



CITRUS

**2010-2011 CITRUS SUMMARY
PRODUCTION, PRICE AND VALUE
PRODUCTION BY COUNTY AND PER TREE**

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September 22, 2011

All Citrus Production Up 4 Percent

Florida accounted for 63 percent of the total U.S. citrus production with 165.9 million boxes of citrus in the 2010-2011 season, up 4 percent from the previous season's revised 159.4 million boxes. Production increases were noted for all varieties except white and colored grapefruit and the late maturing Honey tangerines.

All orange production increased 5 percent to 140.3 million boxes. Navel production is 2.65 million boxes, up 15 percent from last season. All grapefruit production is down 2.7 percent to 19.8 million boxes. Honey tangerine production is down 6.8 percent from the previous season but offset by a 16 percent increase in early tangerines, resulting in a 4.5 percent increase in all tangerines.

The \$1.145 billion preliminary value of the 2010-2011 citrus crop is 2 percent greater than the revised value of \$1.118 billion for 2009-2010. The price per box is higher for non-Valencia oranges, tangelos, and Honey tangerines. The tangelo on-tree value increased 58 percent from last season. Only the grapefruit on-tree values are lower.

Florida Citrus Production, Utilization, Price, and Value, by Variety: Crop Years 2009-2010 and 2010-2011

Variety	Production (1,000 boxes)	Crop utilization		On-tree	
		Fresh use (1,000 boxes)	Processing (1,000 boxes)	Price per box (dollars)	Value of Production (1,000 dollars)
Non-Valencia Oranges					
2009-2010	68,600	3,827	64,773	5.92	406,416
2010-2011	70,300	4,122	66,178	5.98	420,539
Valencia Oranges					
2009-2010	65,100	2,033	63,067	7.87	512,456
2010-2011	70,000	1,801	68,199	7.68	537,403
All Oranges					
2009-2010	133,700	5,860	127,840	6.87	918,872
2010-2011	140,300	5,923	134,377	6.83	957,942
White Grapefruit					
2009-2010	6,000	1,526	4,474	5.64	33,865
2010-2011	5,850	1,378	4,472	5.55	32,476
Colored Grapefruit					
2009-2010	14,300	7,831	6,469	8.26	118,170
2010-2011	13,900	7,003	6,897	7.12	98,982
All Grapefruit					
2009-2010	20,300	9,357	10,943	7.49	152,035
2010-2011	19,750	8,381	11,369	6.66	131,458
Tangelos					
2009-2010	900	415	485	4.59	4,127
2010-2011	1,150	443	707	5.68	6,532
Early Tangerines ¹					
2009-2010	2,250	1,550	700	10.32	23,210
2010-2011	2,600	1,742	858	9.68	25,172
Honey Tangerines					
2009-2010	2,200	1,461	739	9.11	20,033
2010-2011	2,050	1,265	785	11.48	23,541
All Tangerines					
2009-2010	4,450	3,011	1,439	9.73	43,309
2010-2011	4,650	3,007	1,643	10.51	48,863
All Citrus					
2009-2010	159,350	(X)	(X)	(X)	1,118,343
2010-2011	165,850	(X)	(X)	(X)	1,144,795

X Not applicable.

¹ Fallglo and Sunburst varieties.

Citrus Production by County and Production Area, by Type — Florida: 2010-2011

County	All Citrus (1,000 boxes)	Oranges			Grapefruit		
		Non-Valencia (1,000 boxes)	Late (Valencia) (1,000 boxes)	All (1,000 boxes)	White (1,000 boxes)	Colored (1,000 boxes)	All (1,000 boxes)
Brevard.....	637	307	225	532	24	45	69
Charlotte.....	3,011	857	1,617	2,474	9	315	324
Collier.....	8,651	3,889	4,302	8,191	23	286	309
DeSoto.....	17,484	7,092	10,042	17,134	25	110	135
Glades.....	2,580	1,470	1,005	2,475	-	22	22
Hardee.....	12,839	8,352	4,032	12,384	21	118	139
Hendry.....	19,257	7,744	10,408	18,152	138	591	729
Hernando.....	227	200	2	202	1	5	6
Highlands.....	23,061	8,396	13,421	21,817	343	349	692
Hillsborough.....	2,741	1,898	623	2,521	5	16	21
Indian River.....	10,186	1,774	1,173	2,947	2,740	4,332	7,072
Lake.....	4,220	2,211	734	2,945	58	411	469
Lee.....	2,880	1,043	1,505	2,548	18	203	221
Manatee.....	6,124	3,457	2,484	5,941	33	62	95
Marion.....	355	245	44	289	3	14	17
Martin.....	2,407	640	1,599	2,239	66	62	128
Okeechobee.....	1,743	822	596	1,418	75	157	232
Orange.....	1,138	657	360	1,017	8	26	34
Osceola.....	3,287	1,786	973	2,759	239	203	442
Pasco.....	2,491	1,869	489	2,358	6	31	37
Polk.....	29,761	13,966	12,418	26,384	609	1,036	1,645
St. Lucie.....	9,811	1,220	1,773	2,993	1,375	5,292	6,667
Sarasota.....	361	95	119	214	14	93	107
Seminole.....	129	82	15	97	-	12	12
Volusia.....	245	152	31	183	15	37	52
Other ²	224	76	10	86	2	72	74
Total.....	165,850	70,300	70,000	140,300	5,850	13,900	19,750
Indian River.....	20,349	2,900	3,100	6,000	4,200	9,800	14,000
Northern.....	8,801	5,445	1,671	7,116	76	518	594
Central.....	55,792	23,955	26,729	50,684	1,174	1,582	2,756
Western.....	39,559	20,900	17,300	38,200	100	400	500
Southern.....	41,349	17,100	21,200	38,300	300	1,600	1,900
Total.....	165,850	70,300	70,000	140,300	5,850	13,900	19,750

See footnote(s) at end of table.

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Citrus Production by County and Production Area, by Type — Florida: 2010-2011 (continued)

County	Tangerines			Tangelos
	Early ¹	Honey	All	
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
Brevard	16	2	18	18
Charlotte	91	103	194	19
Collier	47	96	143	8
DeSoto	54	146	200	15
Glades	12	69	81	2
Hardee	137	121	258	58
Hendry	58	235	293	83
Hernando	12	2	14	5
Highlands	258	235	493	59
Hillsborough	99	57	156	43
Indian River	74	45	119	48
Lake	478	143	621	185
Lee	37	69	106	5
Manatee	10	36	46	42
Marion	42	1	43	6
Martin	13	14	27	13
Okeechobee	30	32	62	31
Orange	43	15	58	29
Osceola	51	12	63	23
Pasco	55	32	87	9
Polk	902	513	1,415	317
St. Lucie	35	64	99	52
Sarasota	12	5	17	23
Seminole	5	3	8	12
Volusia	5	-	5	5
Other ²	24	-	24	40
Total	2,600	2,050	4,650	1,150
Indian River	116	106	222	127
Northern	647	196	843	248
Central	1,205	753	1,958	394
Western	312	365	677	182
Southern	320	630	950	199
Total	2,600	2,050	4,650	1,150

- Represents zero.

¹ Fallglo and Sunburst varieties.

² Alachua, Citrus, Palm Beach, Pinellas, and Putnam Counties.

Total citrus production in 2010-2011 was up in the Central and Southern areas but down in Indian River, Northern, and the Western areas from the 2009-2010 season. The Northern and Western areas were down the most with decreases of 968 thousand and 915 thousand boxes respectively. Production of Indian River grapefruit was unchanged and losses in late season Valencia oranges and Honey tangerines were nearly offset by increases in early and midseason varieties. The top 5 citrus producing counties were Polk (29.8 million), Highlands (23.1 million), Hendry (19.3 million), DeSoto (17.5 million), and Hardee (12.8 million). The greatest losses of production occurred in Martin and DeSoto Counties.

Estimates of county production are prepared from objective survey data used in forecasting citrus crop production. The apportionment of final harvest to the counties is based on bearing trees, an estimate of the average fruit per tree, and the drop and size surveys. Sample size used in these surveys and the distribution of the sample groves around the State are chosen to minimize error in the estimates of production and are not to be considered as accurate for the counties as at the State or area levels.

Non-Valencia Orange Estimated Boxes of Fruit per Tree, by Age Group by Production Area — Florida: 2006-2007 through 2010-2011

Production Area	Age of trees					Average ¹
	3 – 5 years	6 – 8 years	9 – 13 years	14 – 23 years	24 years and older	
	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)
2006-2007	1.1	1.8	1.8	2.5	3.6	2.36
Indian River	0.2	0.6	0.9	1.5	1.9	1.33
Northern & Central	0.7	2.2	2.2	2.6	4.9	2.64
Western	2.1	2.3	2.0	3.0	3.7	2.80
Southern	0.4	1.2	1.6	2.3	3.1	1.96
2007-2008	0.8	1.9	2.5	3.4	4.8	3.11
Indian River	0.5	2.0	1.3	2.3	2.6	2.05
Northern & Central	0.9	2.2	2.9	4.0	5.9	3.78
Western	0.9	1.9	2.7	3.7	4.5	3.11
Southern	0.5	1.7	2.5	2.8	5.5	2.68
2008-2009	1.2	1.8	2.9	3.5	4.7	3.21
Indian River	0.3	1.2	1.4	2.5	2.8	2.18
Northern & Central	1.2	1.8	3.7	3.9	6.0	3.83
Western	1.6	2.3	3.0	3.7	4.9	3.40
Southern	0.9	1.4	2.4	2.9	3.6	2.55
2009-2010	1.0	1.8	2.1	2.8	4.0	2.66
Indian River	0.2	1.1	0.9	1.5	1.7	1.37
Northern & Central	1.2	2.0	2.6	3.4	5.0	3.30
Western	1.0	2.2	2.4	3.0	4.2	2.81
Southern	0.8	1.2	1.8	2.2	3.2	2.04
2010-2011	0.8	1.6	2.1	3.0	4.2	2.78
Indian River	0.4	0.9	1.1	1.4	2.5	1.70
Northern & Central	1.4	1.8	2.5	3.5	4.9	3.35
Western	0.6	1.7	2.1	3.1	4.0	2.62
Southern	0.6	1.3	1.9	2.6	4.4	2.52
Average ¹	1.00	1.76	2.27	3.05	4.27	2.82
Indian River	0.32	1.21	1.13	1.88	2.31	1.73
Northern & Central	1.08	1.99	2.78	3.46	5.33	3.38
Western	1.29	2.04	2.39	3.32	4.25	2.95
Southern	0.59	1.36	2.03	2.56	3.98	2.34

¹ Average weighted by bearing trees.

The Florida Agricultural Statistics Service conducts objective surveys to determine fruit per tree, average sizes, and droppage between August and maturity. These data are used to estimate production per tree for each of four types of citrus fruit, as shown in the following tables. The estimates of production per tree are based on official end-of-season production estimates and the number of bearing trees indicated by the Commercial Citrus Inventory. The averages of boxes per tree for age groups shown are calculated from estimates of fruit per tree in August, size at maturity, and drop between August and maturity. Additionally, the boxes are subdivided by production areas. Estimated boxes by types and age groups are weighted averages of the indicated seasons. Small sample sizes in some age/area cells and rounding may contribute to inconsistent averages.

Valencia Orange Estimated Boxes of Fruit per Tree, by Age Group by Production Area — Florida: 2006-2007 through 2010-2011

Production Area	Age of trees					Average ¹
	3 – 5 years	6 – 8 years	9 – 13 years	14 – 23 years	24 years and older	
	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)
2006-2007	0.6	1.5	1.5	1.9	2.7	1.75
Indian River	0.2	0.4	0.8	1.4	1.9	1.09
Northern & Central	1.0	1.1	1.7	2.2	3.3	2.01
Western.....	0.6	2.2	1.7	1.9	2.7	1.91
Southern	0.4	1.4	1.6	1.8	2.5	1.68
2007-2008	0.7	2.1	2.5	2.5	4.1	2.48
Indian River	0.7	0.3	1.4	1.7	2.5	1.54
Northern & Central	0.8	2.6	2.6	2.9	4.8	2.90
Western.....	0.9	2.7	3.0	3.1	4.2	3.01
Southern	0.5	1.9	2.3	2.2	3.8	2.16
2008-2009	0.9	1.8	2.3	2.3	3.4	2.26
Indian River	1.2	0.7	0.9	1.6	1.9	1.39
Northern & Central	0.9	2.0	2.3	2.6	4.2	2.61
Western.....	1.2	2.0	2.6	2.6	3.5	2.52
Southern	0.6	1.9	2.4	2.1	3.1	2.10
2009-2010	1.0	1.4	2.0	1.9	2.9	1.92
Indian River	0.6	0.8	0.8	1.1	1.0	1.00
Northern & Central	1.3	1.5	2.6	2.5	4.0	2.58
Western.....	1.0	1.9	2.1	2.2	3.3	2.19
Southern	0.6	1.2	1.4	1.5	2.0	1.48
2010-2011	0.5	1.2	2.1	2.2	3.1	2.13
Indian River	0.3	0.2	0.7	0.9	1.4	0.92
Northern & Central	0.9	1.7	2.6	2.8	4.2	2.76
Western.....	0.5	1.2	2.5	2.4	3.0	2.24
Southern	0.0	1.0	1.6	1.9	2.8	1.84
Average ¹	0.73	1.61	2.07	2.14	3.24	2.11
Indian River	0.50	0.53	0.93	1.35	1.72	1.20
Northern & Central	0.96	1.78	2.36	2.61	4.10	2.57
Western.....	0.84	2.05	2.42	2.46	3.36	2.37
Southern	0.43	1.52	1.86	1.91	2.80	1.85

¹ Average weighted by bearing trees.

White Grapefruit Estimated Boxes of Fruit per Tree, by Age Group by Production Area — Florida: 2006-2007 through 2010-2011

Production Area	Age of trees					Average ¹
	3 – 5 years	6 – 8 years	9 – 13 years	14 – 23 years	24 years and older	
	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)
2006-2007	0.3	2.9	4.0	4.2	5.9	4.47
Indian River	0.3	2.5	4.0	3.9	5.8	4.28
Northern & Central	0.5	1.9	5.0	5.6	7.0	5.46
Western	(X)	(X)	4.2	1.9	6.1	4.26
Southern	0.9	6.7	2.5	4.8	5.8	4.74
2007-2008	1.6	4.1	3.2	4.5	6.3	4.75
Indian River	1.5	4.0	2.9	4.2	6.1	4.52
Northern & Central	0.7	3.0	5.7	6.4	7.8	6.31
Western	8.3	(X)	1.8	4.8	10.0	7.50
Southern	0.8	5.6	3.7	4.0	4.6	4.05
2008-2009	1.1	2.3	2.8	3.8	5.1	3.95
Indian River	0.9	2.2	2.1	3.5	4.4	3.51
Northern & Central	1.7	2.7	6.6	5.2	10.0	6.36
Western	(X)	7.0	5.0	3.8	9.2	6.67
Southern	2.3	1.9	6.3	3.7	3.5	3.57
2009-2010	0.9	1.9	3.3	3.7	5.4	4.07
Indian River	0.9	1.3	3.3	3.2	4.8	3.65
Northern & Central	0.4	2.6	3.3	4.8	8.8	5.61
Western	(X)	7.7	(X)	7.6	6.9	7.41
Southern	(X)	2.7	4.0	4.2	5.9	4.51
2010-2011	1.6	2.6	2.0	3.7	5.5	4.08
Indian River	1.7	3.2	1.7	3.2	5.4	3.81
Northern & Central	1.0	0.7	3.4	6.4	8.0	6.10
Western	4.0	(X)	(X)	5.6	3.2	4.17
Southern	(X)	1.8	5.0	3.1	2.5	2.94
Average ¹	0.92	2.79	3.24	3.99	5.68	4.29
Indian River	0.83	2.66	3.01	3.63	5.35	3.99
Northern & Central	0.76	2.16	4.93	5.67	8.28	5.96
Western	7.23	7.33	3.71	4.43	7.22	5.95
Southern	1.05	3.90	3.18	4.07	4.70	4.09

X Not applicable.

¹ Average weighted by bearing trees.

Colored Grapefruit Estimated Boxes of Fruit per Tree, by Age Group by Production Area — Florida: 2006-2007 through 2010-2011

Production Area	Age of trees					Average ¹
	3 – 5 years	6 – 8 years	9 – 13 years	14 – 23 years	24 years and older	
	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)
2006-2007	1.0	2.7	3.4	4.2	5.9	4.23
Indian River	0.7	3.8	3.2	4.0	5.9	4.23
Northern & Central.....	2.7	1.1	4.8	5.9	6.1	5.57
Western.....	6.2	1.0	10.2	5.5	8.2	5.93
Southern.....	0.1	1.1	2.8	3.7	4.6	3.11
2007-2008	1.6	2.9	3.2	4.0	6.3	4.30
Indian River	1.7	2.3	2.9	3.4	6.1	4.04
Northern & Central.....	3.1	2.7	8.1	7.3	9.1	7.14
Western.....	0.5	4.2	2.7	3.1	3.2	3.20
Southern.....	1.0	4.2	2.5	4.3	12.4	4.10
2008-2009	1.4	1.3	2.8	3.7	5.2	3.81
Indian River	1.3	0.9	2.9	2.9	5.1	3.48
Northern & Central.....	2.9	3.2	4.7	6.4	6.6	6.13
Western.....	4.6	1.9	5.8	5.9	9.2	5.56
Southern.....	1.1	2.8	1.9	3.9	7.6	3.67
2009-2010	1.3	3.0	2.8	3.6	5.3	3.84
Indian River	1.2	3.1	2.8	3.0	5.2	3.67
Northern & Central.....	2.4	3.8	2.9	6.0	8.8	5.93
Western.....	2.6	2.8	5.0	3.0	4.2	3.10
Southern.....	1.1	1.6	2.4	3.7	7.0	3.49
2010-2011	1.8	1.4	3.4	3.8	5.0	3.86
Indian River	2.1	1.2	3.5	3.4	4.9	3.77
Northern & Central.....	1.9	2.9	4.8	6.4	7.6	6.07
Western.....	0.6	3.0	2.9	3.8	4.0	2.90
Southern.....	2.2	1.5	2.6	3.0	7.1	3.10
Average ¹	1.42	2.21	3.17	3.89	5.52	4.02
Indian River	1.34	2.11	3.07	3.37	5.39	3.84
Northern & Central.....	2.64	2.94	5.12	6.40	7.63	6.16
Western.....	2.54	2.92	5.03	4.31	5.68	4.14
Southern.....	1.02	2.07	2.47	3.74	7.41	3.50

¹ Average weighted by bearing trees.

Citrus Equivalent Return per Box, by Variety and Utilization – Florida: Crop Years 2008-2009 through 2010-2011

[2008-2009 and 2009-2010 revised to reflect final payments in cooperative and participation plans and changes in pick, haul and packing charges. 2010-2011 preliminary price based on cash sales only]

Fruit type	Methods of sale			Fruit type	Methods of sale		
	Fresh (dollars)	Processing (dollars)	All (dollars)		Fresh (dollars)	Processing (dollars)	All (dollars)
Oranges				Grapefruit			
Navel				White			
2008-2009	8.30	-1.92	6.42	2008-2009	6.30	0.62	1.82
2009-2010	12.40	-1.03	9.91	2009-2010	14.10	2.76	5.64
2010-2011	12.45	2.11	10.98	2010-2011	13.15	3.21	5.55
Non-Valencia, excl. Navel				Colored			
2008-2009	4.00	5.06	5.04	2008-2009	8.50	0.44	4.68
2009-2010	8.40	5.70	5.78	2009-2010	13.00	2.53	8.26
2010-2011	7.85	5.73	5.79	2010-2011	10.50	3.69	7.12
Non-Valencia				All Grapefruit			
2008-2009	6.40	5.02	5.09	2008-2009	8.17	0.52	3.81
2009-2010	10.40	5.66	5.92	2009-2010	13.18	2.62	7.49
2010-2011	10.35	5.71	5.98	2010-2011	10.94	3.50	6.66
Valencia				Tangerines			
2008-2009	3.60	6.60	6.50	Early ¹			
2009-2010	10.10	7.80	7.87	2008-2009	8.35	-2.60	5.59
2010-2011	10.60	7.60	7.68	2009-2010	15.90	-2.05	10.32
All Oranges				2010-2011	13.15	2.64	9.68
2008-2009	5.36	5.78	5.77	Honey			
2009-2010	10.30	6.72	6.87	2008-2009	12.25	-1.94	8.20
2010-2011	10.43	6.67	6.83	2009-2010	14.00	-0.57	9.11
Tangelos				2010-2011	15.65	4.77	11.48
2008-2009	5.50	-1.22	1.73	All Tangerines			
2009-2010	9.50	0.38	4.59	2008-2009	9.65	-2.36	6.49
2010-2011	7.85	4.32	5.68	2009-2010	15.00	-1.29	9.73
				2010-2011	14.25	3.66	10.51

¹ Fallglo and Sunburst varieties.

Citrus Bearing Trees by Variety and Age Group – Florida: Crop Year 2010-2011

Fruit type	Age 1 2005-2007	Age 2 2002-2004	Age 3 1997-2001	Age 4 1987-1996	Age 5 1986 and earlier	Total bearing trees
	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)
Non-Valencia Oranges	2,136	2,533	3,839	11,607	5,138	25,253
Valencia Oranges	1,948	2,452	6,270	17,370	4,865	32,905
White Grapefruit	14	58	113	773	476	1,434
Colored Grapefruit	223	229	218	1,811	1,121	3,602