United States Department of Agriculture
National Agricultural Statistics Service

CITRUS

JANUARY FORECAST
MATURITY TEST RESULTS AND FRUIT SIZE

Cooperating with the Florida Department of Agriculture & Consumer Services
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January 17, 2012

All Orange Production Down 2 Percent from December
Non-Valencia Orange Production Down 3 Percent
Valencia Orange Production Down 1 Percent
All Grapefruit Production Down 1 Percent
All Tangerine Production Down 2 Percent
Tangelo Production Unchanged
Revised FCOJ Yield 1.62 Gallons per Box (42° Brix)

FORECAST DATES	2011-2012 SEASON
February 9, 2012	May 10, 2012
March 9, 2012	June 12, 2012
April 10, 2012	July 11, 2012

Citrus Production by Type and State – United States

Crop and State	Production			2011-2012 Forecast	
	2008-2009	2009-2010	2010-2011	December	January
	(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**	**75,000**	**73,000**
California	34,500	42,500	48,000	44,000	44,000
Texas	1,300	1,360	1,700	1,380	1,292
Arizona [2]	150				
United States	120,550	112,460	120,000	120,380	118,292
Valencia Oranges					
Florida	**77,900**	**65,100**	**70,000**	**75,000**	**74,000**
California	12,000	15,000	13,500	13,500	13,500
Texas	159	275	249	329	334
Arizona [2]	100				
United States	90,159	80,375	83,749	88,829	87,834
All Oranges					
Florida	**162,500**	**133,700**	**140,300**	**150,000**	**147,000**
California	46,500	57,500	61,500	57,500	57,500
Texas	1,459	1,635	1,949	1,709	1,626
Arizona [2]	250				
United States	210,709	192,835	203,749	209,209	206,126
Grapefruit					
Florida-All	**21,700**	**20,300**	**19,750**	**19,400**	**19,200**
White	**6,600**	**6,000**	**5,850**	**5,400**	**5,200**
Colored	**15,100**	**14,300**	**13,900**	**14,000**	**14,000**
California	4,800	4,500	4,100	3,400	3,300
Texas	5,500	5,600	6,300	5,100	4,977
Arizona [2]	25				
United States	32,025	30,400	30,150	27,900	27,477
Lemons					
California	21,000	21,000	21,000	20,000	19,500
Arizona	3,000	2,200	2,500	800	700
United States	24,000	23,200	23,500	20,800	20,200
Tangelos					
Florida	**1,150**	**900**	**1,150**	**1,100**	**1,100**
Tangerines					
Florida-All	**3,850**	**4,450**	**4,650**	**4,500**	**4,400**
Early [3]	**2,550**	**2,250**	**2,600**	**2,400**	**2,400**
Honey	**1,300**	**2,200**	**2,050**	**2,100**	**2,000**
California [4]	6,700	9,900	9,900	10,300	10,300
Arizona [4]	250	350	300	200	200
United States	10,800	14,700	14,850	15,000	14,900

[1] Early, midseason, Navel, and Temple varieties.
[2] Estimates discontinued beginning with the 2009-2010 crop year.
[3] Fallglo and Sunburst varieties.
[4] Includes tangelos and tangors.

All Oranges 147.0 Million Boxes

The 2011-2012 Florida all orange forecast released today by the USDA Agricultural Statistics Board is 147.0 million boxes, down 2 percent from last month's forecast, but 5 percent more than last season's production. The total is comprised of 73.0 million boxes of the non-Valencia oranges (early, midseason, Navel, and Temple varieties) and 74.0 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 January forecast has deviated from final production by an average of 2 percent with 4 seasons above and 4 below, with differences ranging from 3 percent below to 9 percent above. All references to "average", "minimum" or "maximum" refer to the previous 8 non-hurricane seasons unless noted.

Non-Valencia Oranges 73.0 Million Boxes

The forecast of non-Valencia production is reduced by 2.0 million boxes to 73.0 million boxes. Final fruit size is higher than average but below the previous projection, requiring an additional 6 pieces of fruit to fill a 90-pound box. Final droppage is higher than the maximum used in the regression. The Navel forecast, included in the non-Valencia forecast, is 2.6 million boxes, 4 percent of the non-Valencia total. The Row Count survey, conducted January 3-4, 2012 showed over 80 percent of Navel rows and nearly 50 percent of the other non-Valencia rows harvested.

Valencia Oranges 74.0 Million Boxes

The forecast of Valencia production is lowered by 1.0 million boxes to 74.0 million boxes. Current fruit size is just above average and is projected to continue above average although below the previous projection. With the decreased size projection, an additional 5 pieces of fruit would be required to fill a 90-pound box. Current droppage continues just above average and is projected to be above average at harvest.

All Grapefruit 19.2 Million Boxes

The forecast of all grapefruit production is reduced by 200 thousand boxes to 19.2 million boxes. The reduction is in the white grapefruit, now forecasted at 5.2 million boxes. The colored grapefruit forecast remains unchanged at 14.0 million boxes. White grapefruit current fruit size is below average and droppage continues to be above the maximum of seasons used in the regression. Current fruit size of colored grapefruit is below average but the projected drop is slightly lowered.

All Tangerines 4.4 Million Boxes

The forecast of all tangerine production is reduced 100 thousand boxes to 4.4 million boxes. The early tangerine forecast (Fallglo and Sunburst) remains at 2.4 million boxes. The harvest of Fallglo tangerines is complete and Sunburst tangerine weekly harvest has dropped below 100 thousand boxes. The reduction is in the later maturing Honey variety now forecasted at 2.0 million boxes. The primary reasons for the decrease are the smaller than projected size and higher than projected droppage.

Tangelos 1.1 Million Boxes

The forecast of tangelo production remains unchanged from the initial forecast of 1.1 million boxes. The Row Count survey showed nearly half of the rows harvested. Certified utilization has reached over 500,000 boxes according to the Citrus Administrative Committee's report dated January 1, 2012.

FCOJ Yield Revised to 1.62 Gallons per Box

The FCOJ yield is revised as a result of revisions by the Florida Department of Citrus to Processors Statistical Report Number 13. The projection for frozen concentrated orange juice (FCOJ) is raised to 1.62 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 components are 1.54 gallons per box for non-Valencia oranges and 1.70 for Valencia oranges.

Forecast Components, by Variety — Florida: January 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	Fruit per tree	Droppage	Fruit per box
	(1,000 trees)	(number)	(percent)	(number)
ORANGES				
Early-midseason	23,909	919	13	235
Navel	1,046	481	17	137
Valencia	32,467	567	16	206
GRAPEFRUIT				
White	1,377	443	18	100
Colored	3,486	430	14	103

Maturity

Regular bloom fruit samples were collected from groves on established routes on January 3-4, 2012 in Florida's five major citrus producing areas and tested January 5-6, 2012. Acid levels are lower than the previous season on all orange varieties; solids (Brix) are higher on early and late oranges. The result is higher ratios this season on all orange varieties. Unfinished juice per box this month is up for early and late oranges compared to last month, but higher than the previous season on all orange varieties. Indian River acid levels and solids (Brix) are higher on all orange varieties than in other areas, but all ratios are lower.

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)
ORANGES										
Early (87-60)										
Sep 1	1.70	1.39	9.21	9.56	5.49	6.94	41.20	45.10	3.79	4.31
Oct 1	1.27	0.99	9.56	9.92	7.62	10.12	45.82	49.17	4.38	4.87
Nov 1	0.97	0.81	10.47	10.49	10.97	13.43	50.12	50.43	5.24	5.29
Dec 1	0.83	0.73	11.23	11.23	13.69	15.66	50.14	51.30	5.63	5.76
Jan 1	0.82	0.68	11.68	11.94	14.44	17.82	48.25	51.76	5.64	6.18
Midseason (46-40)										
Sep 1	2.01	1.53	9.35	9.36	4.83	6.22	40.77	45.89	3.80	4.29
Oct 1	1.56	1.12	9.39	9.78	6.10	8.92	45.39	49.79	4.26	4.87
Nov 1	1.14	0.90	10.32	10.51	9.24	12.04	48.97	52.50	5.05	5.52
Dec 1	0.95	0.81	11.29	11.48	12.23	14.37	50.09	53.30	5.66	6.12
Jan 1	0.92	0.75	11.86	11.75	13.12	15.76	49.19	52.17	5.84	6.14
Late (148-150)										
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	43.83	48.57	3.92	4.33
Nov 1	2.01	1.53	9.67	9.45	4.86	6.32	48.85	51.56	4.72	4.87
Dec 1	1.62	1.37	10.42	10.31	6.51	7.67	51.47	55.06	5.36	5.68
Jan 1	1.49	1.17	11.05	11.37	7.47	9.88	50.97	55.83	5.63	6.35

(NA) Not available.

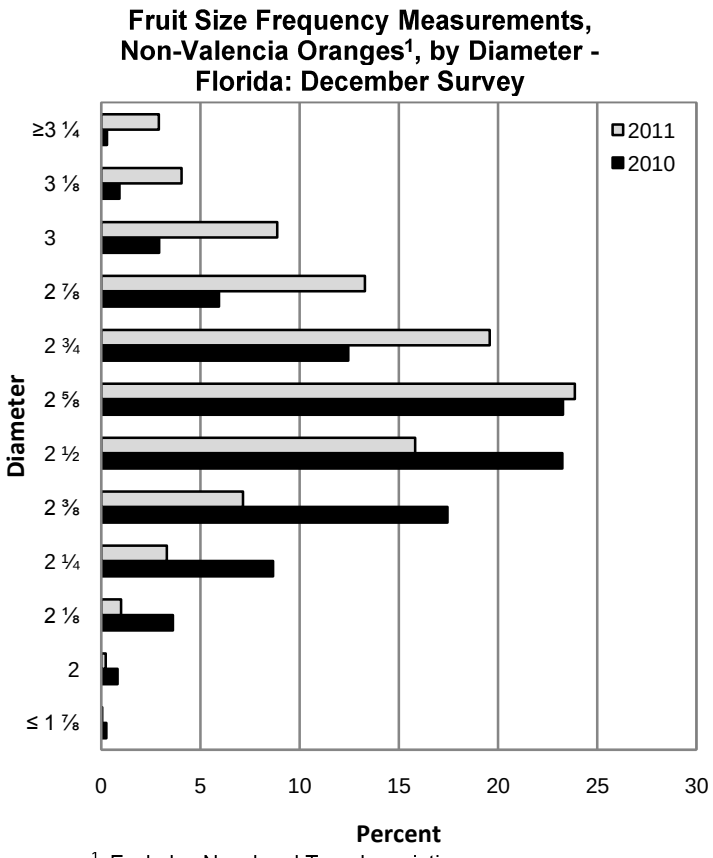
Citrus Maturity Test Averages, by Areas — Florida: January 1, 2010-2011 and 2011-2012

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)
ORANGES										
Early										
Indian River (6-6)	0.87	0.73	12.28	11.94	14.32	16.97	49.79	49.91	6.11	5.97
Other Areas (81-54)	0.82	0.67	11.64	11.93	14.45	17.92	48.14	51.97	5.60	6.20
Midseason										
Indian River (11-11)	0.97	0.82	11.95	12.19	12.56	15.10	48.75	52.19	5.82	6.39
Other Areas (35-29)	0.90	0.73	11.83	11.58	13.29	16.00	49.32	52.16	5.84	6.05
Late										
Indian River (27-27)	1.59	1.23	11.46	11.75	7.27	9.72	50.77	55.47	5.82	6.51
Other Areas (121-123)	1.47	1.16	10.96	11.28	7.51	9.92	51.01	55.91	5.59	6.31

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

Type and number of fruit per 4/5 – bushel containers	2009	2010	2011
	(percent)	(percent)	(percent)
NON-VALENCIA ORANGES [1]			
64 or less	2.4	0.8	4.4
80	13.3	6.0	17.4
100	37.3	24.8	37.7
125	30.9	37.6	28.8
163 or more	16.1	30.8	11.7
VALENCIA ORANGES			
64 or less	3.3	1.8	5.5
80	18.9	10.3	24.7
100	40.2	33.1	38.7
125	25.0	34.2	23.2
163 or more	12.6	20.6	7.9
HONEY TANGERINES			
80 or less	20.5	9.6	23.8
100	31.1	27.0	27.5
120	24.5	34.5	22.4
176	9.8	11.9	11.1
210 or more	14.1	17.0	15.2
WHITE GRAPEFRUIT [2]			
32 or less	12.0	7.2	11.5
36	21.6	19.6	18.5
40	19.1	17.7	18.8
48	19.6	19.0	15.6
56	10.8	13.9	11.3
63 or more	16.9	22.6	24.3
COLORED GRAPEFRUIT			
32 or less	4.7	3.4	8.9
36	10.1	11.5	13.5
40	16.0	13.6	15.7
48	22.2	19.8	17.4
56	15.1	16.6	13.6
63 or more	31.9	35.1	30.9

[1] Excludes Navel and Temple varieties.
[2] Excludes seedy.



[1] Excludes Navel and Temple varieties.