



CITRUS

JULY FORECAST

FORECAST COMPONENTS

FLORIDA AGRICULTURE



July 11, 2002

ORANGES NOW 229.0 MILLION BOXES

Citrus production, July 1, 2002
forecasts by varieties and States, with comparisons

Crop and State	Production		Forecast	
	1999-00	2000-01	Jun 12, 2002	Jul 11, 2002
--- 1,000 boxes ---				
Early, Midseason, and Navel Oranges:				
FLORIDA	134,000	128,000	128,000	128,000
California	40,000	36,000	32,000	32,000
Texas	1,460	2,000	1,550	1,530
Arizona	600	480	300	300
Total Above Varieties	176,060	166,480	161,850	161,830
Valencias:				
FLORIDA	99,000	95,300	100,000	101,000
California	24,000	21,000	23,000	22,000
Texas	200	235	200	210
Arizona	500	420	350	300
Total Valencias	123,700	116,955	123,550	123,510
All Oranges:				
FLORIDA	233,000	223,300	228,000	229,000
California	64,000	57,000	55,000	54,000
Texas	1,660	2,235	1,750	1,740
Arizona	1,100	900	650	600
Total All Oranges	299,760	283,435	285,400	285,340
Grapefruit:				
FLORIDA-All	53,400	46,000	47,000	46,600
White ^{1/}	21,500	18,700	19,000	18,900
Colored	31,900	^{2/} 27,300	28,000	27,700
Texas	5,930	7,200	7,100	5,900
Arizona	450	250	200	150
California	7,200	6,500	6,400	6,400
Total Grapefruit	66,980	59,950	60,700	59,050
Lemons:				
California	19,000	22,700	22,000	22,000
Arizona	3,100	3,600	3,100	2,800
Total Lemons	22,100	26,300	25,100	24,800
Limes: Florida	600	250	(final) 150	(final) 150
Temples: Florida	1,950	1,250	1,550	1,550
Tangelos: Florida	2,200	2,100	2,150	2,150
K-Early: Florida	110	40	30	30
Tangerines:				
FLORIDA-All	7,000	5,600	6,600	6,600
Early ^{3/}	4,350	3,550	4,350	4,350
Honey	2,650	2,050	2,250	2,250
California ^{4/}	2,500	2,100	2,300	2,300
Arizona ^{4/}	850	650	650	650
Total Tangerines	10,350	8,350	9,550	9,550

^{1/} Includes seedy. ^{2/} Excludes two million boxes of economic abandonment.
^{3/} Robinson, Fallglo, Sunburst, and Dancy. ^{4/} Includes tangelos.

The first forecast of the 2002-2003 season will be released at 8:30 A.M. on October 11, 2002.

The last all orange forecast of the season, released today by the USDA Agricultural Statistics Board, is adjusted upward by 1.0 million to 229.0 million boxes. This is almost three percent more than utilized last season but two percent less than the 1999-00 season. It is one percent less than the initial forecast issued in October 2001. The increase is in the Valencia portion which is now forecast at 101.0 million boxes. The early and midseason portion (including 5.5 million boxes of **Navel**s) is 128.0 million boxes, three million boxes less than forecast in October and the same as last season's crop.

The Valencia portion, increased in this last forecast to 101.0 million boxes, is only 1.0 million boxes more than the initial forecast in October. This crop is the largest utilization since the record 104.0 million boxes of the 1997-98 season. All processing plants closed the last week in June.

ALL GRAPEFRUIT NOW 46.6 MILLION BOXES

The final forecast of the season for all grapefruit is 46.6 million boxes, 400,000 boxes less than last month's forecast and only 1.4 million boxes less than the initial forecast in October, 2001. This forecast of utilization is slightly over one percent more than was used in the previous season. White grapefruit utilization totaled 18.9 million boxes, slightly more than last season and colored varieties totaled 27.7 million boxes, again slightly more than the 2000-01 season. The row count survey conducted June 26-28 indicated nearly all white rows had been harvested while about seven percent of the colored rows have harvestable amounts of fruit remaining. Final utilization estimates released in September will include estimates of economic abandonment in footnotes if measurable amounts occur.

SPECIALTY TYPES COMPLETE

Harvest is complete on all specialty citrus. Temple utilization is 1.55 million boxes, slightly more than last season's record low utilization of 1.25 million boxes. Tangelo harvest totaled 2.15 million boxes, again slightly more than the record low 2.1 million boxes of the previous season. Total tangerine harvest was 6.6 million boxes, 18 percent more than the previous season when only 5.6 million boxes were utilized. K-Early citrus utilization totaled only 30,000 boxes, the lowest in many seasons.

FCOJ FINAL AT 1.58 GALLONS PER BOX

The forecast of FCOJ yield for all oranges, held at 1.58 gallons per box since January, is final at 1.58160 as reported by the Florida Citrus Processors Association. Final early and midseason yield is 1.52774 and final Valencia yield is 1.65789.

FORECAST COMPONENTS OF PRODUCTION FROM OBJECTIVE SURVEYS

The table shows the production components used for the 2001-02 forecast season. Bearing trees are estimated at the beginning of each forecast season using the most recent Commercial Citrus Inventory with an allowance for expected attrition. Revisions are made to the historic series where applicable.

Fruit per tree is the weighted average obtained from the annual Limb Count Survey. This survey is conducted during a two-month period beginning in late July. Survey averages for each tree age group within an area are weighted by the estimated number of bearing trees for each age group.

Fruit size measurements and drop observations are obtained from monthly size and drop surveys. The average drop percentages are from the "cut-off" month survey which varies by variety according to the usual harvest period. Average fruit sizes were also obtained from the same survey period but have been converted in the table to estimated number of fruit needed to fill a box.

These four factors are the primary components used in the initial October forecast and in following months up to the "cut-off" for each fruit type. The first two have the greatest influence on the forecast.

Direct Expansion =

$$\frac{\text{Bearing Trees} \times \text{Fruit per Tree} \times \text{Percent Remaining at Harvest}}{\text{Pieces of Fruit per Box}}$$

Fruit type and crop year	Number bearing trees (millions)	Sample survey averages		
		Fruit per tree	Percent drop ^{1/}	Fruit per box ^{1/}
EARLY-MID ORANGES ^{2/}				
1997-98	36.862	1,146	9	242
1998-99	37.135	909	12	249
1999-00	35.982	1,036	8	236
2000-01	35.694	1,125	6	269
2001-02	34.301	1,148	9	259
NAVEL ORANGES				
1997-98	3.001	431	16	135
1998-99	2.989	290	15	140
1999-00	2.853	348	15	131
2000-01	2.752	384	12	137
2001-02	2.456	460	11	136
VALENCIA ORANGES				
1997-98	38.726	712	15	209
1998-99	39.484	530	20	214
1999-00	39.883	598	11	205
2000-01	41.119	625	12	213
2001-02	40.621	638	13	211
WHITE SEEDLESS GRAPEFRUIT				
1997-98	4.888	464	9	82
1998-99	4.397	405	10	89
1999-00	4.337	^{3/} 479	^{3/} 10	89
2000-01	4.090	481	8	93
2001-02	3.722	523	10	96
COLORED SEEDLESS GRAPEFRUIT				
1997-98	8.286	410	14	89
1998-99	7.802	437	12	98
1999-00	7.654	^{3/} 431	^{3/} 13	95
2000-01	7.374	476	8	101
2001-02	6.922	524	11	105

^{1/} Averages at cut-off month--January 1 for Early-mids, December 1 for Navels, April 1 for Valencias, and February 1 for grapefruit. ^{2/} Excludes Navels. ^{3/} Hurricane survey adjustments.