

Grapefruit Increased to 19.0 Million Boxes

The forecast of all grapefruit is raised 200,000 boxes to 19.0 million boxes due to increased utilization of white grapefruit. The forecast consists of 5.5 million boxes of white and 13.5 million boxes of colored grapefruit. The Row Count survey indicated 73 percent of the white grapefruit and 90 percent of the colored varieties are harvested. Estimated utilization is nearly 17.5 million boxes through March 31, 2010.

All Tangerines Increased to 4.1 Million Boxes

The all tangerine forecast increased 100,000 boxes to 4.1 million boxes due to increased utilization of the Honey variety. The early tangerine forecast had no change with the harvest now complete. The tangerine forecast now consists of 2.3 million boxes of early tangerines (1.7 million boxes of Sunburst and 600,000 boxes of Fallglo) and 1.8 million boxes of the Honey tangerines. Survey indications show that 89 percent of the later maturing Honey tangerines are harvested.

Tangelos Remain at 900,000 Boxes

The forecast of tangelos remains at 900,000 boxes. The Row Count Survey indicates that 99 percent of the tangelos are harvested. Estimated utilization is approximately 900,000 boxes with the harvest nearly complete. If attained, this harvest would be the lowest production since the 1963-1964 season.

Forecast Components, by Variety — Florida: April 2010

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

Orange Type	Bearing trees	Fruit per tree	Droppage	Fruit per box	Grapefruit Type	Bearing trees	Fruit per tree	Droppage	Fruit per box
	(1,000)	(number)	(percent)	(number)		(1,000)	(number)	(percent)	(number)
Early-midseason...	24,575	862	8	246	White ¹	1,462	430	12	96
Navel	1,151	365	10	138	Colored.....	3,794	410	10	109
Valencia	33,685	478	14	218					

¹ Seedless variety only.

Citrus Production by Type and State — United States: 2006-2007, 2007-2008, 2008-2009, and Forecasted March 1, 2010 and April 1, 2010

Crop and State	Production			2009-2010 Forecast	
	2006-2007	2007-2008	2008-2009	March	April
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
GRAPEFRUIT					
Florida-All	27,200	26,600	21,700	18,800	19,000
White	9,300	9,000	6,600	5,300	5,500
Colored	17,900	17,600	15,100	13,500	13,500
California	5,500	5,200	* 4,800	4,200	4,200
Texas	7,100	6,000	5,500	5,490	5,500
Arizona ¹	100	100	25		
United States.....	39,900	37,900	* 32,025	28,490	28,700
LEMONS					
California	18,500	14,800	* 21,000	20,000	20,000
Arizona	2,500	1,500	3,000	2,500	2,500
United States.....	21,000	16,300	* 24,000	22,500	22,500
TANGELOS					
Florida	1,250	1,500	1,150	900	900
TANGERINES					
Florida-All	4,600	5,500	3,850	4,000	4,100
Early ²	2,400	2,600	2,550	2,300	2,300
Honey	2,200	2,900	1,300	1,700	1,800
California ³	3,500	6,700	6,700	8,200	9,100
Arizona ³	300	400	250	350	450
United States.....	8,400	12,600	10,800	12,550	13,650

* Revised.

¹ Estimates discontinued beginning with the 2009-2010 crop year.

² Fallglo and Sunburst varieties.

³ Includes tangelos and tangors.

Maturity — Florida: April 1, 2010

Valencia orange samples were collected on established routes throughout the citrus producing region on March 29-30, 2010, and tested at the laboratory of the USDA, National Agricultural Statistics Service (NASS), Florida Field Office. Acid levels continue to drop, while total soluble solids, ratios, and solids per box have increased throughout the harvest period. For the third consecutive month, the quantity of unfinished juice per box has decreased.

Citrus Unadjusted Maturity Tests — Florida: 2008-2009 and 2009-2010

[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	
	2008-2009	2009-2010	2008-2009	2009-2010	2008-2009	2009-2010	2008-2009	2009-2010	2008-2009	2009-2010
	(percent)	(percent)	(percent)	(percent)			(pounds)	(pounds)	(pounds)	(pounds)
ORANGES										
Late (124-134)										
Oct 1	2.49	2.42	8.87	8.88	3.61	3.72	47.41	43.62	4.21	3.87
Nov 1	1.89	1.88	9.32	9.33	5.01	5.03	51.76	48.14	4.82	4.49
Dec 1	1.63	1.52	10.19	10.23	6.33	6.83	54.07	50.91	5.51	5.20
Jan 1	1.39	1.30	11.13	10.89	8.11	8.48	55.74	53.03	6.20	5.78
Feb 1	1.35	1.24	11.78	11.67	8.84	9.52	55.37	52.22	6.52	6.09
Feb 15	1.30	1.15	12.08	12.09	9.36	10.68	56.57	52.13	6.83	6.31
Mar 1	1.24	1.12	12.60	12.26	10.28	11.14	55.09	51.59	6.94	6.33
Apr 1	1.10	1.01	12.83	12.77	11.73	12.85	54.12	51.37	6.94	6.56

Citrus Fruit Maturity Test Averages, by Areas — Florida: April 1, 2010

Fruit type	Groves sampled	Acid	Solids (Brix)	Ratio	Unfinished juice per box	Solids per box
	(number)	(percent)	(percent)		(pounds)	(pounds)
ORANGES						
Late						
Indian River	25	1.06	13.13	12.59	52.50	6.90
Other Areas	109	0.99	12.68	12.91	51.10	6.48

Fruit Size Frequency Measurements, Fruit Size Comparisons by Types to Previous Seasons

Size frequency distributions from the March size survey are shown in the following table. 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 below shows the distribution of fruit sizes in 2010 compared to 2009. The diameter measurements shown are the minimum values of each 1/8-inch range, except for the smallest values.

Citrus Size Frequency Measurement Distributions, Valencia — Florida: March

Type and number of fruit per 4/5-bushel containers	2008	2009	2010
	(percent)	(percent)	(percent)
VALENCIA ORANGES			
64 or less	6.2	3.9	5.7
80	20.7	21.5	22.9
100	36.8	41.7	38.4
125	25.0	24.1	22.4
163 or more	11.3	8.8	10.6

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

