

OBJECTIVE YIELD FORECAST: Model components and expansions
final survey month, 1997-98 through 2006-07 ^{1/}

Fruit Type and Crop Year	Number of Bearing Trees	Yield components			Survey Expansion ^{2/}	Final Production	Difference (final production - survey expansion)		
		Fruit per Tree	Proportion Harvested	Fruit per Box			Boxes	Percent	
	(millions)				(millions)	(millions)			
Early-Mid Oranges (excluding Navels) ^{3/}									
1997-98	36.862		1,146	0.91	242	158.7	133.7	-25.0	-15.8
1998-99	37.135		909	0.88	249	119.8	107.0	-12.8	-10.7
1999-00	35.982		1,036	0.92	236	145.7	128.6	-17.1	-11.7
2000-01	35.694		1,125	0.94	269	140.7	122.9	-17.8	-12.7
2001-02	34.177		1,148	0.94	256	144.1	122.5	-21.6	-15.0
2002-03	34.042		950	0.87	225	125.0	106.6	-18.4	-14.7
2003-04	32.425		1,224	0.89	246	143.6	121.7	-21.9	-15.3
2004-05	30.831		886	0.82	263	85.2	76.6	-8.6	-10.1
2005-06	27.270		947	0.89	288	79.8	71.2	-8.6	-10.8
2006-07	26.119	27.209	690	0.92	696	71.2	75.6	-8.5	-12.9
Navel Oranges									
1997-98	3.001		431	0.84	135	8.1	6.3	-1.8	-22.2
1998-99	2.989		290	0.85	140	5.3	5.0	-0.3	-5.7
1999-00	2.853		348	0.85	131	6.5	5.4	-1.1	-16.9
2000-01	2.752		384	0.88	137	6.8	5.1	-1.7	-25.0
2001-02	2.439		64	0.89	136	7.4	5.5	-1.9	-25.7
2002-03	2.313		454	0.88	133	6.9	5.4	-1.5	-21.7
2003-04	2.018		374	0.92	130	5.3	4.3	-1.0	-18.9
2004-05	1.784		249	0.79	136	2.6	2.5	-0.1	-3.8
2005-06	1.525		431	0.91	139	4.3	3.8	-0.5	-11.6
2006-07	1.388	1.467	337	0.90	342	3.2	3.5	-0.4	-0.7
Late Season Oranges									
1997-98	38.726		712	0.85	209	112.5	104.0	-8.5	-7.6
1998-99	39.484		530	0.80	214	78.4	74.0	-4.4	-5.6
1999-00	39.883		598	0.89	205	103.3	99.0	-4.3	-4.2
2000-01	41.119		625	0.88	213	106.2	95.3	-10.9	-10.3
2001-02	40.979		640	0.87	211	108.1	102.0	-6.1	-5.6
2002-03	41.682		524	0.80	181	96.5	91.0	-5.5	-5.7
2003-04	40.950		680	0.89	198	125.0	116.0	-9.0	-7.2
2004-05	40.427		540	0.76	215	77.5	70.7	-6.8	-8.8
2005-06	37.161		609	0.86	240	81.1	72.9	-8.2	-10.1
2006-07	36.160	37.133	426	0.85	428	66.1	68.2	-2.7	-4.9

^{1/} Proportion harvested, fruit per box, and survey expansion are as of cut-off survey which is the final survey month for the direct expansion. Cut-off is January 1 for early-mids, December 1 for Navels, and April 1 for lates (Valencias).

^{2/} Survey Expansion = $\frac{\text{Trees} \times \text{Fruit per Tree} \times \text{Proportion Harvested}}{\text{Fruit per Box}}$

^{3/} Final production includes Temples beginning in 2006-07.

This page was originally part of the Citrus Crop Estimates Advisory Committee report presented 9/14/2007. Revisions to the 2006-07 bearing trees have led to a recalculation of yield components. Original numbers have been struck out with the revised figure placed to the left where applicable

OBJECTIVE YIELD FORECAST: Model components and expansions
final survey month, 1997-98 through 2006-07 ^{1/}

Fruit Type and Crop Year	Number of Bearing Trees Trees (millions)	Yield components			Survey Expansion ^{2/} (millions)	Final Production (millions)	Difference (final production - survey expansion)			
		Fruit per Tree	Proportion Harvested	Fruit per Box					Boxes	Percent
White Seedless Grapefruit ^{3/}										
1997-98		4.888		464	0.91	82	25.2	23.3 ^{4/}	-1.9	-7.5
1998-99		4.397		405	0.90	89	18.0	17.8	-0.2	-1.1
1999-00		4.337		479	0.90	89	21.0	20.9	-0.1	-0.5
2000-01		4.090		481	0.92	93	19.6	18.7	-0.9	-4.6
2001-02		3.970		530	0.90	96	19.7	18.9	-0.8	-4.1
2002-03		3.784		398	0.91	79	17.3	16.2	-1.1	-6.4
2003-04		3.133		488	0.89	91	15.0	15.9	0.9	6.0
2004-05		2.624		109	0.78	86	2.6	3.4	0.8	30.8
2005-06		2.133		211	0.88	86	4.6	6.5	1.9	41.3
2006-07	2.012	2.067		469	0.88	84	9.9 10.2	9.3	-0.6 -0.9	-6.1 -8.8
Colored Grapefruit										
1997-98		8.286		410	0.86	89	32.8	31.6 ^{5/}	-1.2	-3.7
1998-99		7.802		437	0.88	98	30.7	28.7	-2.0	-6.5
1999-00		7.654		431	0.87	95	30.4	31.9	1.5	4.9
2000-01		7.374		476	0.92	101	32.1	29.3 ^{6/}	-2.8	-8.7
2001-02		6.728		522	0.89	105	29.8	27.8	-2.0	-6.7
2002-03		6.352		387	0.88	87	24.9	22.5	-2.4	-9.6
2003-04		5.721		499	0.88	101	24.9	25.0	0.1	0.4
2004-05		5.079		242	0.73	97	9.7	9.4	-0.3	-3.1
2005-06		4.330		248	0.89	91	10.5	12.8	2.3	21.9
2006-07	4.232	4.243	449	447	0.84	91	17.5	17.9	0.4	2.3
Tangelos										
1997-98		1.487		700	0.91	218	4.3	2.85	-1.45	-33.7
1998-99		1.439		620	0.86	257	3.0	2.55	-0.45	-15.0
1999-00		1.382		622	0.91	231	3.4	2.20	-1.20	-35.3
2000-01		1.338		621	0.92	262	2.9	2.10	-0.80	-27.6
2001-02		1.211		685	0.89	232	3.2	2.15	-1.05	-32.8
2002-03		1.151		719	0.91	213	3.5	2.35	-1.15	-32.9
2003-04		0.910		339	0.92	208	1.4	1.00	-0.40	-28.6
2004-05		0.814		613	0.86	291	1.5	1.55	0.05	3.3
2005-06		0.778		704	0.89	289	1.7	1.40	-0.30	-17.6
2006-07	0.704	0.749	550	562	0.94	239 240	1.5 1.6	1.25	-0.25 -0.35	-16.7 -21.9

^{1/} Proportion harvested, fruit per box, and survey expansion are as of cut-off survey which is the final survey month for the direct expansion. Cut-off is February 1 for grapefruit and December 1 for tangelos.

^{2/} Survey Expansion = $\frac{\text{Trees} \times \text{Fruit per Tree} \times \text{Proportion Harvested}}{\text{Fruit per Box}}$

^{3/} Final production includes seedy grapefruit beginning in 2000-01.

^{4/} Includes 5.0 million boxes of economic abandonment.

^{5/} Includes 1.0 million boxes of economic abandonment.

^{6/} Includes 2.0 million boxes of economic abandonment.

This page was originally part of the Citrus Crop Estimates Advisory Committee report presented 9/14/2007. Revisions to the 2006-07 bearing trees have led to a recalculation of yield components. Original numbers have been struck out with the revised figure placed to the left where applicable.