



CITRUS COMMERCIAL CITRUS INVENTORY
PRELIMINARY REPORT

Cooperating with the Florida Department of Agriculture and Consumer Services
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August 31, 2023

All Citrus Acreage Down 11 Percent

Results of the annual Commercial Citrus Inventory show total citrus acreage is 332,256 acres, down 11 percent from the last annual survey. The net loss of 43,046 acres is 11,000 acres more than what was lost the previous season. New plantings at 6,203 acres are down from the previous season.

All 24 published counties included in the table on page 4 showed decreases in acreage. Hendry County lost the most acreage, down 11,073 acres from the previous season. DeSoto County remains the leader in acreage with 60,845 acres, followed closely by Polk County at 60,131 acres.

Orange acreage is now at 303,284 acres, down 12 percent from the previous season. Valencia acreage now accounts for 62 percent of the total orange acreage, non-Valencia acreage represents 36 percent, and the remaining orange acreage is unidentified.

Grapefruit acreage is now at 15,887 acres, down 12 percent from the previous season. White grapefruit acreage (including seedy) accounts for 11 percent of the total with 1,774 acres, while red grapefruit is 88 percent of the total with 14,054 acres. The remaining grapefruit acreage is unidentified.

Specialty fruit acreage, at 13,085 acres, is down 4 percent from the previous season. Tangerines and tangelos account for 60 percent of the specialty fruit, with 7,802 acres. The remaining acreage includes true lemons and other citrus acreage, with a total of 5,283 acres, or 40 percent.

All Citrus Acreage, by Variety and Survey Year, and Changes Between Surveys – Florida: 1998-2023

Survey ¹ year	Oranges ² (acres)	Grapefruit (acres)	Specialty ² fruit (acres)	Total (acres)	Change		Net change (acres)
					Gross loss (acres)	New plantings (acres)	
1998	658,390	132,817	54,053	845,260	49,325	36,898	-12,427
2000	665,529	118,145	48,601	832,275	59,516	46,531	-12,985
2002	648,806	105,488	43,009	797,303	77,197	42,225	-34,972
2004	622,821	89,048	36,686	748,555	88,875	40,127	-48,748
2006 ³	529,241	63,419	28,713	621,373	150,805	23,623	-127,182
2008	496,518	56,881	23,178	576,577	66,924	22,128	-44,796
2009	492,529	53,863	22,422	568,814	19,918	12,155	-7,763
2010	483,418	50,189	20,430	554,037	25,109	10,332	-14,777
2011	473,086	48,990	19,252	541,328	21,769	9,060	-12,709
2012	464,918	48,191	18,384	531,493	19,383	9,548	-9,385
2013	459,311	47,656	17,673	524,640	15,115	8,262	-6,853
2014	452,364	45,922	16,861	515,147	21,041	11,548	-9,493
2015	441,628	43,962	15,806	501,396	26,094	12,343	-13,751
2016	425,728	40,316	14,077	480,121	31,365	10,090	-21,275
2017	405,832	36,084	13,057	454,973	36,863	11,715	-25,148
2018 ³	403,457	30,923	12,632	447,012	20,114	12,153	-7,961
2019	392,515	25,339	12,747	430,601	26,479	10,068	-16,411
2020	382,393	22,453	14,606	419,452	19,034	7,885	-11,149
2021	372,354	19,908	15,086	407,348	22,552	10,448	-12,104
2022	343,659	17,997	13,646	375,302	40,026	7,980	-32,046
2023 ³	303,284	15,887	13,085	332,256	49,249	6,203	-43,046

¹ One-year survey beginning in 2009.

² Temples in specialty fruit through 2006 survey, then included in oranges through 2016 survey. Reclassified as Royal tangerines in the 2017 survey.

³ August and September hurricanes in 2004. October hurricane in 2005. October hurricane in 2017. September hurricane in 2022.

All Citrus Acreage, by Variety and Year Set – Florida: Crop Year 2022-2023

Year set	All citrus	Oranges				
		Early non-Valencia	Midseason non-Valencia	Valencia	Unidentified	Total
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Pre-1979	4,230	1,241	418	2,151	-	3,810
1979-1988	27,612	11,411	798	12,761	-	24,970
1989-1998	77,430	20,186	2,391	48,745	-	71,322
1999-2001	22,942	8,028	846	13,646	-	22,520
2002-2004	20,408	8,487	(D)	10,505	(D)	19,742
2005-2007	19,706	8,300	(D)	10,213	(D)	19,036
2008-2010	26,051	10,160	1,038	13,425	-	24,623
2011-2013	29,535	11,226	1,241	14,450	-	26,917
2014-2016	38,563	11,172	895	23,047	44	35,158
2017-2019	36,743	5,928	449	22,935	964	30,276
Bearing	303,220	96,139	9,344	171,878	1,013	278,374
2020	13,048	2,346	118	7,380	1,318	11,162
2021	9,785	1,710	21	5,551	1,232	8,514
2022	6,203	942	17	3,111	1,164	5,234
Non-bearing	29,036	4,998	156	16,042	3,714	24,910
Total	332,256	101,137	9,500	187,920	4,727	303,284

See footnote(s) at end of table.

All Citrus Trees, by Variety and Year Set – Florida: Crop Year 2022-2023

Year set	All citrus	Oranges				
		Early non-Valencia	Midseason non-Valencia	Valencia	Unidentified	Total
	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)
Pre-1979	525.0	148.5	52.3	277.1	-	477.9
1979-1988	3,715.6	1,526.2	110.2	1,767.2	-	3,403.6
1989-1998	11,377.5	2,883.9	356.8	7,326.3	-	10,567.0
1999-2001	3,095.6	1,089.4	126.0	1,829.7	-	3,045.1
2002-2004	2,728.2	1,137.0	(D)	1,405.8	(D)	2,648.8
2005-2007	2,605.2	1,081.7	(D)	1,364.7	(D)	2,517.7
2008-2010	3,694.4	1,444.8	151.0	1,917.7	-	3,513.5
2011-2013	4,474.4	1,727.1	195.1	2,137.5	-	4,059.7
2014-2016	6,735.0	1,865.3	147.0	4,076.2	5.0	6,093.5
2017-2019	6,315.4	929.3	73.6	4,048.0	151.1	5,202.0
Bearing	45,266.3	13,833.2	1,388.9	26,150.2	156.5	41,528.8
2020	2,220.0	381.5	23.0	1,298.0	203.0	1,905.5
2021	1,738.8	282.2	3.0	1,034.6	211.8	1,531.6
2022	1,114.9	161.2	3.3	581.0	207.7	953.2
Non-bearing	5,073.7	824.9	29.3	2,913.6	622.5	4,390.3
Total	50,340.0	14,658.1	1,418.2	29,063.8	779.0	45,919.1

See footnote(s) at end of table.

All Citrus Acreage, by Variety and Year Set – Florida: Crop Year 2022-2023 (continued)

Year set	Grapefruit					All Tangerines and Tangelos	Other Citrus
	Red Seedless	White Seedless	Seedy	Unidentified	Total		
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Pre-1979	155	83	1	-	239	181	-
1979-1988	2,252	137	1	-	2,390	245	7
1989-1998	3,780	1,232	2	-	5,014	954	140
1999-2001	186	12	-	-	198	159	65
2002-2004	(D)	(D)	-	-	476	172	18
2005-2007	(D)	(D)	-	-	558	97	15
2008-2010	1,066	15	-	-	1,081	179	168
2011-2013	1,617	11	-	-	1,628	897	93
2014-2016	877	30	-	-	907	1,922	576
2017-2019	522	97	-	-	619	2,189	3,659
Bearing	11,469	1,637	4	-	13,110	6,995	4,741
2020	860	-	-	-	860	620	406
2021	977	(D)	-	(D)	1,074	(D)	(D)
2022	748	(D)	-	(D)	843	(D)	(D)
Non-bearing	2,585	133	-	59	2,777	807	542
Total	14,054	1,770	4	59	15,887	7,802	5,283

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.

All Citrus Trees, by Variety and Year Set – Florida: Crop Year 2022-2023 (continued)

Year set	Grapefruit					All Tangerines and Tangelos	Other Citrus
	Red Seedless	White Seedless	Seedy	Unidentified	Total		
	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)
Pre-1979	16.5	9.7	0.3	-	26.5	20.6	-
1979-1988	260.9	16.6	0.1	-	277.6	33.7	0.7
1989-1998	486.8	156.1	0.2	-	643.1	149.2	18.2
1999-2001	19.8	1.6	-	-	21.4	21.1	8.0
2002-2004	(D)	(D)	-	-	56.3	20.6	2.5
2005-2007	(D)	(D)	-	-	69.8	15.3	2.4
2008-2010	123.7	1.3	-	-	125.0	26.7	29.2
2011-2013	226.9	1.4	-	-	228.3	171.7	14.7
2014-2016	132.3	3.3	-	-	135.6	421.0	84.9
2017-2019	91.6	13.8	-	-	105.4	501.7	506.3
Bearing	1,482.8	205.6	0.6	-	1,689.0	1,381.6	666.9
2020	144.5	-	-	-	144.5	114.4	55.6
2021	163.9	(D)	-	(D)	177.4	(D)	(D)
2022	121.9	(D)	-	(D)	136.8	(D)	(D)
Non-bearing	430.3	20.0	-	8.4	458.7	149.2	75.5
Total	1,913.1	225.6	0.6	8.4	2,147.7	1,530.8	742.4

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.

All Citrus Acreage and Trees, by County and Year of Inventory – Florida: 2020-2023

County	2020	2021	2022	2023	2020	2021	2022	2023
	(acres)	(acres)	(acres)	(acres)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)
Brevard.....	374	347	352	278	50.0	46.7	47.3	35.8
Charlotte.....	14,590	13,389	11,541	9,435	2,357.5	2,201.5	1,923.6	1,601.2
Collier.....	30,378	28,970	26,169	19,403	4,514.4	4,322.0	3,872.4	2,898.9
DeSoto.....	67,044	66,638	64,641	60,845	9,472.3	9,587.5	9,471.3	9,124.2
Glades.....	5,601	5,523	3,955	2,566	815.8	825.3	584.4	386.6
Hardee.....	43,492	43,237	41,595	38,923	5,792.2	5,923.1	5,835.0	5,541.1
Hendry.....	59,227	57,900	51,260	40,187	9,278.9	9,100.4	8,187.9	6,623.4
Hernando.....	200	111	87	-	25.8	13.3	11.1	-
Highlands.....	57,351	56,850	52,092	49,415	8,553.7	8,591.9	7,957.8	7,763.4
Hillsborough.....	1,835	1,461	1,025	772	282.7	242.5	197.2	163.2
Indian River.....	14,990	13,309	11,483	8,627	2,019.3	1,874.2	1,667.1	1,314.1
Lake.....	5,374	5,222	4,319	4,062	801.7	786.2	653.0	620.1
Lee.....	6,791	6,579	5,053	1,890	937.9	915.3	711.0	295.9
Manatee.....	13,205	11,614	9,266	8,239	1,837.1	1,603.3	1,310.7	1,176.8
Marion.....	841	788	544	286	103.1	96.0	62.9	35.3
Martin.....	1,144	512	-	-	222.7	87.3	-	-
Okeechobee.....	3,178	2,906	2,434	2,244	475.2	445.5	378.1	359.3
Orange.....	887	702	556	357	118.5	94.6	75.8	51.2
Osceola.....	6,320	6,095	5,925	5,196	822.3	798.0	774.4	684.7
Pasco.....	926	730	597	567	130.8	106.1	85.0	81.3
Polk.....	64,379	63,328	62,005	60,131	8,905.5	8,998.5	8,940.9	8,766.4
St. Lucie.....	19,504	19,385	18,914	17,560	2,825.8	2,836.6	2,820.9	2,656.0
Sarasota.....	1,121	1,111	959	756	139.5	139.1	121.8	94.3
Seminole.....	215	216	133	119	29.6	29.6	20.6	18.6
Volusia.....	406	350	339	304	47.8	40.0	38.7	34.5
Other Counties ¹	79	75	58	94	11.3	10.9	8.4	13.7
Total.....	419,452	407,348	375,302	332,256	60,571.4	59,715.4	55,757.3	50,340.0

- Represents zero.

¹ Includes Citrus, Putnam, and Hernando in 2023.

Citrus Inventory Procedures

This publication represents the results of the most recent annual Commercial Citrus Inventory survey of Florida citrus trees. The Florida Agricultural Statistics Service first began indexing citrus groves using aerial photography with the January 1966 survey. Subsequent surveys, using aerial photography, were conducted as of January every two years through 2006. In 2005, grove boundaries were digitized and saved as geodatabases in our Geographic Information System (GIS). GIS software provides tools to enhance comparative photo interpretation for grove change detection. This technology provides current tree inventory data for evaluating Florida's potential citrus production in a shorter period and at less cost than by ground survey methods alone.

Each change observed by the photo interpreter is followed by a ground check, which usually results in a revised tree count for the grove. Acreages can be verified using the GIS. Tree numbers are from actual tree counts or from measured acreage. Block sizes are reduced as necessary for dead trees or empty spaces, as well as barnyards, turn rows, swale ditches, and irrigation ponds.

A record for each separate planting or block is maintained in the data system. A new record is created for each new planting, and records of plantings, which no longer exist, are transferred to an inactive layer. For this inventory period, 54.6 percent of the state's total citrus acreage was visited to update the records.

All Citrus Acreage and Trees, by Variety and Year of Inventory – Florida: 2020-2023

Variety	2020	2021	2022	2023	2020	2021	2022	2023
	(acres)	(acres)	(acres)	(acres)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)
Oranges:								
Hamlin.....	122,677	116,781	106,554	91,160	17,195.2	16,590.7	15,350.6	13,254.9
Parson Brown.....	4,682	4,324	3,647	2,996	638.4	594.6	499.4	416.5
Navel.....	6,844	6,507	5,499	4,632	982.0	949.4	794.4	665.5
Ambersweet.....	104	84	-	47	14.7	12.0	-	5.8
Other early non-Valencia....	2,721	2,733	2,655	2,302	372.4	375.4	365.1	315.4
Pineapple.....	10,725	9,730	8,021	5,664	1,509.7	1,390.4	1,144.5	820.8
Other mid non-Valencia.....	5,441	5,013	4,707	3,836	813.1	756.2	716.5	597.4
Non-Valencia.....	153,194	145,172	131,083	110,637	21,525.5	20,668.7	18,870.5	16,076.3
Valencia.....	224,052	221,985	207,572	187,920	32,960.4	33,165.2	31,414.1	29,063.8
Unidentified.....	5,147	5,197	5,004	4,727	857.3	816.1	795.2	779.0
Total Oranges.....	382,393	372,354	343,659	303,284	55,343.2	54,650.0	51,079.8	45,919.1
Grapefruit:								
Seedy.....	87	36	7	4	8.7	3.8	0.7	0.6
Red seedless.....	18,606	16,919	15,667	14,054	2,274.3	2,136.8	2,036.2	1,913.1
White seedless.....	3,708	2,864	2,084	1,770	422.4	335.1	256.7	225.6
Unidentified.....	52	89	239	59	9.5	12.4	31.1	8.4
Total Grapefruit.....	22,453	19,908	17,997	15,887	2,714.9	2,488.1	2,324.7	2,147.7
Specialty:								
Tangerines and Tangelos								
True Lemons.....	108	170	166	175	15.4	23.5	22.9	24.2
Other Citrus ¹	4,460	5,367	5,275	5,108	637.5	752.9	738.7	718.2
Total Specialty.....	14,606	15,086	13,646	13,085	2,513.3	2,577.3	2,352.8	2,273.2
Total Citrus.....	419,452	407,348	375,302	332,256	60,571.4	59,715.4	55,757.3	50,340.0

- Represents zero.

¹ Includes Meyer lemons.