



Florida Agricultural Statistics Service
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FLORIDA
AGRICULTURE



CITRUS

JULY FORECAST
FORECAST COMPONENTS

July 10, 1998

Citrus production, July 1, 1998
forecasts by varieties and States, with comparisons

Crop and State	Production		Forecast	
	1995-96 ^{1/}	1996-97 ^{2/}	Jun 12, 1998	Jul 10, 1998
--- 1,000 boxes ---				
Early, Midseason, and Navel Oranges:				
FLORIDA	121,200	134,200	140,000	140,000
California	38,000	40,000	44,000	44,000
Texas	830	1,300	1,350	1,350
Arizona	700	400	450	350
Total Above Varieties	160,730	175,900	185,800	185,700
Valencias:				
FLORIDA	82,100	92,000	108,000	104,000
California	20,000	24,000	30,000	30,000
Texas	110	120	180	180
Arizona	950	600	550	650
Total Valencias	103,160	116,720	138,730	134,830
All Oranges:				
FLORIDA	203,300	226,200	248,000	244,000
California	58,000	64,000	74,000	74,000
Texas	940	1,420	1,530	1,530
Arizona	1,650	1,000	1,000	1,000
Total All Oranges	263,890	292,620	324,530	320,530
Grapefruit:				
FLORIDA-All	52,350	55,800	49,500	49,500
Seedless	51,300	54,900	48,850	48,850
White	23,200	23,500	18,250	18,250
Colored	28,100	31,400	30,600	30,600
Seedy (Other)	1,050	900	650	650
Texas	4,550	5,300	4,800	4,800
Arizona	1,200	900	800	800
California-All	8,100	8,200	9,000	9,000
Total Grapefruit	66,200	70,200	64,100	64,100
Lemons:				
California	21,000	20,000	22,000	22,000
Arizona	5,100	2,600	2,600	2,600
Total Lemons	26,100	22,600	24,600	24,600
Limes: Florida	300	320	(Final) 440	(Final) 440
Temples: Florida	2,150	2,400	2,250	2,250
Tangelos: Florida	2,450	3,950	2,850	2,850
K-Early: Florida	160	150	40	40
Tangerines:				
FLORIDA-All	4,500	6,300	5,200	5,200
Early ^{3/}	2,900	4,500	3,200	3,200
Honey	1,600	1,800	2,000	2,000
California	2,600	2,600	2,400	2,400
Arizona	1,000	550	500	600
Total Tangerines	8,100	9,450	8,100	8,200

^{1/} Excludes 3.0 million boxes of economic abandonment of Florida colored seedless varieties. ^{2/} Excludes 6.0 million boxes of economic abandonment in Florida: 3.0 million white seedless and 3.0 million colored varieties. ^{3/} Robinson, Fallglo, Sunburst, and Dancy.

The first forecast of the 1998-99 season will be released at 8:30 A.M. October 9, 1998.

ALL ORANGES NOW 244.0 MILLION BOXES

The all orange forecast is decreased 4.0 million to 244.0 million boxes as reported by the USDA Agricultural Statistics Board. The decrease is in the Valencia portion which is now forecast at 104.0 million boxes. This decrease reflects certifications to June 21 and estimated utilization for the remainder of the season. Harvest is nearly complete with the last major processor scheduled to close today. Early and midseasons are final at 140.0 million boxes.

This all orange utilization is a record, eight percent above last season's previous record of 226.2 million boxes. The early and midseason crop exceeds last season by four percent and Valencias totaled 13 percent more.

ALL GRAPEFRUIT 49.5 MILLION BOXES

The all grapefruit forecast of utilized production (including 1.2 million boxes of non-certified and gift fruit usage) is unchanged from last month at 49.5 million boxes. White seedless is 18.25 million boxes, colored seedless varieties 30.6 million, and seedy 650,000, all unchanged from last month. There was limited utilization in June as the high heat curtailed usability of fruit.

SPECIALTY TYPES COMPLETE

Harvest is complete for all specialty types. Temple utilization at 2.25 million boxes is five percent below the average of the past five seasons. While down 28 percent from last season, the tangelo crop of 2.85 million boxes is 16 percent higher than in 1995-96. Tangerines varieties total 5.2 million, 55 percent above the average of the past 10 non-freeze seasons. The smallest crop of K-Early Citrus is recorded at 40,000 boxes.

FCOJ REMAINS 1.58 GALLONS PER BOX

The all orange FCOJ yield projection remains at 1.58 gallons per box. The Valencia projection continues at 1.72 gallons, a record high yield. The previous high of 1.69608 gallons per box occurred in 1991-92. The early and midseason portion is final at 1.492548 gallons per box, down from 1996-97 but higher than the two prior seasons.

FORECAST COMPONENTS OF PRODUCTION FROM OBJECTIVE SURVEYS

The table shows the production components used for the 1997-98 forecast season with comparisons to the previous four seasons. Bearing trees are estimated at the beginning of each forecast season using the most recent Commercial Citrus Inventory with an allowance for normal attrition.

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/}				
1993-94	30.241	1,068	8	256
1994-95	33.495	973	14	215
1995-96	36.122	938	9	220
1996-97	37.132	999	7	238
1997-98	37.334	1,145	9	242
NAVEL ORANGES				
1993-94	2.465	292	17	136
1994-95	2.749	375	20	130
1995-96	2.945	313	13	130
1996-97	3.160	375	11	142
1997-98	3.184	431	16	135
VALENCIA ORANGES				
1993-94	29.569	584	13	210
1994-95	33.051	633	17	196
1995-96	36.061	555	11	198
1996-97	38.233	609	15	209
1997-98	39.019	708	15	209
WHITE SEEDLESS GRAPEFRUIT				
1993-94	4.579	533	8	92
1994-95	4.807	511	10	81
1995-96	5.005	427	9	75
1996-97	5.169	538	8	88
1997-98	4.900	462	10	81
COLORED SEEDLESS GRAPEFRUIT				
1993-94	6.493	428	8	94
1994-95	7.469	421	11	86
1995-96	8.312	382	7	83
1996-97	8.656	461	8	94
1997-98	8.200	410	14	89

^{1/} Averages at harvest month--January 1 for Early-mids, December 1 for Navels, April 1 for Valencias, and February 1 for grapefruit. ^{2/} Excludes Navels.

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