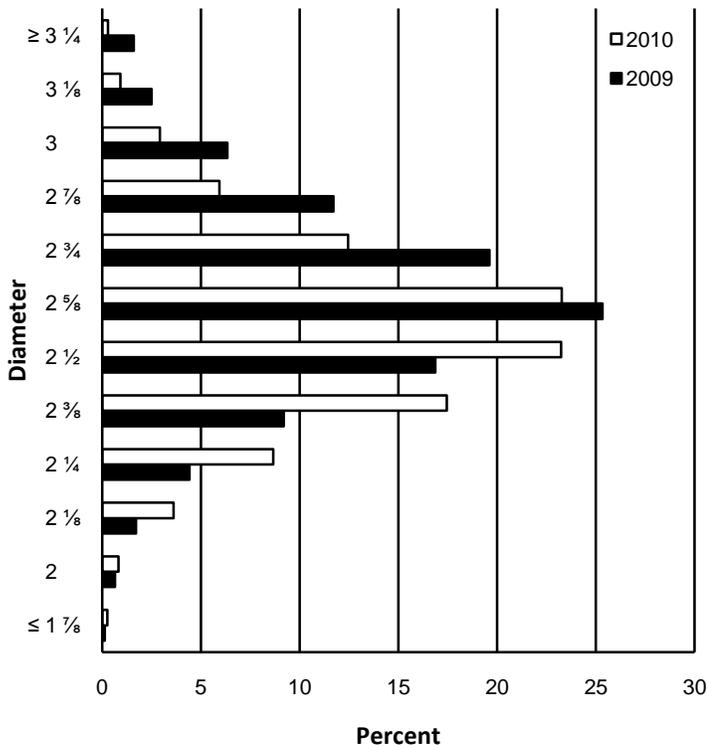
Citrus Size Frequency Measurement Distributions, by Type — Florida: December

Type and number of fruit per 4/5 – bushel containers	2008	2009	2010	Type and number of fruit per 4/5 – bushel containers	2008	2009	2010
	(percent)	(percent)	(percent)		(percent)	(percent)	(percent)
EARLY AND MIDSEASON ORANGES ¹				WHITE GRAPEFRUIT ²			
64 or less	2.4	2.4	0.8	32 or less	18.3	12.0	7.2
80	10.5	13.3	6.0	36	25.7	21.6	19.6
100	31.7	37.3	24.8	40	20.4	19.1	17.7
125	36.1	30.9	37.6	48	17.8	19.6	19.0
163 or more	19.3	16.1	30.8	56	8.1	10.8	13.9
				63 or more	9.7	16.9	22.6
VALENCIA ORANGES				COLORED GRAPEFRUIT			
64 or less	2.6	3.3	1.8	32 or less	13.6	4.7	3.4
80	19.0	18.9	10.3	36	19.1	10.1	11.5
100	43.9	40.2	33.1	40	17.5	16.0	13.6
125	26.7	25.0	34.2	48	20.1	22.2	19.8
163 or more	7.8	12.6	20.6	56	12.6	15.1	16.6
				63 or more	17.1	31.9	35.1
HONEY TANGERINES							
80 or less	21.6	20.5	9.6				
100	36.1	31.1	27.0				
120	23.8	24.5	34.5				
176	7.4	9.8	11.9				
210 or more	11.1	14.4	17.0				

¹ Excludes Navels and Temples.

² Excludes seedy.

Fruit Size Frequency Measurements, Early-midseason Orange, by Diameter - Florida: December



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

