



## GRAPEFRUIT CONTINUED AT 28.0 MILLION BOXES

The forecast of all grapefruit for utilization (including an allocation of 700,000 boxes of gift fruit and local sales) remains at 28.0 million boxes. The forecast includes 10.0 million boxes of **white** and 18.0 million boxes of **colored** grapefruit. This forecast, if realized, will be 45 percent more than harvested last season.

The comparison of current utilization to results of the Row Count survey is the primary consideration used in setting the April grapefruit forecast. The Row Count survey conducted March 28-29 shows 75 percent of the grapefruit rows harvested. The Central and Western citrus producing areas, at 94 percent each, have a much higher percentage of rows harvested than the rest of the State.

The **white** grapefruit forecast, at 10.0 million boxes, is 54 percent more than harvested last year. The Row Count survey shows 80 percent of white grapefruit rows harvested. Analysis indicates that the remaining rows will provide sufficient fruit to achieve the forecast. Weekly utilization for the month of March was between six and seven hundred thousand boxes, primarily for processing. Estimated utilization to April 1 is 7.2 million boxes, compared to 5.6 million boxes actual utilization the same time last season.

The **colored** grapefruit forecast is maintained at 18.0 million boxes. The Row Count survey shows a lower percentage of colored grapefruit

### CITRUS PRODUCTION: April 1, 2007 forecasts by varieties and States, with comparisons

Crop and State	Production		Forecast	
	2004-05	2005-06	Mar 9, 2007	Apr 10, 2007
--- 1,000 boxes ---				
<b>GRAPEFRUIT:</b>				
Florida-All	12,800	19,300	28,000	28,000
White	3,400	6,500	10,000	10,000
Colored	9,400	12,800	18,000	18,000
California	6,100	6,000	4,800	4,800
Texas	6,600	5,200	6,500	6,500
Arizona	140	100	100	100
Total Grapefruit	25,640	30,600	39,400	39,400
<b>LEMONS:</b>				
California	20,500	21,000	16,500	16,500
Arizona	2,400	3,800	2,500	2,500
Total Lemons	22,900	24,800	19,000	19,000
<b>TEMPLES:</b>	650	700	<sup>1/</sup>	<sup>1/</sup>
<b>TANGELOS: Florida</b>	<b>1,550</b>	<b>1,400</b>	<b>1,250</b>	<b>1,250</b>
<b>TANGERINES:</b>				
Florida-All	4,450	5,500	4,800	4,600
Early <sup>2/</sup>	2,450	2,850	2,400	2,400
Honey	2,000	2,650	2,400	2,200
California <sup>3/</sup>	2,900	3,600	2,600	2,600
Arizona <sup>3/</sup>	400	550	300	300
Total Tangerines	7,750	9,650	7,700	7,500

<sup>1/</sup> Included in early-midseason-Navel oranges.

<sup>2/</sup> Fallglo and Sunburst varieties.

<sup>3/</sup> Includes tangelos and tangors.

## COMPONENTS USED IN THE APRIL FORECAST <sup>1/</sup>

Type	Bearing trees	Fruit per tree	Percent droppage	Fruit per box
(1,000)				
<b>GRAPEFRUIT:</b>				
White	2,067	469	12	84
Colored	4,243	447	16	91

<sup>1/</sup> January survey data is considered final.

harvested than white. Unlike last season, the majority of colored grapefruit have been harvested for the fresh market. The quality of grapefruit is excellent this year, and the crop has been referred to as a "vintage" crop. Estimated utilization to April 1 is 14.0 million boxes, compared to 11.3 million boxes actual utilization the same time last year.

## TANGERINES NOW 4.6 MILLION BOXES

The forecast of all tangerines is lowered to 4.6 million boxes. Forecast for the early varieties (**Fallglo and Sunburst**) is unchanged at 2.4 million boxes and the later maturing **Honey** variety is now at 2.2 million boxes.

The forecast of utilization for early tangerines remains at 2.4 million boxes (including an allocation of 200,000 boxes for other use). **Fallglo** tangerine harvest is complete at 630,000 boxes and **Sunburst** tangerine harvest is complete at 1,770,000 boxes. Tangerines are primarily a fresh fruit, and this year 69 percent of the early tangerines were picked for the fresh market.

The **Honey** tangerine forecast is lowered by 200,000 boxes this month. The Row Count survey conducted on March 28-29 shows harvest to this point is farther along than any of the last ten seasons. Utilization for the month of March was consistently over 100,000 boxes weekly. Comparison between the Row Count survey and utilization led to the decrease in the late variety tangerine forecast.

Estimated utilization to the first of the month is 1.7 million boxes compared to 1.8 million boxes actual utilization the same time last season. Honey tangerines are normally harvested heavily through the month of April and into May.

## TANGELOS 1.25 MILLION BOXES

The tangelo forecast is held this month at 1,250,000 boxes (including an allocation of non-certified use). Tangelo utilization is complete and is 11 percent less than last season's 1.4 million boxes. Tangelos are harvested primarily for the processed market. This season, 66 percent of the fruit was picked for processing.

**UNADJUSTED MATURITY TESTS: Average of regular bloom fruit from sample groves, 2005-06 and 2006-07 seasons**

Fruit type (No. groves) test date	Acid		Solids (Brix)		Ratio		Unfinished juice per box		Solids per box	
	2005-06	2006-07	2005-06	2006-07	2005-06	2006-07	2005-06	2006-07	2005-06	2006-07
	<i>Percent</i>		<i>Percent</i>				<i>Pounds</i>		<i>Pounds</i>	

*Juice and solids per box are unadjusted and not comparable to plant test results.*

**ORANGES:**

Late (130-125)

Sep 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oct 1	2.60	2.52	9.03	8.92	3.50	3.56	43.14	45.33	3.89	4.04	
Nov 1	1.99	2.06	9.14	9.83	4.64	4.84	48.20	48.94	4.41	4.81	
Dec 1	1.64	1.72	9.81	9.89	6.03	5.83	50.90	51.77	4.99	5.12	
Jan 1	1.41	1.43	10.71	10.90	7.64	7.74	52.39	51.81	5.61	5.64	
Feb 1	1.30	1.22	11.85	11.99	9.21	9.89	53.41	54.60	6.33	6.55	
Mar 1	1.19	1.13	12.50	12.61	10.60	11.25	53.22	54.76	6.66	6.91	
Apr 1	1.10	1.09	13.03	13.27	11.97	12.37	53.13	54.14	6.93	7.18	

NOTICE: 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.

**MATURITY TEST AVERAGES BY AREAS, APRIL 1, 2007**

Fruit type	Groves sampled	Acid	Solids (Brix)	Ratio	Unfinished juice per box	Solids per box
	<i>Number</i>	<i>Percent</i>	<i>Percent</i>		<i>Pounds</i>	<i>Pounds</i>

**ORANGES:**

Late

Indian River District	26	1.12	13.59	12.24	54.78	7.44
Other Areas	99	1.08	13.18	12.41	53.97	7.12

**FRUIT SIZE COMPARISONS BY TYPES TO PREVIOUS SEASONS**

Size frequency distributions developed 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 relate to fruit from regular bloom and exclude summer bloom in all years.

**FLORIDA CITRUS: Size frequency distributions from March measurements**

Type of fruit and size in 4/5-bushel containers	2005	2006	2007
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--- Percent ---

**VALENCIA ORANGES:**

64 and larger	4.7	3.0	12.7
80	22.6	13.5	29.6
100	43.1	34.8	34.5
125	23.0	31.5	17.3
163 and smaller	6.6	17.2	5.9

The chart to the right describes the relationship of the fruit size measurements with those taken in the previous year. The diameter measurements shown are the minimum values of each eighth inch range, except for the smallest value.

**CHART 1: Valencia orange size frequency by diameter from March measurements**

