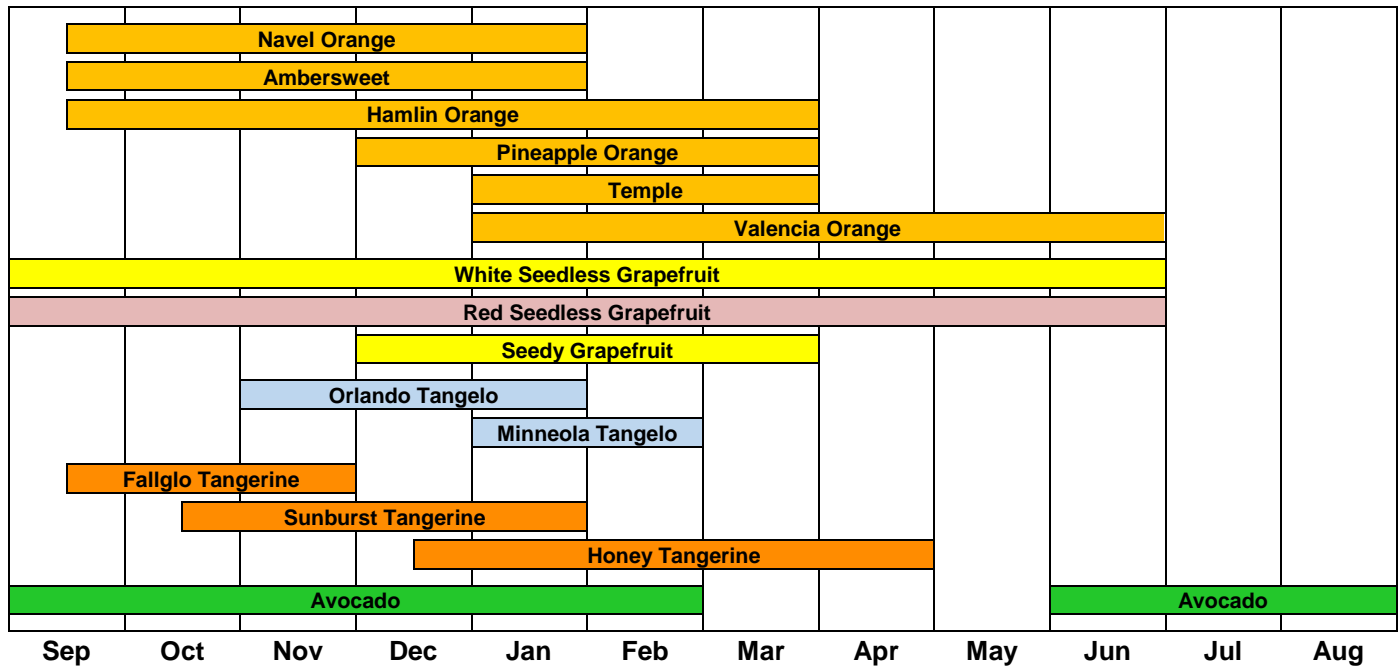


# Florida Citrus Harvesting Season



## U.S. and Florida Production

United States citrus utilized production for the 2015-2016 season totaled 8.56 million tons, down 6 percent from the 2014-2015 season. Florida accounted for 49 percent of total U.S. citrus production; California totaled 47 percent, and Texas and Arizona combined produced the remaining 4 percent.

Florida's share of U.S. citrus production was 94.2 million boxes in the 2015-2016 season, down 16 percent from the previous season's 113 million boxes. Production decreased for all citrus varieties when compared to the previous season.

Florida's all orange production decreased by 16 percent to 81.6 million boxes. All grapefruit production is down 16 percent to 10.8 million boxes. Production of tangerines is down 38 percent, and tangelo production is down 41 percent.

## Production by Area and County

The top 5 citrus producing counties were Hendry (14.3 million boxes), DeSoto (12.8 million), Polk (12.5 million), Highlands (9.74 million), and Hardee (8.44 million). Together they account for 61 percent of the state's total citrus production. The Southern area had the most citrus, followed by the Western and Central areas. The remaining two areas, the Indian River and Northern area, account for only 16 percent of the state's total citrus production. Oranges constitute 87 percent of the citrus production, grapefruit accounted for over 11 percent, and tangerines and tangelos represent only 2 percent.

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 precise for the counties as at the state or area levels.

## Value

The value of the 2015-16 United States citrus crop decreased slightly from last season, to \$3.34 billion (packinghouse door equivalent). Orange value of production decreased 13 percent from last season and grapefruit value is up 16 percent. Tangerine and mandarin value of production is 36 percent higher than last season and lemon value of production is up 5 percent. Tangelo value decreased 6 percent from the previous season.

Florida's \$825 million preliminary on-tree value of the 2015-2016 citrus crop is 21 percent less than the revised value of \$1.05 billion for 2014-2015. The price per box is lower for oranges and Honey tangerines, but higher for the grapefruit, tangelos and early tangerines. Only grapefruit and tangelos have a higher value of production than last season.

### Citrus Value of Sales On-Tree – Florida: Crop Years 2006-2007 through 2015-2016

Crop year	Value <sup>1</sup> (1,000 dollars)	Crop year	Value <sup>1</sup> (1,000 dollars)
2006-2007.....	1,499,112	2011-2012.....	1,640,423
2007-2008.....	1,283,994	2012-2013.....	1,164,763
2008-2009.....	1,046,735	2013-2014.....	1,173,181
2009-2010.....	1,131,107	2014-2015 <sup>2</sup> .....	1,049,743
2010-2011.....	1,368,626	2015-2016 <sup>3</sup> .....	825,253

<sup>1</sup> Excludes lemons.

<sup>2</sup> Revised.

<sup>3</sup> Preliminary.

## Foreign Exports

Fresh fruit exports totaled 6.0 million 4/5 bushel cartons. Japan accounted for the majority of Florida's grapefruit exports. Canada received most of Florida's orange and tangerine exports. A total of 10.4 million gallons of Frozen Concentrated Orange Juice (FCOJ), and 1.7 million gallons of Frozen Concentrated Grapefruit Juice (FCGJ) were exported in the 2015-2016 season.

## Frozen Concentrate

Final Frozen Concentrated Orange Juice (FCOJ) yield, as reported by the Florida Department of Citrus, was 1.405527 gallons per box of 42° Brix concentrate. This 2015-2016 yield is the lowest since the 1989-1990 freeze affected season. The early-midseason portion of the crop finalized at 1.347046 gallons per box. The late crop yielded 1.472983 gallons per box.

The final Frozen Concentrated Grapefruit Juice (FCGJ) yield was 1.182574 gallons per box of 40° Brix concentrate, up from the previous season's final of 1.174619 gallons per box. A record FCGJ yield of 1.364660 gallons was set in the 2006-2007 season.

The final Frozen Concentrated Tangerine Juice (FCTJ) yield of 1.275460 gallons per box of 42° Brix concentrate was lower than last season's final of 1.372700 gallons per box. A record FCTJ yield of 1.757423 gallons was set in the 1992-1993 season.

### Citrus Average Price Delivered-in Processed Fruit – Florida: Crop Year 2015-2016

Variety	Price per box (dollars)	Price per pound of solids (dollars)
All oranges.....	10.730920	1.828282
Early-midseason.....	9.651116	1.709664
Valencia.....	11.621749	1.919522
All grapefruit.....	8.495437	1.864454
White.....	8.206310	1.834339
Red.....	8.748605	1.889938

SOURCE: Florida Department of Citrus

## Tree Inventory

Results of the annual Commercial Citrus Inventory show total citrus acreage is 480,121 acres, down 4 percent from the last survey and the lowest in a series which began in 1966. The gross loss of 31,365 acres is the largest loss recorded in a single season since beginning one year interval surveys in 2009. New plantings, at 10,090 acres is less than each of the last two seasons.

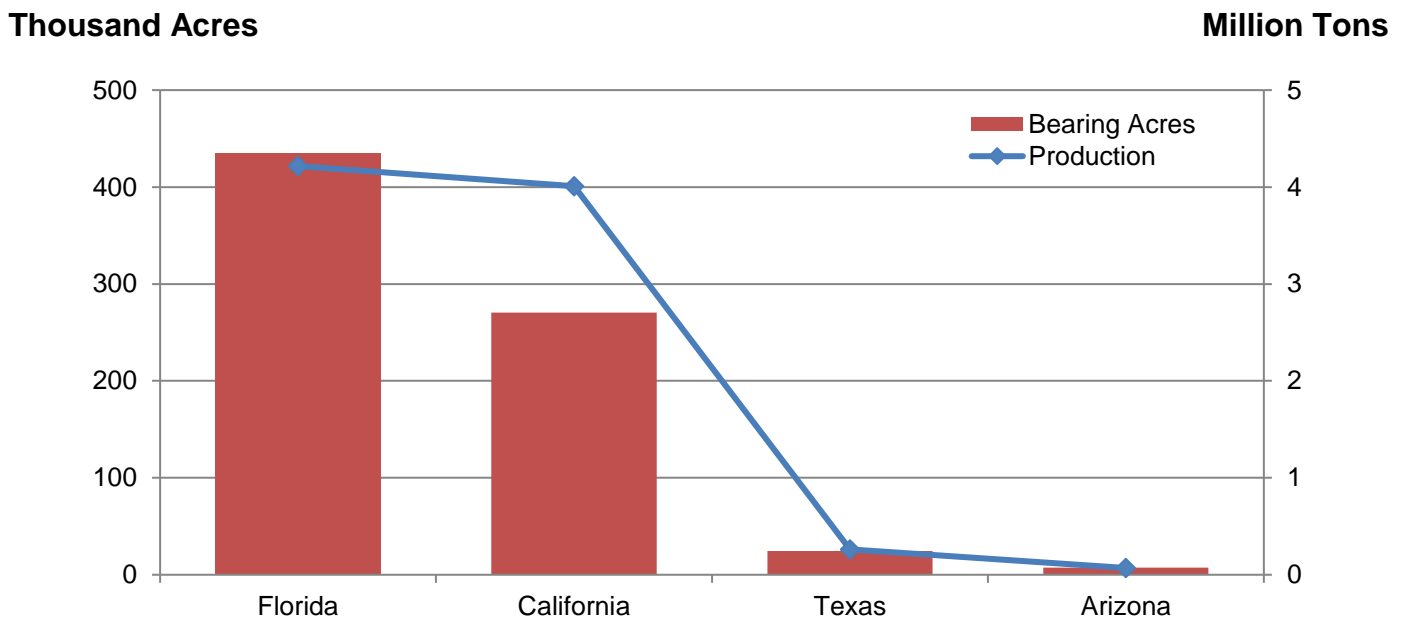
Of the 27 counties included in the survey, 24 recorded decreases in acreage, 3 showed increases. Polk County had the largest decrease in acreage, down 4,033 acres from last year, while Hillsborough County had the highest percentage net loss, with a 33 percent reduction in acreage. Hendry County had the highest gain with 512 acres, followed by DeSoto and Charlotte counties. Polk remains the leader in acres with 76,455 acres.

Orange acreage declined to 425,728, continuing a trend that began after the 2000 survey. Valencia acreage accounts for over 54 percent of the total orange acreage, non-Valencia acreage represents just under 43 percent, and unidentified acreage is 3 percent.

Grapefruit acreage is now at 40,316, the lowest in the series. White grapefruit sustained the greater loss at 17 percent, while red seedless grapefruit lost only 4 percent of its total.

Specialty fruit acreage continued to decline and is now at 14,077 acres, down 11 percent from the last survey. Tangelo acreage decreased 17 percent to 2,623. All tangerine acreage fell 17 percent to 8,799 acres.

## Leading Citrus States: Bearing Acreage and Production, Crop Year 2015-2016



### Citrus Box Approximate Net Weight by Fruit Type – States: Crop Year 2015-2016

State	Orange (pounds)	Grapefruit (pounds)	Tangerine (pounds)	Lemon (pounds)	Lime (pounds)
FL.....	<sup>(1)</sup> 90	85	95	90	88
CA.....	<sup>(2)</sup> 80	<sup>(3)</sup> 80	<sup>(2)</sup> 80	<sup>(4)</sup> 80	(X)
TX.....	85	80	(X)	(X)	(X)
AZ.....	(X)	(X)	<sup>(2)</sup> 80	<sup>(4)</sup> 80	(X)

X Not applicable.

<sup>1</sup> Includes Temples and tangelos at 90 pounds.

<sup>2</sup> Was 75 pounds prior to the 2010-2011 season.

<sup>3</sup> Was 67 pounds from the 1993-1994 to 2009-2010 season.

<sup>4</sup> Was 76 pounds prior to the 2010-2011 season.

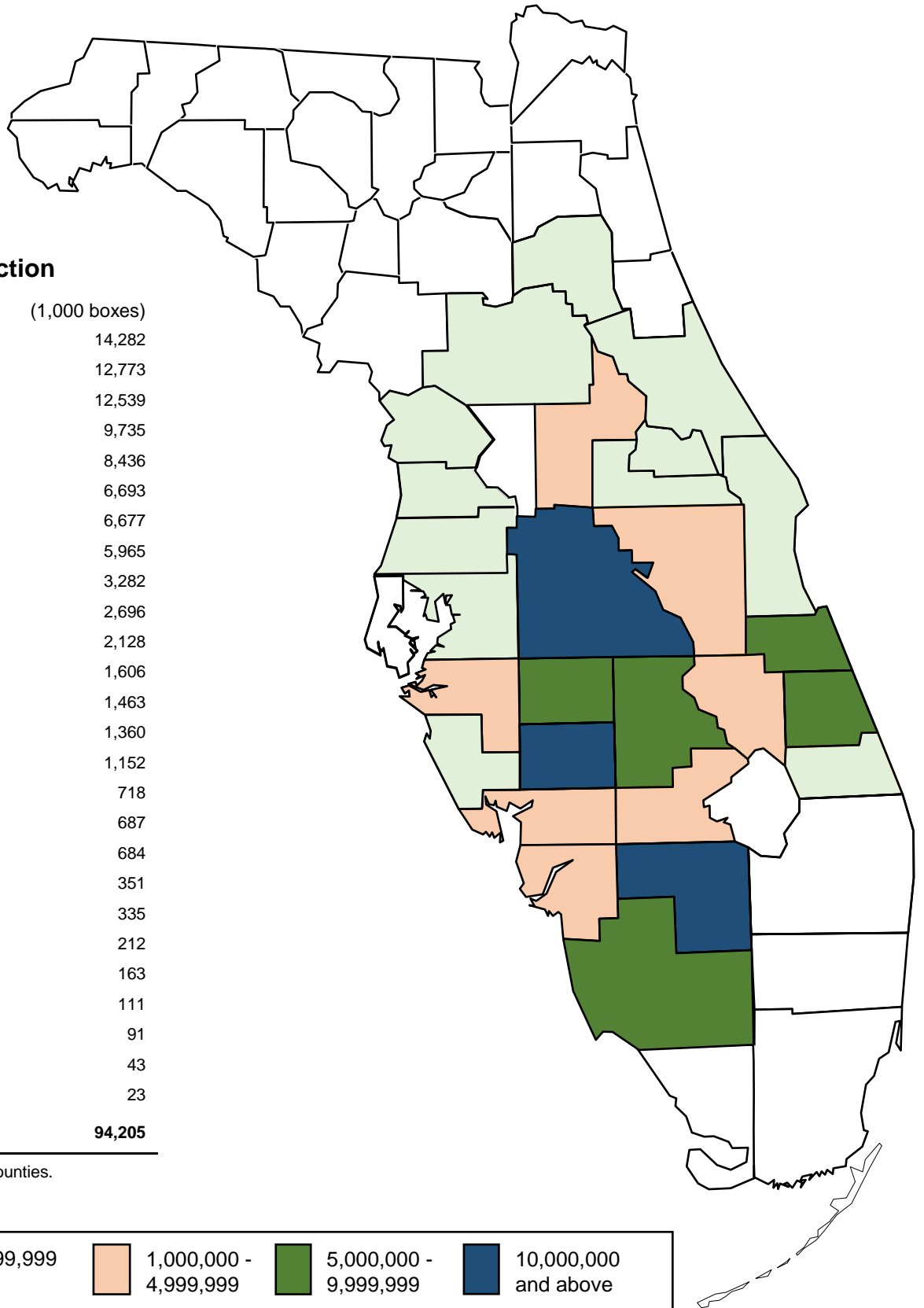
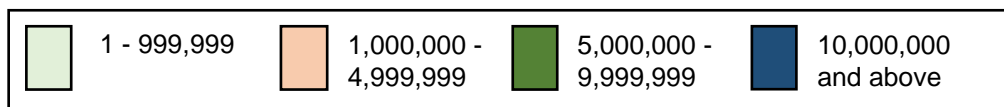
# Citrus Production by County: Crop Year 2015-2016

## Production

(1,000 boxes)

Hendry	14,282
DeSoto	12,773
Polk	12,539
Highlands	9,735
Hardee	8,436
St. Lucie	6,693
Collier	6,677
Indian River	5,965
Manatee	3,282
Charlotte	2,696
Lee	2,128
Lake	1,606
Osceola	1,463
Glades	1,360
Okeechobee	1,152
Hillsborough	718
Pasco	687
Martin	684
Orange	351
Brevard	335
Sarasota	212
Marion	163
Volusia	111
Hernando	91
Seminole	43
Other <sup>1</sup>	23
<b>Total</b>	<b>94,205</b>

<sup>1</sup> Citrus and Putnam counties.



**Citrus Production by Type, by County and Production Area – Florida: Crop Year 2015-2016**

County and area	Oranges			Grapefruit			Specialty fruit <sup>2</sup>	All citrus
	Non-Valencia <sup>1</sup>	Late (Valencia)	All	White	Red	All		
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
Brevard.....	164	142	306	-	11	11	18	335
Charlotte.....	805	1,668	2,473	8	126	134	89	2,696
Collier.....	2,784	3,619	6,403	10	172	182	92	6,677
DeSoto.....	5,166	7,470	12,636	5	96	101	36	12,773
Glades.....	727	608	1,335	-	5	5	20	1,360
Hardee.....	5,533	2,762	8,295	2	83	85	56	8,436
Hendry.....	5,086	8,729	13,815	107	192	299	168	14,282
Hernando.....	84	1	85	1	3	4	2	91
Highlands.....	3,139	6,287	9,426	53	91	144	165	9,735
Hillsborough.....	420	264	684	1	8	9	25	718
Indian River.....	717	858	1,575	1,277	3,023	4,300	90	5,965
Lake.....	684	528	1,212	24	182	206	188	1,606
Lee.....	686	1,311	1,997	12	51	63	68	2,128
Manatee.....	1,690	1,552	3,242	4	23	27	13	3,282
Marion.....	97	34	131	1	6	7	25	163
Martin.....	96	579	675	4	1	5	4	684
Okeechobee.....	514	483	997	45	81	126	29	1,152
Orange.....	153	168	321	-	12	12	18	351
Osceola.....	773	532	1,305	69	69	138	20	1,463
Pasco.....	470	193	663	-	8	8	16	687
Polk.....	5,734	5,905	11,639	87	266	353	547	12,539
St. Lucie.....	407	1,687	2,094	777	3,722	4,499	100	6,693
Sarasota.....	63	86	149	1	55	56	7	212
Seminole.....	26	11	37	-	2	2	4	43
Volusia.....	66	21	87	2	17	19	5	111
Other <sup>3</sup> .....	16	2	18	-	5	5	0	23
<b>Total.....</b>	<b>36,100</b>	<b>45,500</b>	<b>81,600</b>	<b>2,490</b>	<b>8,310</b>	<b>10,800</b>	<b>1,805</b>	<b>94,205</b>
Indian River.....	1,031	2,445	3,476	2,041	6,771	8,812	199	12,487
Northern.....	1,579	950	2,529	26	218	244	256	3,029
Central.....	9,455	12,600	22,055	191	424	615	727	23,397
Western.....	12,872	12,134	25,006	13	265	278	137	25,421
Southern.....	11,163	17,371	28,534	219	632	851	486	29,871
<b>Total.....</b>	<b>36,100</b>	<b>45,500</b>	<b>81,600</b>	<b>2,490</b>	<b>8,310</b>	<b>10,800</b>	<b>1,805</b>	<b>94,205</b>

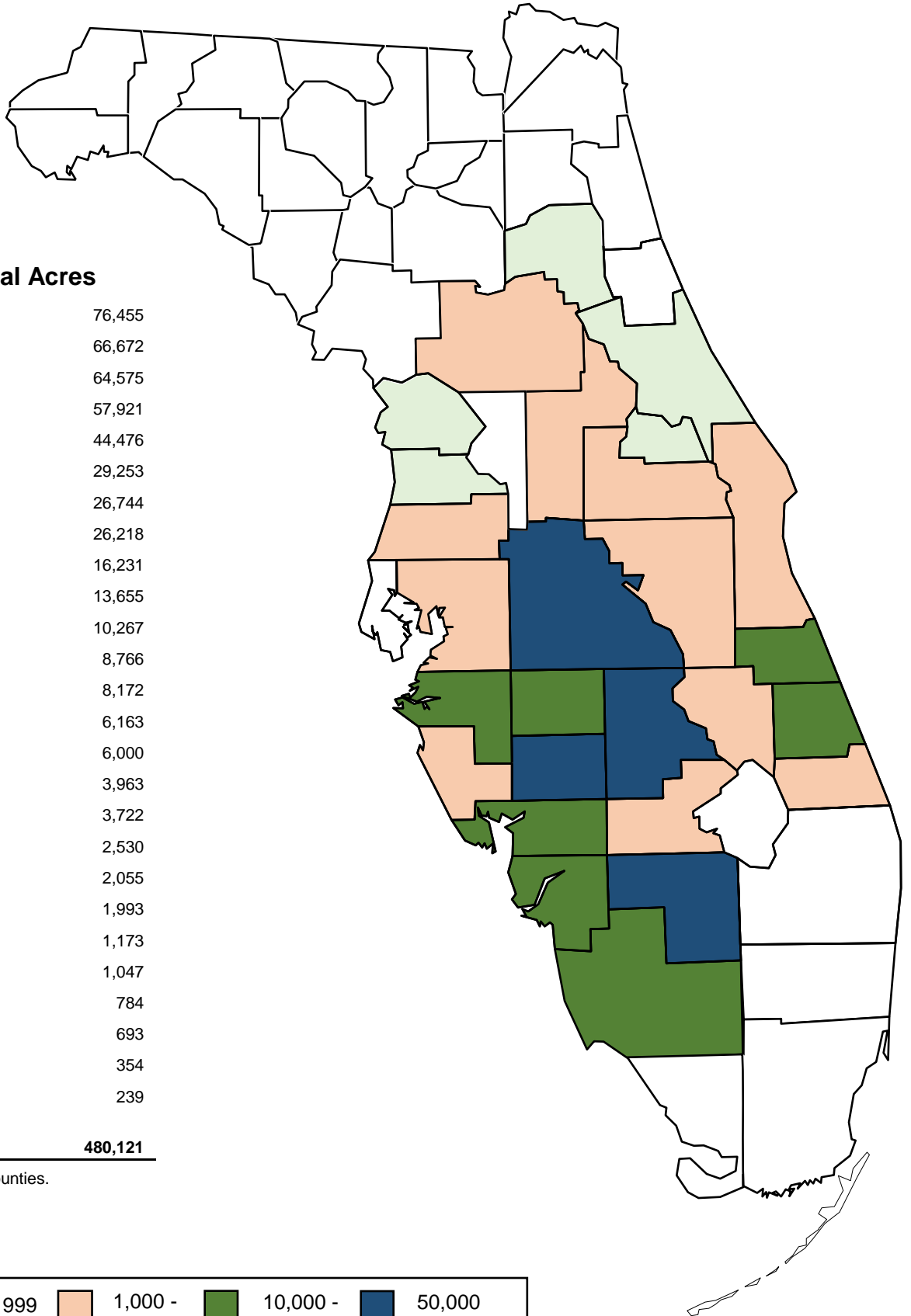
- Represents zero.

<sup>1</sup> Includes early, midseason, Navel, and Temple varieties.

<sup>2</sup> Tangelos and tangerines.

<sup>3</sup> Citrus and Putnam counties.

# Commercial Citrus Acreage by County 2016



## Commercial Acres

Polk	76,455
DeSoto	66,672
Hendry	64,575
Highlands	57,921
Hardee	44,476
Collier	29,253
St. Lucie	26,744
Indian River	26,218
Manatee	16,231
Charlotte	13,655
Lee	10,267
Lake	8,766
Osceola	8,172
Glades	6,163
Okeechobee	6,000
Hillsborough	3,963
Pasco	3,722
Martin	2,530
Brevard	2,055
Orange	1,993
Sarasota	1,173
Marion	1,047
Volusia	784
Hernando	693
Seminole	354
Other <sup>1</sup>	239

**Total** 480,121

<sup>1</sup> Citrus and Putnam counties.



### Citrus Acreage, by Variety and County – Florida: Crop Year 2015-2016

County	Oranges			Grapefruit				Specialty fruit <sup>3</sup>	All citrus
	Non-Valencia <sup>1</sup>	Late (Valencia)	All <sup>2</sup>	Seedless		Seedy	All <sup>2</sup>		
				White	Red				
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Brevard.....	1,088	776	1,895	1	48	-	49	111	2,055
Charlotte.....	3,907	7,549	12,169	35	1,058	-	1,093	393	13,655
Collier.....	10,936	16,492	27,704	36	894	-	930	619	29,253
DeSoto.....	25,192	38,529	65,382	47	582	-	629	661	66,672
Glades.....	3,425	2,561	6,021	-	34	-	34	108	6,163
Hardee.....	28,020	15,249	43,647	11	241	5	257	572	44,476
Hendry.....	20,932	36,984	62,037	263	1,287	-	1,615	923	64,575
Hernando.....	641	6	657	1	9	-	10	26	693
Highlands.....	17,290	38,407	56,088	205	403	245	853	980	57,921
Hillsborough.....	2,242	1,389	3,738	-	34	3	37	188	3,963
Indian River.....	4,824	4,679	9,653	5,121	9,721	-	14,971	1,594	26,218
Lake.....	4,625	2,104	6,831	21	514	32	572	1,363	8,766
Lee.....	3,545	5,730	9,334	46	554	-	600	333	10,267
Manatee.....	8,122	7,807	15,964	24	76	-	100	167	16,231
Marion.....	674	158	870	4	18	-	22	155	1,047
Martin.....	385	2,060	2,473	11	10	-	21	36	2,530
Okeechobee.....	2,294	2,605	4,947	155	608	-	763	290	6,000
Orange.....	992	800	1,799	-	28	-	28	166	1,993
Osceola.....	4,211	3,048	7,302	365	344	-	709	161	8,172
Pasco.....	2,750	703	3,532	-	28	-	28	162	3,722
Polk.....	31,656	35,754	70,345	500	1,532	145	2,212	3,898	76,455
St. Lucie.....	2,853	8,156	11,265	2,354	11,941	-	14,511	968	26,744
Sarasota.....	364	541	930	2	180	3	185	58	1,173
Seminole.....	198	51	266	-	13	-	13	75	354
Volusia.....	544	138	688	4	50	3	57	39	784
Other <sup>4</sup> .....	167	9	191	-	17	-	17	31	239
<b>Total.....</b>	<b>181,877</b>	<b>232,285</b>	<b>425,728</b>	<b>9,206</b>	<b>30,224</b>	<b>436</b>	<b>40,316</b>	<b>14,077</b>	<b>480,121</b>

- Represents zero.

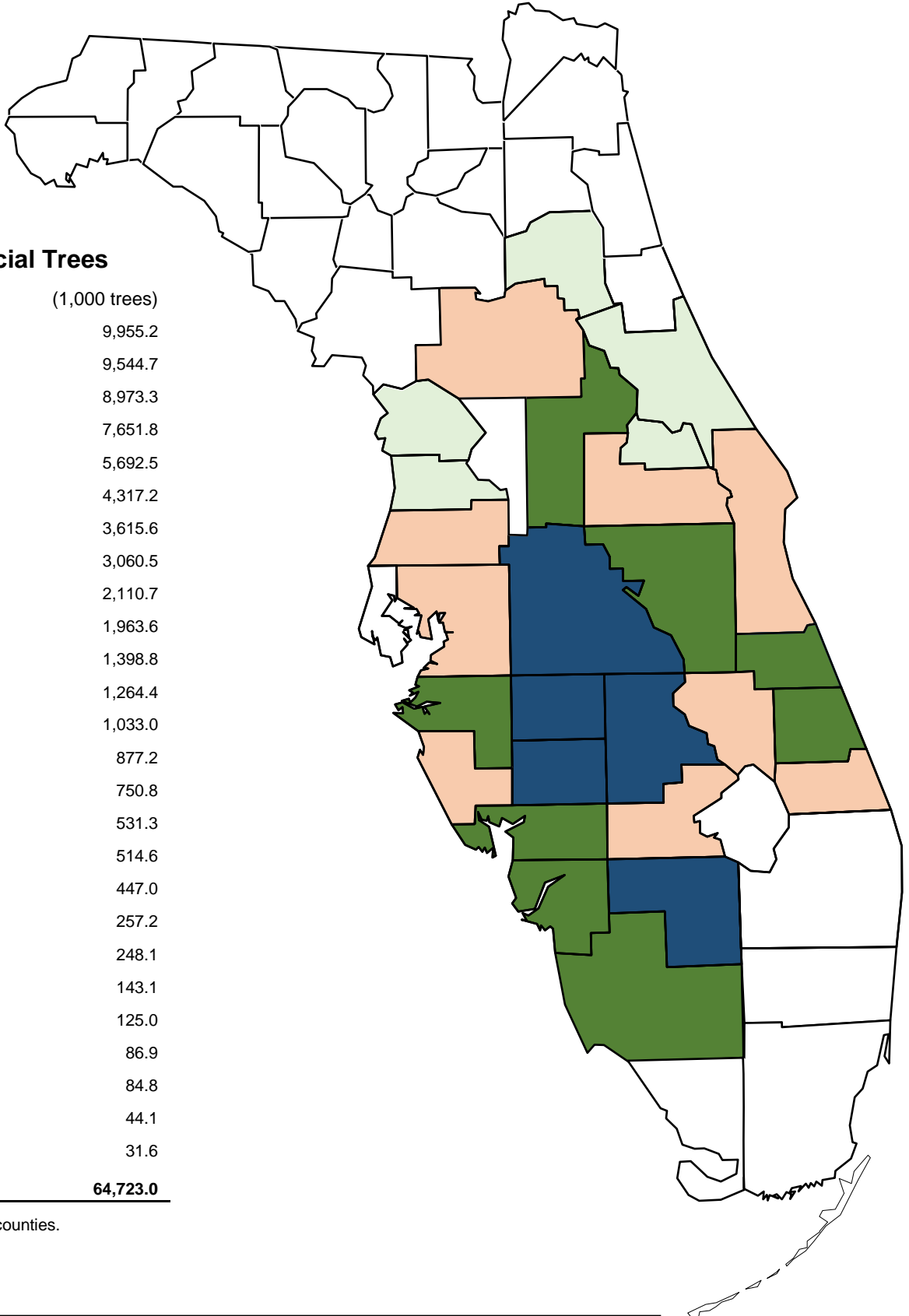
<sup>1</sup> Includes early, midseason, Navel, and Temple varieties.

<sup>2</sup> Includes unidentified variety acreage.

<sup>3</sup> Tangelos, tangerines, lemons, and other citrus.

<sup>4</sup> Citrus and Putnam counties.

# Commercial Citrus Trees by County 2016

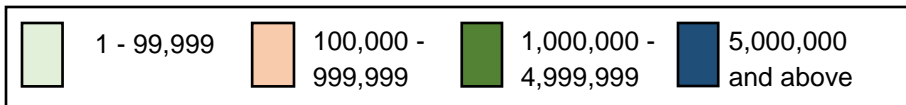


## Commercial Trees

(1,000 trees)

Hendry	9,955.2
Polk	9,544.7
DeSoto	8,973.3
Highlands	7,651.8
Hardee	5,692.5
Collier	4,317.2
St. Lucie	3,615.6
Indian River	3,060.5
Manatee	2,110.7
Charlotte	1,963.6
Lee	1,398.8
Lake	1,264.4
Osceola	1,033.0
Glades	877.2
Okeechobee	750.8
Pasco	531.3
Hillsborough	514.6
Martin	447.0
Brevard	257.2
Orange	248.1
Sarasota	143.1
Marion	125.0
Volusia	86.9
Hernando	84.8
Seminole	44.1
Other <sup>1</sup>	31.6
<b>Total</b>	<b>64,723.0</b>

<sup>1</sup> Citrus and Putnam counties.





**Citrus Trees, by Variety and County – Florida: Crop Year 2015-2016**

County	Oranges			Grapefruit				Specialty fruit <sup>3</sup>	All citrus
	Non-Valencia <sup>1</sup>	Late (Valencia)	All <sup>2</sup>	Seedless		Seedy	All <sup>2</sup>		
				White	Red				
	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	
Brevard.....	139.8	92.0	236.6	0.1	5.9	-	6.0	14.6	257.2
Charlotte.....	554.6	1,081.5	1,741.4	3.7	138.2	-	141.9	80.3	1,963.6
Collier.....	1,637.9	2,446.2	4,116.7	3.9	108.0	-	111.9	88.6	4,317.2
DeSoto.....	3,385.6	5,173.9	8,786.4	5.5	80.0	-	85.5	101.4	8,973.3
Glades.....	475.7	373.0	854.7	-	3.8	-	3.8	18.7	877.2
Hardee.....	3,555.6	1,967.7	5,575.0	1.3	30.5	0.6	32.4	85.1	5,692.5
Hendry.....	3,129.5	5,745.9	9,591.3	35.0	175.7	-	222.8	141.1	9,955.2
Hernando.....	78.2	0.9	80.6	0.1	0.9	-	1.0	3.2	84.8
Highlands.....	2,376.7	4,979.5	7,415.7	19.4	48.8	23.7	91.9	144.2	7,651.8
Hillsborough.....	274.3	191.7	477.0	-	3.4	0.3	3.7	33.9	514.6
Indian River.....	582.8	590.9	1,198.5	483.5	1,090.9	-	1,589.2	272.8	3,060.5
Lake.....	637.6	309.4	962.8	2.2	70.3	3.3	76.3	225.3	1,264.4
Lee.....	453.6	814.0	1,276.8	5.6	65.3	-	70.9	51.1	1,398.8
Manatee.....	1,020.8	1,052.1	2,078.2	2.8	8.5	-	11.3	21.2	2,110.7
Marion.....	76.4	18.8	100.4	0.5	1.7	-	2.2	22.4	125.0
Martin.....	78.5	357.3	439.9	1.3	1.1	-	2.4	4.7	447.0
Okeechobee.....	299.1	303.3	610.9	14.8	74.6	-	89.4	50.5	750.8
Orange.....	129.2	93.3	223.4	0.1	3.8	-	3.9	20.8	248.1
Osceola.....	523.6	412.7	941.5	38.7	31.8	-	70.5	21.0	1,033.0
Pasco.....	389.5	104.1	505.4	-	3.3	-	3.3	22.6	531.3
Polk.....	3,897.2	4,417.4	8,713.8	49.0	161.7	13.4	229.8	601.1	9,544.7
St. Lucie.....	422.1	1,300.5	1,772.0	279.0	1,388.7	-	1,704.3	139.3	3,615.6
Sarasota.....	44.7	69.6	117.9	0.1	17.7	0.2	18.0	7.2	143.1
Seminole.....	25.5	6.4	34.2	-	1.5	-	1.5	8.4	44.1
Volusia.....	62.3	13.9	76.9	0.3	5.3	0.2	5.8	4.2	86.9
Other <sup>4</sup> .....	20.7	1.3	24.1	-	2.3	-	2.3	5.2	31.6
<b>Total.....</b>	<b>24,271.5</b>	<b>31,917.3</b>	<b>57,952.1</b>	<b>946.9</b>	<b>3,523.7</b>	<b>41.7</b>	<b>4,582.0</b>	<b>2,188.9</b>	<b>64,723.0</b>

- Represents zero.

<sup>1</sup> Includes early, midseason, Navel, and Temple varieties.

<sup>2</sup> Includes unidentified variety tree numbers.

<sup>3</sup> Tangelos, tangerines, lemons, and other citrus.

<sup>4</sup> Citrus and Putnam counties.

**Orange Trees, Acreage, Yield, Production, Price, and Value, by Variety – Florida: Crop Years 2006-2007 through 2015-2016**

Crop year	Bearing trees (1,000 trees)	Bearing acreage (1,000 acres)	Yield per acre (boxes)	Utilization of production			On-tree	
				Total (1,000 boxes)	Fresh (1,000 boxes)	Processed (1,000 boxes)	Price per box (dollars)	Value of production (1,000 dollars)
<b>Non-Valencia Oranges <sup>1</sup></b>								
2006-2007 .....	27,790	212.7	308	65,600	4,162	61,438	8.92	584,871
2007-2008 .....	26,824	206.9	404	83,500	3,885	79,615	5.90	492,634
2008-2009 .....	26,380	204.8	413	84,600	4,342	80,258	5.09	430,684
2009-2010 .....	25,760	200.3	342	68,600	3,827	64,773	5.95	408,507
2010-2011 .....	25,253	196.1	358	70,300	4,122	66,178	7.11	500,040
2011-2012 .....	24,909	192.8	385	74,200	3,998	70,202	8.88	659,157
2012-2013 .....	24,809	190.9	351	67,100	3,695	63,405	6.25	419,144
2013-2014 .....	24,185	185.3	288	53,300	3,224	50,076	8.41	448,334
2014-2015 .....	23,328	177.6	267	47,400	2,815	44,585	8.40	397,943
2015-2016 <sup>2</sup> .....	22,419	169.2	213	36,100	2,199	33,901	7.61	274,644
<b>Navel Oranges</b>								
2006-2007 .....	1,388	10.8	264	2,850	2,228	622	10.57	30,128
2007-2008 .....	1,303	10.2	294	3,000	2,302	698	6.47	19,403
2008-2009 .....	1,233	9.6	313	3,000	2,449	551	6.42	19,269
2009-2010 .....	1,137	8.9	258	2,300	1,873	427	9.68	22,266
2010-2011 .....	1,089	8.6	308	2,650	2,273	377	10.71	28,371
2011-2012 .....	1,045	8.2	323	2,650	2,159	491	10.46	27,720
2012-2013 .....	1,006	7.8	282	2,200	1,815	385	12.66	27,852
2013-2014 .....	977	7.6	254	1,930	1,504	426	14.18	27,364
2014-2015 .....	958	7.4	189	1,400	1,086	314	16.57	23,204
2015-2016 <sup>2</sup> .....	965	7.5	137	1,030	739	291	17.28	17,800
<b>Late (Valencia) Oranges</b>								
2006-2007 .....	36,160	263.2	241	63,400	2,234	61,166	11.69	740,871
2007-2008 .....	34,918	257.0	337	86,700	1,910	84,790	7.30	632,714
2008-2009 .....	34,374	254.3	306	77,900	2,585	75,315	6.50	506,385
2009-2010 .....	33,801	250.7	260	65,100	2,033	63,067	8.01	521,408
2010-2011 .....	32,905	243.9	288	70,200	1,837	68,363	9.71	681,858
2011-2012 .....	32,550	240.6	301	72,500	2,090	70,410	10.99	796,560
2012-2013 .....	32,335	238.3	279	66,500	2,279	64,221	8.62	573,382
2013-2014 .....	31,704	233.4	220	51,400	2,276	49,124	10.90	560,288
2014-2015 .....	31,054	227.9	217	49,550	2,155	47,395	10.32	511,444
2015-2016 <sup>2</sup> .....	29,785	217.8	209	45,500	1,720	43,780	8.96	407,624
<b>All Oranges</b>								
2006-2007 .....	63,950	475.9	271	129,000	6,396	122,604	10.28	1,325,742
2007-2008 .....	61,742	463.9	367	170,200	5,795	164,405	6.61	1,125,348
2008-2009 .....	60,754	459.1	354	162,500	6,927	155,573	5.77	937,069
2009-2010 .....	59,561	451.0	296	133,700	5,860	127,840	6.96	929,915
2010-2011 .....	58,158	440.0	319	140,500	5,959	134,541	8.41	1,181,898
2011-2012 .....	57,459	433.4	338	146,700	6,088	140,612	9.92	1,455,717
2012-2013 .....	57,144	429.2	311	133,600	5,974	127,626	7.43	992,526
2013-2014 .....	55,889	418.7	250	104,700	5,500	99,200	9.63	1,008,622
2014-2015 .....	54,382	405.5	239	96,950	4,970	91,980	9.38	909,387
2015-2016 <sup>2</sup> .....	52,204	387.0	211	81,600	3,919	77,681	8.36	682,268

<sup>1</sup> Early, midseason, Navel and Temple varieties.

<sup>2</sup> Preliminary.

**Grapefruit Trees, Acreage, Yield, Production, Price, and Value, by Variety – Florida: Crop Years 2006-2007 through 2015-2016**

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	(1,000 trees)	(1,000 acres)	(boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(1,000 dollars)
<b>White Grapefruit <sup>1</sup></b>								
2006-2007 .....	2,083	19.9	467	9,300	1,961	7,339	2.51	23,305
2007-2008 .....	1,895	18.3	492	9,000	1,893	7,107	2.36	21,276
2008-2009 .....	1,672	16.4	402	6,600	1,392	5,208	1.82	11,999
2009-2010 .....	1,475	14.6	411	6,000	1,526	4,474	5.76	34,531
2010-2011 .....	1,434	14.2	412	5,850	1,373	4,477	5.66	33,126
2011-2012 .....	1,377	13.6	393	5,350	1,147	4,203	6.17	32,987
2012-2013 .....	1,326	13.0	404	5,250	1,001	4,249	5.41	28,423
2013-2014 .....	1,264	12.3	337	4,150	789	3,361	6.16	25,565
2014-2015 .....	1,160	11.4	285	3,250	632	2,618	5.57	18,116
2015-2016 <sup>2</sup> .....	981	9.6	259	2,490	587	1,903	8.49	21,135
<b>Red Grapefruit</b>								
2006-2007 .....	4,232	37.5	477	17,900	8,998	8,902	5.42	96,975
2007-2008 .....	4,094	36.5	482	17,600	8,730	8,870	5.47	96,231
2008-2009 .....	3,961	35.5	425	15,100	7,947	7,153	4.68	70,697
2009-2010 .....	3,725	33.5	427	14,300	7,831	6,469	8.23	117,625
2010-2011 .....	3,602	32.3	430	13,900	7,006	6,894	7.17	99,621
2011-2012 .....	3,557	31.9	423	13,500	6,782	6,718	7.57	102,242
2012-2013 .....	3,570	31.9	411	13,100	6,742	6,358	6.89	90,235
2013-2014 .....	3,480	30.8	373	11,500	5,901	5,599	7.44	85,589
2014-2015 .....	3,302	29.0	333	9,650	5,076	4,574	7.82	75,432
2015-2016 <sup>2</sup> .....	3,217	27.9	298	8,310	4,359	3,951	10.48	87,094
<b>All Grapefruit</b>								
2006-2007 .....	6,315	57.4	474	27,200	10,959	16,241	4.42	120,280
2007-2008 .....	5,989	54.8	485	26,600	10,623	15,977	4.42	117,507
2008-2009 .....	5,633	51.9	418	21,700	9,339	12,361	3.81	82,696
2009-2010 .....	5,200	48.1	422	20,300	9,357	10,943	7.50	152,156
2010-2011 .....	5,036	46.5	425	19,750	8,379	11,371	6.72	132,747
2011-2012 .....	4,934	45.5	414	18,850	7,929	10,921	7.17	135,229
2012-2013 .....	4,896	44.9	409	18,350	7,743	10,607	6.47	118,658
2013-2014 .....	4,744	43.1	363	15,650	6,690	8,960	7.10	111,154
2014-2015 .....	4,462	40.4	319	12,900	5,708	7,192	7.25	93,548
2015-2016 <sup>2</sup> .....	4,198	37.5	288	10,800	4,946	5,854	10.02	108,229

<sup>1</sup> Includes seedy grapefruit.

<sup>2</sup> Preliminary.

**Specialty Trees, Acreage, Yield, Production, Price, and Value, by Variety – Florida: Crop Years 2006-2007 through 2015-2016**

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	(1,000 trees)	(1,000 acres)	(boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(1,000 dollars)
<b>Early Tangerines <sup>1</sup></b>								
2006-2007 .....	1,185	8.0	300	2,400	1,661	739	12.01	28,820
2007-2008 .....	1,140	7.7	338	2,600	1,761	839	8.64	22,461
2008-2009 .....	1,125	7.6	336	2,550	1,904	646	5.59	14,263
2009-2010 .....	1,044	7.0	321	2,250	1,550	700	10.72	24,115
2010-2011 .....	990	6.6	394	2,600	1,742	858	9.43	24,525
2011-2012 .....	933	6.2	376	2,330	1,665	665	7.49	17,448
2012-2013 .....	901	5.9	324	1,910	1,307	603	12.54	23,955
2013-2014 .....	859	5.6	313	1,750	1,183	567	15.00	26,250
2014-2015 .....	806	5.3	273	1,445	978	467	16.87	24,382
2015-2016 <sup>2</sup> .....	639	4.2	187	785	544	241	20.09	15,769
<b>Honey Tangerines</b>								
2006-2007 .....	1,142	7.6	289	2,200	1,411	789	13.27	29,200
2007-2008 .....	1,113	7.3	397	2,900	1,521	1,379	5.02	14,550
2008-2009 .....	1,075	7.1	183	1,300	929	371	8.20	10,660
2009-2010 .....	941	6.3	349	2,200	1,461	739	9.52	20,953
2010-2011 .....	918	6.2	331	2,050	1,265	785	11.17	22,889
2011-2012 .....	885	5.9	332	1,960	1,173	787	10.66	20,888
2012-2013 .....	849	5.7	240	1,370	904	466	14.20	19,456
2013-2014 .....	794	5.3	217	1,150	762	388	17.40	20,008
2014-2015 .....	741	4.9	167	820	572	248	18.90	15,498
2015-2016 <sup>2</sup> .....	640	4.1	154	630	414	216	18.53	11,671
<b>All Tangerines</b>								
2006-2007 .....	2,327	15.6	295	4,600	3,072	1,528	12.64	58,152
2007-2008 .....	2,253	15.0	367	5,500	3,282	2,218	6.70	36,830
2008-2009 .....	2,200	14.7	262	3,850	2,833	1,017	6.49	24,986
2009-2010 .....	1,985	13.3	335	4,450	3,011	1,439	10.14	45,134
2010-2011 .....	1,908	12.8	363	4,650	3,007	1,643	10.23	47,558
2011-2012 .....	1,818	12.1	355	4,290	2,838	1,452	8.99	38,554
2012-2013 .....	1,750	11.6	283	3,280	2,211	1,069	13.22	43,370
2013-2014 .....	1,653	10.9	266	2,900	1,945	955	15.97	46,308
2014-2015 .....	1,547	10.2	222	2,265	1,550	715	17.60	39,857
2015-2016 <sup>2</sup> .....	1,279	8.3	170	1,415	958	457	19.36	27,395
<b>Tangelos</b>								
2006-2007 .....	704	5.5	227	1,250	428	822	8.24	10,298
2007-2008 .....	668	5.2	288	1,500	432	1,068	2.87	4,309
2008-2009 .....	659	5.2	221	1,150	504	646	1.73	1,984
2009-2010 .....	593	4.7	191	900	415	485	4.34	3,902
2010-2011 .....	555	4.3	267	1,150	443	707	5.58	6,423
2011-2012 .....	527	4.1	280	1,150	434	716	9.65	11,101
2012-2013 .....	499	3.9	256	1,000	474	526	10.21	10,209
2013-2014 .....	465	3.6	244	880	394	486	8.06	7,097
2014-2015 .....	389	3.0	227	665	346	319	10.45	6,951
2015-2016 <sup>2</sup> .....	327	2.5	156	390	240	150	18.87	7,361

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

<sup>2</sup> Preliminary.

## Avocados in Florida

The 2016-2017 production of Florida avocados decreased 127,000 bushels, or 13 percent, when compared to the 2015-2016 harvest season. Bearing acreage is down 800 acres from the previous season. The price per bushel is \$21.77, up 16 percent from the 2015-2016 crop year. The total value of crop production is \$19.1 million, a decrease of 7 percent from the previous season.

In Florida, most early season varieties of avocados are West Indian types, whereas midseason and late varieties are mostly Guatemalan-West Indian hybrids or Guatemalan types. Commercial production is primarily in Miami-Dade and Collier Counties. Florida avocados have a lower fat content than those from other states and countries, are typically larger than avocados from California, and are available from June through the end of February.

### Avocado Trees, Acreage, Yield, Production, Utilization, Price, and Value – Florida: Crop Years 2007-2008 through 2016-2017

Crop year	Bearing acreage	Yield per acre	Production	Price per bushel <sup>1</sup>	Value of production
	(1,000 acres)	(bushels) <sup>1</sup>	(1,000 bushels) <sup>1</sup>	(dollars)	(1,000 dollars)
<b>Avocados</b>					
2007-2008 .....	7.0	143	1,000	12.10	12,100
2008-2009 .....	7.5	133	998	13.20	13,176
2009-2010 .....	7.4	114	844	16.50	13,920
2010-2011 .....	7.4	111	818	22.00	18,000
2011-2012 .....	7.4	153	1,131	20.79	23,512
2012-2013 <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)
2013-2014 .....	7.0	176	1,229	21.89	26,905
2014-2015 .....	7.0	171	1,196	18.04	21,582
2015-2016 .....	6.8	148	1,004	20.49	20,562
2016-2017 <sup>3</sup> .....	6.0	146	876	21.77	19,080

NA Not available.

<sup>1</sup> One bushel equals 55 pounds.

<sup>2</sup> Data unavailable due to program cuts.

<sup>3</sup> Preliminary.