

# FLORIDA Citrus May Forecast

MATURITY TEST RESULTS AND FRUIT SIZE

May 12, 2006

## ALL ORANGES 153.0 MILLION BOXES

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### FORECAST DATES 2005-06 SEASON

June 9, 2006 July 12, 2006

The all orange forecast released today by the USDA Agricultural Statistics Board is held at 153.0 million boxes. Components of the forecast are the early-midseason-Navel oranges, which are final at 75.0 million boxes, and the later maturing Valencia orange forecast at 78.0 million boxes. This year the Valencia crop is expected to surpass the early-midseason-Navel crop, something that has not happened since the 1965-66 season.

## EARLY-MIDSEASON-NAVEL ORANGES FINAL AT 75.0 MILLION BOXES

The early-midseason-Navel orange harvest is complete at 75.0 million boxes, including an allocation for other use. This crop is five percent less than last year's hurricane affected crop, and the lowest crop since the freeze effected 1989-90 season in which 68.1 million boxes were harvested. The navel portion of this crop is 3.8 million boxes.

## VALENCIA ORANGES STAY AT 78.0 MILLION BOXES

The Valencia forecast remains at 78.0 million boxes, 10 percent more than last year's crop of 70.7 million boxes. The last change to the Valencia forecast occurred in January when the forecast was lowered by four million boxes due to small fruit sizes. The indicators used this month to set the forecast are utilization and the Row Count survey conducted on May 1-2 which shows 46 percent rows harvested. Utilization to May 1 was 33.3 million boxes compared to 39.0 million boxes the same time last year. Weekly harvesting for the month of April was between five and six million boxes.

### ROUNDED COMPONENTS USED IN THE MAY FORECAST <sup>1/</sup>

Type	Bearing Trees	Fruit per Tree	Percent Droppage	Fruit per box
	(1,000)			
<b>ORANGES:</b>				
Early-Mid	28,964	937	12	285
Navel	1,634	436	9	139
Valencia	37,246	612	14	238

<sup>1/</sup> November survey data are considered final for Navels, December for early-mids, and March for Valencias.

## FCOJ YIELD 1.62 GALLONS PER BOX

The projection for all orange FCOJ yield is increased from 1.61 gallons to 1.62 and the Valencia portion is now projected at 1.73 gallons. These will be the highest yields since the 1998-99 season when the all orange yield was final at 1.63 gallons and the Valencia portion at 1.75 gallons. The early portion is final at 1.526904. Maturity test results appear on page 3.

### CITRUS PRODUCTION: May 1, 2006 Forecasts by varieties and states, with comparisons

Crop and State	Production		Forecast	
	2003-04	2004-05	Apr. 10, 2006	May 12, 2006
--- 1,000 boxes ---				
<b>EARLY, MIDSEASON, AND NAVEL ORANGES:</b>				
<b>Florida</b>	<b>126,000</b>	<b>79,100</b>	<b>75,000</b>	<b>75,000</b>
California	39,500	43,000	42,000	42,000
Texas	1,420	1,500	1,300	1,300
Arizona	300	240	250	250
Total Above Varieties	167,220	123,840	118,550	118,550
<b>VALENCIAS:</b>				
<b>Florida</b>	<b>116,000</b>	<b>70,700</b>	<b>78,000</b>	<b>78,000</b>
California	11,000	20,500	11,000	11,000
Texas	230	270	230	230
Arizona	170	190	200	200
Total Valencias	127,400	91,660	89,430	89,430
<b>ALL ORANGES:</b>				
<b>Florida</b>	<b>242,000</b>	<b>149,800</b>	<b>153,000</b>	<b>153,000</b>
California	50,500	63,500	53,000	53,000
Texas	1,650	1,770	1,530	1,530
Arizona	470	430	450	450
Total All Oranges	294,620	215,500	207,980	207,980



United States  
Department  
Of Agriculture



National  
Agricultural  
Statistics Service

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## GRAPEFRUIT INCREASED TO 19.2 MILLION BOXES

The forecast of all grapefruit for utilization (including an allocation of 700,000 boxes of gift fruit and local sales) is increased from 18.0 to 19.2 million boxes. The forecast includes 6.5 million boxes of **white** and 12.7 million boxes of **colored** grapefruit. This forecast, if realized, will be 50 percent more than harvested last season, otherwise production has not been this low since the 1941-42 season's 19.2 million boxes.

The basis for raising the forecast is current and estimated weekly utilization as reported by the Citrus Administrative Committee. Weekly utilization continued to be more than 500,000 boxes until the third week in April, then dropping to just over an estimated 130,000 boxes by the first week in May. Total utilization for April was more than two million boxes, mostly used for processing.

The **white** grapefruit forecast is raised from 6.0 to 6.5 million boxes. Utilization to the first of the month, including an allocation for other use, is 6.4 million boxes, compared to 3.4 million boxes last year. The Row Count survey conducted May 1-2 shows few rows of white grapefruit still remaining for harvest.

The **colored** grapefruit forecast is adjusted upward to 12.7 million boxes. This is the first change in the colored grapefruit since the hurricane adjusted December forecast. Estimated utilization to May 1, including an allocation for other use, is 12.5 million boxes, compared to 9.2 million boxes the same time last year. Colored grapefruit has shown a decline in weekly harvesting throughout April and is expected to be relatively complete in the next couple of weeks.

**CITRUS PRODUCTION: May 1, 2006**  
forecasts by varieties and states, with comparisons

Crop and State	Production		Forecast	
	2003-04	2004-05	Apr. 10, 2006	May 12, 2006
--- 1,000 boxes ---				
<b>GRAPEFRUIT:</b>				
<b>Florida-All</b>	<b>40,900</b>	<b>12,800</b>	<b>18,000</b>	<b>19,200</b>
<b>White</b>	<b>15,900</b>	<b>3,400</b>	<b>6,000</b>	<b>6,500</b>
<b>Colored</b>	<b>25,000</b>	<b>9,400</b>	<b>12,000</b>	<b>12,700</b>
Texas	5,700	6,600	4,800	4,800
California	5,800	5,800	6,000	6,000
Arizona	140	140	100	100
<b>Total Grapefruit</b>	<b>52,540</b>	<b>25,340</b>	<b>28,900</b>	<b>30,100</b>
<b>LEMONS:</b>				
California	18,000	19,000	19,000	19,000
Arizona	3,000	2,400	3,800	3,800
<b>Total Lemons</b>	<b>21,000</b>	<b>21,400</b>	<b>22,800</b>	<b>22,800</b>
<b>TEMPLES: Florida</b>	<b>1,400</b>	<b>650</b>	<b>700</b>	<b>700</b>
<b>TANGELOS: Florida</b>	<b>1,000</b>	<b>1,550</b>	<b>1,400</b>	<b>1,400</b>
<b>TANGERINES:</b>				
<b>Florida-All</b>	<b>6,500</b>	<b>4,450</b>	<b>5,000</b>	<b>5,400</b>
<b>Early</b> <sup>1/</sup>	<b>3,600</b>	<b>2,450</b>	<b>2,800</b>	<b>2,850</b>
<b>Honey</b>	<b>2,900</b>	<b>2,000</b>	<b>2,200</b>	<b>2,550</b>
California <sup>2/</sup>	2,200	2,800	4,000	4,000
Arizona <sup>2/</sup>	690	400	550	550
<b>Total Tangerines</b>	<b>9,390</b>	<b>7,650</b>	<b>9,550</b>	<b>9,950</b>

<sup>1/</sup> Fallglo and Sunburst varieties.

<sup>2/</sup> Includes tangelos and tangors.

## ROUNDED COMPONENTS USED IN THE MAY FORECAST<sup>1/</sup>

Type	Bearing Trees	Fruit per Tree	Percent Droppage	Fruit per box
(1,000)				
<b>GRAPEFRUIT:</b>				
White <sup>2/</sup>	2,216	212	12	86
Colored	4,230	252	11	92

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

<sup>2/</sup> Seedless variety only.

## ALL TANGERINES NOW 5.4 MILLION BOXES

The forecast of all tangerines is increased from 5.0 to 5.4 million boxes. The forecast of the early varieties (**Fallglo and Sunburst**) is adjusted to 2.85 million boxes, and the later maturing **Honey** variety is raised to 2.55 million boxes.

The forecast of utilization for early tangerines is changed to 2.85 million boxes, including over 200,000 boxes for other use. **Fallglo** harvest is complete at 680,000 boxes, and **Sunburst** tangerine utilization is complete at 2.17 million boxes.

The **Honey** forecast of utilization is raised by 350,000 boxes to 2.55 million. Weekly utilization continued between 100,000 and 150,000 boxes throughout April. Results of the Row Count survey conducted on May 1-2 showed 89 percent of the rows harvested. Honey tangerines are primarily a fresh fruit crop and will continue to be picked in May. Estimated utilization to May 1, including other use, is 2.4 million boxes, compared to 1.9 million the same time last year.

## TEMPLES 700,000 BOXES

The Temple forecast is unchanged at 700,000. This is the second lowest harvest since the forecasting of Temples in a separate category began in 1951-52. Temple production peaked in 1979-80 at 6.0 million boxes and has been declining steadily. Temple harvest is over for the season, with utilization to the first of the month just under 700,000 boxes, including other use. The Row Count survey showed 89 percent rows harvested this season.

## TANGELOS 1.4 MILLION BOXES

Tangelos remain at 1.4 million boxes, including 200,000 boxes for other use. Tangelo utilization is complete for the season with over 60 percent of the fruit going to processing. Production has been declining since the peak of 6.4 million boxes in 1979-80. This harvest, the third consecutive season below 2.0 million boxes, is 10 percent less than last season but 40 percent more than in 2003-04.

**UNADJUSTED MATURITY TESTS: Average of regular bloom fruit from sample groves, 2004-05 and 2005-06 seasons**

Fruit type (No. groves) test date	Acid		Solids (Brix)		Ratio		Unfinished juice per box		Solids per box	
	2004-05	2005-06	2004-05	2005-06	2004-05	2005-06	2004-05	2005-06	2004-05	2005-06
	<i>Percent</i>		<i>Percent</i>				<i>Pounds</i>		<i>Pounds</i>	
	<i>Juice and solids per box are unadjusted and not comparable to plant test results.</i>									
Late (79-82)										
Oct 1	2.48	2.64	8.66	9.14	3.52	3.50	46.39	43.08	4.02	3.93
Nov 1	1.94	2.01	8.88	9.18	4.60	4.63	50.72	48.37	4.50	4.44
Dec 1	1.59	1.66	9.69	9.84	6.17	6.02	53.19	50.77	5.15	5.00
Jan 1	1.39	1.44	10.42	10.77	7.54	7.55	53.91	52.34	5.62	5.64
Feb 1	1.24	1.32	10.94	11.92	8.88	9.14	54.94	53.66	6.01	6.39
Mar 1	1.14	1.21	11.92	12.54	10.61	10.47	54.87	52.83	6.53	6.63
Apr 1	1.00	1.11	12.07	13.14	12.20	11.90	54.88	53.26	6.63	7.00
May 1	0.90	0.95	12.51	13.75	14.02	14.71	54.83	53.24	6.87	7.33

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, MAY 2006**

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>
<b>ORANGES:</b>						
Late						
Indian River District	11	0.98	14.00	14.41	54.44	7.63
Other Areas	71	0.94	13.72	14.76	53.06	7.29

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

Size frequency distributions measured during the April size survey are shown in the table below. The distributions are by percent of fruit falling within the size range of each 4/5-bushel container. Comparable sizes for 2004 and 2005 are also shown. These measurements include only fruit from spring bloom and exclude summer bloom in all seasons.

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

Type of fruit and size in 4/5-bushel containers	2004	2005	2006
<i>--- Percent ---</i>			

**VALENCIA ORANGES:**

64 and larger	11.7	5.4	4.0
80	30.5	24.5	13.2
100	38.1	40.6	32.4
125	16.2	22.4	30.4
163 and smaller	3.5	7.1	20.0

The chart on the right compares the relationship of the April 2006 Valencia orange fruit size measurements with those taken in April 2005. 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 April measurements**

