

United States Department of Agriculture National Agricultural Statistics Service

DECEMBER FORECAST



CITRUS MATURITY TEST RESULTS AND FRUIT SIZE

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December 9, 2011

All Orange Production Up 2 Percent from October **Non-Valencia Orange Production Up 1 Percent** Valencia Orange Production Up 3 Percent **All Grapefruit Production Down 3 Percent All Tangerine Production Down 4 Percent Tangelo Production Unchanged** FCOJ Yield Unchanged at 1.60 Gallons per Box (42° Brix)

FORECAST DATES	2011-2012 SEASON
January 12, 2012	April 10, 2012
February 9, 2012	May 10, 2012
March 9, 2012	June 12, 2012
July 1	1 2012

Citrus Production by Type and State – United States

Crop and State	-	Production	2011-2012 Forecast			
Crop and State	2008-2009	2009-2010	2010-2011	October	December	
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	
Non-Valencia Oranges ¹						
Florida	84,600	68,600	70,300	74,000	75,000	
California ²	34,500	42,500	48,000	44,000	44,000	
Texas ²	1,300	1,360	1,700	1,380	1,380	
Arizona ³	150					
United States	120,550	112,460	120,000	119,380	120,380	
Valencia Oranges						
Florida	77,900	65,100	70,000	73,000	75,000	
California ²	12,000	15,000	13,500	13,500	13,500	
Texas ²	159	275	249	329	329	
Arizona ³	100	00.075	00740			
United States	90,159	80,375	83,749	86,829	88,829	
All Oranges	400 500	400 700	440.000	447.000	450.000	
Florida California ²	162,500	133,700	140,300	147,000	150,000	
Texas ²	46,500	57,500 1,635	61,500 1,949	57,500 1,709	57,500 1,709	
Arizona ³	1,459 250	1,033	1,949	1,709	1,709	
United States	210,709	192,835	203,749	206,209	209,209	
Grapefruit	210,709	192,000	203,749	200,209	209,209	
<u>=</u>	04 700	20.200	40.750	20.400	40 400	
Florida-All	21,700	20,300	19,750	20,100	19,400	
White	6,600	6,000	5,850	5,600	5,400	
Colored	15,100	14,300	13,900	14,500	14,000	
California ²	4,800	4,500	4,100	3,400	3,400	
Texas ²	5,500	5,600	6,300	5,100	5,100	
Arizona ³	25					
United States	32,025	30,400	30,150	28,600	27,900	
Lemons ²						
California	21,000	21,000	21,000	20,000	20,000	
Arizona	3,000	2,200	2,500	800	800	
United States	24,000	23,200	23,500	20,800	20,800	
Tangelos	_ ,,	,	,	,	,	
Florida	1,150	900	1,150	1,100	1,100	
Tangerines	1,100	000	1,100	1,100	1,100	
Florida-All	3,850	4,450	4,650	4,700	4,500	
Early ⁴	2,550	2,250	2,600	2,500	2,400	
<u> - </u>						
Honey	1,300	2,200	2,050	2,200	2,100	
California ²⁵	6,700	9,900	9,900	10,300	10,300	
Arizona ²⁵	250	350	300	200	200	
United States	10,800	14,700	14,850	15,200	15,000	

Early, midseason, Navel, and Temple varieties.

² Estimates carried forward from October.

Estimates discontinued beginning with the 2009-2010 crop year.
 Fallglo and Sunburst varieties.
 Includes tangelos and tangors.

All Oranges 150.0 Million Boxes

The 2011-2012 Florida all orange forecast released today by the USDA Agricultural Statistics Board is 150.0 million boxes, up 2 percent from October and 7 percent more than last season's production. The total is comprised of 75.0 million boxes each of the non-Valencia oranges (early, midseason, Navel, and Temple varieties) and Valencia oranges. The Navel orange forecast is reduced to 2.5 million boxes, 3 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 December forecast has deviated from final production by an average of 3 percent with 6 seasons above and 2 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.

Non-Valencia Oranges 75.0 Million Boxes

The forecast of non-Valencia production is raised by 1.0 million boxes to 75.0 million boxes. Current size and droppage are close to the maximums and projected to be near the maximums at harvest. The Navel forecast, included in the non-Valencia forecast, is reduced by 200 thousand boxes to 2.5 million boxes. Final Navel size is near average but final droppage has exceeded the projection and is the highest in any non-hurricane season since 1994-1995.

Valencia Oranges 75.0 Million Boxes

The forecast of Valencia production is raised by 2.0 million boxes to 75.0 million boxes. Current fruit size is larger than in the past 7 seasons and is projected to continue above average. Current droppage continues above average and is projected to be final above average.

All Grapefruit 19.4 Million Boxes

The forecast of all grapefruit production is reduced by 700 thousand boxes to 19.4 million boxes. The white grapefruit forecast is reduced by 200 thousand boxes to 5.4 million boxes. The colored grapefruit forecast is reduced 500 thousand boxes to 14.0 million boxes. White grapefruit current fruit size is below average and droppage is above the maximum. Colored grapefruit fruit size is tracking close to average and current drop is above the maximum. Droppage is projected to above average at harvest for all varieties.

All Tangerines 4.5 Million Boxes

The forecast of all tangerine production is reduced 200 thousand boxes to 4.5 million boxes. The early tangerine forecast (Fallglo and Sunburst) is now 2.4 million boxes. The forecast of the later maturing Honey variety is reduced 100 thousand boxes to 2.1 million boxes. The decrease in early tangerines is based on Fallglo utilization and near record high droppage for the Sunburst variety which offset the above average fruit size. Honey fruit size is about average while the droppage rate is near the maximum. Both are projected to continue this relationship until harvest.

Tangelos 1.1 Million Boxes

The forecast of tangelo production remains unchanged from the initial forecast of 1.1 million boxes. Tangelo size and droppage measurements are above average and final for the season. Approximately 227 pieces of fruit are required to fill a 1 3/5 bushel box.

FCOJ Yield 1.60 Gallons per Box

The projection for frozen concentrated orange juice (FCOJ) remains 1.60 gallons per box of 42° Brix concentrate. Last season's final yield for all oranges was 1.586081 gallons per box, as reported by the Florida Department of Citrus. Yield projections for the early-midseason and late components will be published in January.

Maturity

Regular bloom fruit samples were collected on November 28-29 from groves on established routes in Florida's five major citrus producing areas and tested November 30 through December 2. All comparisons are made to December 1, 2010. Although solids (Brix) levels vary, acid levels are lower for all fruit types resulting in higher ratios. Unfinished juice per box is higher for all varieties. Solids per box are higher for the orange varieties but lower for the grapefruit. Indian River grapefruit has higher acid and Brix levels resulting in lower ratios than the other areas. Unfinished juice per box and solids per box are higher for colored varieties but lower for white grapefruit in the Indian River District.

Forecast Components, by Variety — Florida: December 2011

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

Туре	Bearing trees	Fruit per tree	Droppage	Fruit per box	
	(1,000 trees)	(number)	(percent)	(number)	
ORANGES					
Early-midseason	23,909	919	12	229	
Navel	1,046	481	17	137	
Valencia	32,467	567	16	201	
GRAPEFRUIT	•				
White	1,377	443	15	96	
Colored	3,486	430	15	100	

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)	Ad	cid		lids rix)	Ra	tio		ned juice box		ids box
test date	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)
ORANGES										
Early (116-106)										
Sep 1	1.67	1.38	9.19	9.55	5.55	7.05	41.62	45.09	3.82	4.31
Oct 1	1.25	0.98	9.51	9.91	7.70	10.31	46.02	49.58	4.37	4.91
Nov 1	0.94	0.77	10.43	10.48	11.26	14.02	49.82	50.65	5.19	5.31
Dec 1	0.82	0.71	11.23	11.23	13.96	16.07	49.94	51.56	5.61	5.78
Midseason (54-52)										
Sep 1	2.01	1.54	9.33	9.38	4.82	6.19	40.88	45.69	3.81	4.28
Oct 1	1.56	1.11	9.41	9.83	6.14	9.01	45.77	50.03	4.31	4.92
Nov 1	1.13	0.88	10.36	10.54	9.36	12.21	49.13	52.11	5.09	5.50
Dec 1	0.94	0.81	11.33	11.46	12.30	14.42	50.12	53.26	5.68	6.10
Late (149-150)										
Sep 1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oct 1	2.56	2.09	8.95	8.92	3.52	4.32	43.91	48.57	3.93	4.33
Nov 1	2.01	1.53	9.68	9.45	4.86	6.32	48.82	51.56	4.72	4.87
Dec 1	1.62	1.37	10.42	10.31	6.50	7.67	51.48	55.06	5.36	5.68
GRAPEFRUIT										
White Seedless (48-48)										
Sep 1	1.88	1.63	10.19	10.17	5.45	6.27	31.82	33.79	3.24	3.44
Oct 1	1.72	1.37	10.38	9.90	6.05	7.29	35.51	38.54	3.68	3.82
Nov 1	1.58	1.32	10.64	10.29	6.78	7.85	39.81	41.68	4.23	4.29
Dec 1	1.56	1.33	10.73	10.28	6.93	7.80	41.44	42.70	4.45	4.39
Colored Seedless (47-47)										
Sep 1	1.82	1.62	10.33	10.16	5.80	6.30	31.99	35.95	3.30	3.65
Oct 1	1.68	1.37	10.54	10.19	6.32	7.44	36.31	39.39	3.83	4.02
Nov 1	1.58	1.31	10.98	10.41	7.01	8.02	39.97	42.55	4.38	4.43
Dec 1	1.55	1.28	11.45	10.74	7.42	8.42	43.62	44.42	4.99	4.78

(NA) Not available.

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

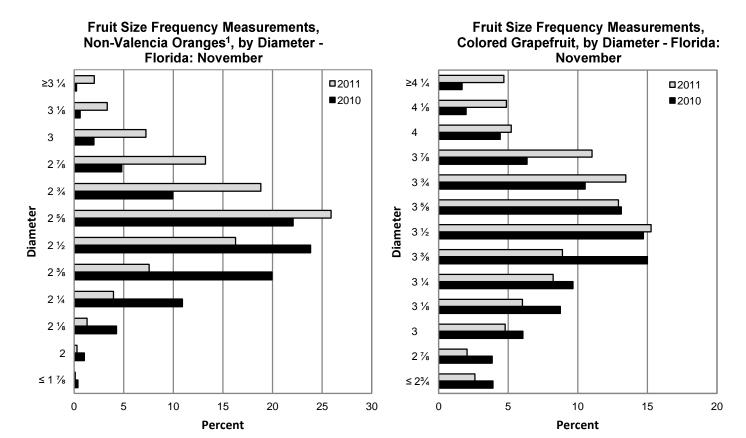
Fruit type	Acid		Solids (Brix)		Ratio		Unfinished juice per box		Solids per box	
(number of groves)	2010-2011	2011-2012	2010-2011	,	2010-2011	2011-2012	2010-2011	2011-2012	2010-2011	2011-2012
-		•			2010-2011	2011-2012				
ODANOS	(percent)	(percent)	(percent)	(percent)			(pounds)	(pounds)	(pounds)	(pounds)
ORANGES										
Early										
Indian River (9-9)		0.71	12.02	11.49	13.49	16.54	49.86	51.92	5.99	5.96
Other Areas (107-97)	0.81	0.71	11.17	11.20	14.00	16.03	49.95	51.53	5.58	5.77
Midseason										
Indian River (11-11)	0.99	0.87	11.49	11.78	11.73	13.72	50.17	54.97	5.76	6.47
Other Areas (43-41)	0.93	0.79	11.29	11.38	12.45	14.61	50.10	52.80	5.66	6.01
Late										
Indian River (27-27)	1.75	1.47	10.76	10.41	6.18	7.24	52.00	54.66	5.59	5.69
Other Areas (122-123)	1.59	1.34	10.34	10.29	6.57	7.77	51.36	55.14	5.31	5.67
GRAPEFRUIT										
White Seedless										
Indian River (38-36)	1.59	1.35	10.82	10.37	6.84	7.69	41.34	42.13	4.48	4.37
Other Areas (10-12)	1.44	1.24	10.36	10.03	7.27	8.12	41.83	44.41	4.33	4.45
Colored Seedless										
Indian River (39-38)	1.59	1.30	11.57	10.82	7.32	8.33	44.20	44.49	5.11	4.82
Other Areas (9-9)	1.40	1.19	10.95	10.42	7.84	8.77	41.20	44.11	4.51	4.59

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

Type and number of fruit per 4/5 – bushel containers	2009	2010	2011	Type — Florida. November Type and number of fruit per 4/5 – bushel containers	2009	2010	2011
	(percent)	(percent)	(percent)		(percent)	(percent)	(percent)
NON-VALENCIA ORANGES 1				WHITE GRAPEFRUIT ²			
64 or less	0.8	0.5	3.5	32 or less	12.7	5.3	10.1
80	7.2	4.4	14.8	36	12.8	15.1	16.3
100	30.3	20.5	38.2	40	15.9	17.7	17.5
125	36.1	38.0	30.3	48	18.2	19.9	18.1
163 or more	25.6	36.6	13.2	56	13.5	15.4	11.6
				63 or more	26.9	26.6	26.4
NAVEL ORANGES				COLORED GRAPEFRUIT			
64 or less	46.9	30.4	49.2	32 or less	9.8	2.4	6.2
80	33.8	42.7	33.6	36	9.2	8.8	14.6
100	11.5	20.4	14.5	40	10.7	13.8	18.4
125	5.5	5.1	2.5	48	15.5	18.3	18.7
163 or more	2.3	1.4	0.2	56	14.9	17.5	13.9
				63 or more	39.9	39.2	28.2
VALENCIA ORANGES				HONEY TANGERINES			
64 or less	0.8	1.2	3.6	80 or less	5.5	3.3	12.1
80	8.9	7.0	19.6	100	19.3	15.6	24.7
100	34.3	26.7	38.8	120	29.1	32.9	26.6
125	32.8	37.0	27.0	176	16.0	18.2	12.7
163 or more	23.2	28.1	11.0	210 or more	30.1	30.0	23.9
TANGELOS				SUNBURST TANGERINES			
80 or less	26.6	14.6	45.2	100 or less	25.6	10.7	43.7
100	30.2	31.7	31.7	120	32.2	25.7	22.5
120	23.6	21.7	12.0	176	16.7	22.2	12.1
156 or more	19.6	32.0	11.1	210 or more	25.5	41.4	21.7

¹ Excludes Navel and Temple varieties.

² Excludes seedy.



¹ Excludes Navel and Temple varieties.