



Florida Agricultural Statistics Service  
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# CITRUS

## COMMERCIAL CITRUS TREE INVENTORY PRELIMINARY REPORT



## FLORIDA AGRICULTURE

September 13, 1994

### ALL CITRUS INCREASES TO 853,742 ACRES

Commercial citrus acreage in Florida, as of January 1994, totaled 853,742 acres. This is the largest acreage recorded in 20 years and 8 percent higher than the 791,290 acres reported in the 1992 tree inventory. Total tree numbers have continued to increase to new all time high levels at more than 103 million. There were 107,666 acres planted in 1992 and 1993 which was 19 percent less than in the previous two-year period but the fourth largest recorded in the tree census history.

St. Lucie county continues as the citrus acreage leader with 108,448 followed by Polk with 104,007 and Hendry with 98,604. Hendry is the leader in tree numbers and has by far the most trees per acre at 152. St. Lucie is a distant second with 112 trees per acre and Polk has 109. Acreage declined in only three of the thirty-three citrus counties since the 1992 tree census.

The Gulf Citrus area of Charlotte, Collier, Glades, Hendry, and Lee counties had a 12 percent increase in acreage in the past two years. Currently there are 176,641 acres in the five county area compared to 157,239 in 1992. There is a 16 percent increase in tree numbers for this area.

### ORANGE ACREAGE UP TO 653,370

All orange acreage increased to 653,370 as of January 1994 compared to 608,636 acres in 1992. The 7 percent increase in acreage is overshadowed by a 12 percent increase in tree numbers which is due to the high rate of trees per acre in new plantings. There are currently 81.6 million orange trees compared to 72.8 million trees in 1992. Bearing acreage for all oranges is up 15 percent from 1992. There are currently 510,819 bearing acres as compared to 444,421 in 1992. Bearing trees from this census are for use with the 1993-94 harvest season and include those trees planted in 1990 and earlier years.

Hamlin orange acreage is 211,705, up 8 percent from the 195,137 acres reported in 1992. Valencias showed a 12 percent increase to 300,704 acres, up from 269,074 acres reported in 1992. Navel acreage is up 14 percent to 25,362 acres from 22,183 in 1992.

This year for the first time, Ambersweet oranges have been summarized separately from the other early orange varieties. There are 15,041 acres of Ambersweet oranges identified on the current census, although a portion of the orange acreage categorized as unidentified are also Ambersweet.

### GRAPEFRUIT INCREASES TO 146,915 ACRES

Grapefruit acreage increased 9 percent in the past two years to 146,915. This increase was largely attributed to the 15 percent increase in colored varieties from 70,151 acres in 1992 to 80,422 in 1994. White seedless grapefruit acreage is 56,320, up 4 percent from the 54,108 acres in 1992. Seedy grapefruit acreage continues to decline. The 1994 census showed only 4,879 acres, compared to 5,187 in 1992 and 7,300 in 1990.

### SPECIALTY ACREAGE UP 13 PERCENT

Specialty citrus types increased 13 percent in total to 53,457 acres in 1994 from 47,488 acres in 1992. Temples, Dancy tangerines, lemons, and limes continued to decline in acreage, while Sunburst and Honey tangerines continued to show significant increases. Sunburst tangerine acreage increased 69 percent, from 7,039 acres in 1992 to

### Florida Commercial Citrus Acreage

Census years	Oranges	Grapefruit	Specialty fruit	Total
1966	673,086	103,224	81,772	858,082
1968	713,400	119,883	97,966	931,249
1970	715,806	124,050	101,615	941,471
1972	659,418	124,142	94,459	878,019
1974	642,431	130,326	91,341	864,098
1976	628,567	137,909	85,893	852,369
1978	616,020	136,342	78,873	831,235
1980	627,174	139,944	78,165	845,283
1982	636,864	139,939	71,053	847,856
1984	573,991	134,680	52,694	761,365
1986	466,252	117,845	40,395	624,492
1988	536,737	119,606	41,586	697,929
1990	564,809	125,300	42,658	732,767
1992	608,636	135,166	47,488	791,290
1994	653,370	146,915	53,457	853,742

### Florida Commercial Citrus Acreage Changes Between Censuses

Census years	Two year change		Net change	Total
	Gross loss	New plantings		
1966	NA <sup>1</sup>	NA <sup>1</sup>	NA <sup>1</sup>	858,082
1968	13,910	87,077	+73,167	931,249
1970	26,114	36,336	+10,222	941,471
1972 <sup>2</sup>	82,948	19,496	-63,452	878,019
1974	40,181	26,260	-13,921	864,098
1976	40,518	28,789	-11,729	852,369
1978 <sup>2</sup>	49,127	27,993	-21,134	831,235
1980	25,925	39,973	+14,048	845,283
1982 <sup>2</sup>	51,942	54,515	+2,573	847,856
1984 <sup>2</sup>	159,719	73,228	-86,491	761,365
1986 <sup>2</sup>	185,598	48,725	-136,873	624,492
1988	52,240	125,677	+73,437	697,929
1990 <sup>2</sup>	85,858	120,696	+34,838	732,767
1992	74,704	133,227	+58,523	791,290
1994	45,214	107,666	+62,452	853,742

<sup>1</sup> First census via aerial photography in 1966.

<sup>2</sup> January freezes in 1971, 1977, 1981, 1982, 1985, and 1986. December freezes in 1983, 1985, and 1989.

11,867 in 1994. Honey tangerines increased 23 percent to 7,838 acres in 1994 from 6,376 in 1992. Orlando tangelos, the main tangelo variety, are up 15 percent over the level of the previous census. Minneola tangelo acreage is up 21 percent from the 2,705 acres identified in 1992.

**1994 Florida Commercial Citrus Inventory**  
**All citrus, number of acres, by variety and year set**

Year Set	All Citrus	Oranges					Grapefruit		
		Early	Midseason	Late	Unidentified	Total	White Seedless	Colored Seedless	Seedy
<b>ACRES</b>									
Pre-1950	37,075	6,353	6,045	15,707	0	28,105	2,802	2,704	2,054
1950-59	30,309	6,366	3,680	14,038	2	24,086	1,654	2,548	145
1960-69	132,117	33,839	17,141	39,687	0	90,667	22,779	7,097	800
1970	5,322	1,266	735	1,620	0	3,621	646	597	64
1971	4,069	428	362	865	0	1,655	1,344	881	98
1972	8,616	1,641	979	3,437	6	6,063	876	1,333	93
1973	7,025	821	490	938	0	2,249	1,693	2,773	75
1974	8,082	1,169	1,058	1,806	0	4,033	1,653	2,210	94
1975	7,463	1,368	943	2,375	0	4,686	1,002	1,486	118
1976	6,568	1,669	676	2,286	0	4,631	342	1,177	104
1977	7,683	2,227	611	2,370	0	5,208	326	1,834	89
1978	8,085	2,261	718	2,417	0	5,396	357	2,002	54
1979	11,667	3,767	1,019	3,939	0	8,725	311	1,943	37
1980	10,654	3,755	833	4,245	0	8,833	292	960	35
1981	16,178	7,531	1,002	4,777	0	13,310	350	1,887	49
1982	17,593	8,286	929	4,952	0	14,167	487	2,577	41
1983	29,138	13,683	2,425	8,972	2	25,082	522	2,467	108
1984	18,563	8,393	1,023	5,883	0	15,299	388	2,171	17
1985	19,022	9,206	1,089	6,848	0	17,143	245	753	17
1986	35,952	17,205	1,193	13,608	0	32,006	297	2,121	67
1987	65,257	27,251	3,575	24,650	6	55,482	1,223	5,268	144
1988	49,695	17,371	2,440	18,891	11	38,713	1,512	5,316	95
1989	70,245	22,968	2,941	29,069	15	54,993	4,256	6,141	155
1990	61,143	18,573	2,270	25,666	157	46,666	4,309	5,657	119
<b>Bearing</b>	<b>667,521</b>	<b>217,397</b>	<b>54,177</b>	<b>239,046</b>	<b>199</b>	<b>510,819</b>	<b>49,666</b>	<b>63,903</b>	<b>4,672</b>
1991	78,555	28,962	3,224	27,947	1,113	61,246	3,247	8,045	89
1992	67,720	17,699	3,414	22,128	8,423	51,664	2,224	5,606	83
1993	39,946	7,051	1,583	11,583	9,424	29,641	1,183	2,868	35
<b>Non-Bearing</b>	<b>186,221</b>	<b>53,712</b>	<b>8,221</b>	<b>61,658</b>	<b>18,960</b>	<b>142,551</b>	<b>6,654</b>	<b>16,519</b>	<b>207</b>
<b>Total</b>	<b>853,742</b>	<b>271,109</b>	<b>62,398</b>	<b>300,704</b>	<b>19,159</b>	<b>653,370</b>	<b>56,320</b>	<b>80,422</b>	<b>4,879</b>

**1994 Florida Commercial Citrus Inventory**  
**All citrus, number of acres, by variety and year set**

Year Set	Grapefruit		Temples	Tangelos	Tangerines				Other Citrus
	Unidentified	Total			Sunburst	Robinson	Dancy	Honey	
	<b>ACRES</b>								
Pre-1950	0	7,560	869	222	2	0	310	2	5
1950-59	0	4,347	956	632	0	0	64	179	45
1960-69	0	30,676	3,138	4,474	5	430	340	1,783	604
1970	0	1,307	122	151	2	52	31	15	21
1971	0	2,323	19	33	1	21	2	10	5
1972	0	2,302	50	99	0	26	2	45	29
1973	0	4,541	34	43	0	20	9	3	126
1974	0	3,957	25	15	0	7	2	2	41
1975	0	2,606	26	64	0	6	13	41	21
1976	0	1,623	15	50	0	28	22	29	170
1977	0	2,249	17	32	0	7	13	39	118
1978	0	2,413	25	76	0	8	6	18	143
1979	0	2,291	39	39	0	15	7	257	294
1980	0	1,287	30	41	19	24	14	117	289
1981	0	2,286	87	85	41	90	4	103	172
1982	0	3,105	48	85	75	24	6	53	30
1983	0	3,097	111	175	191	37	18	228	199
1984	0	2,576	74	190	207	21	25	85	86
1985	0	1,015	37	127	142	44	27	223	264
1986	0	2,485	173	485	289	91	83	260	80
1987	0	6,635	203	905	1,003	276	76	435	242
1988	3	6,926	172	1,192	1,517	215	170	444	346
1989	1	10,553	354	1,096	1,400	459	60	624	706
1990	53	10,138	103	1,030	1,432	276	77	616	805
<b>Bearing</b>	<b>57</b>	<b>118,298</b>	<b>6,727</b>	<b>11,341</b>	<b>6,326</b>	<b>2,177</b>	<b>1,381</b>	<b>5,611</b>	<b>4,841</b>
1991	115	11,496	210	1,303	2,430	458	65	540	807
1992	2,868	10,781	155	1,024	2,027	185	120	962	802
1993	2,254	6,340	130	432	1,084	319	36	725	1,239
<b>Non-Bearing</b>	<b>5,237</b>	<b>28,617</b>	<b>495</b>	<b>2,759</b>	<b>5,541</b>	<b>962</b>	<b>221</b>	<b>2,227</b>	<b>2,848</b>
<b>Total</b>	<b>5,294</b>	<b>146,915</b>	<b>7,222</b>	<b>14,100</b>	<b>11,867</b>	<b>3,139</b>	<b>1,602</b>	<b>7,838</b>	<b>7,689</b>

**1994 Florida Commercial Citrus Inventory**  
**All citrus, number of trees, by variety and year set**

Year Set	All Citrus	Oranges					Grapefruit		
		Early	Midseason	Late	Unidentified	Total	White Seedless	Colored Seedless	Seedy
<b>1,000 TREES</b>									
Pre-1950	3,065.1	532.7	505.7	1,337.8	0.0	2,376.2	218.1	200.8	155.8
1950-59	2,641.8	547.4	351.7	1,269.2	0.2	2,168.5	121.4	183.9	11.4
1960-69	13,035.3	3,316.1	1,812.8	4,118.6	0.0	9,247.5	1,937.3	628.7	69.1
1970	580.9	151.5	84.7	180.1	0.0	416.3	60.2	54.3	5.8
1971	402.4	47.3	43.5	95.1	0.0	185.9	114.6	82.5	8.5
1972	981.8	196.9	119.1	421.4	1.5	738.9	81.6	123.4	7.8
1973	692.8	84.7	56.0	98.9	0.0	239.6	158.9	252.4	5.9
1974	881.0	138.3	132.4	212.9	0.0	483.6	156.3	221.4	8.2
1975	802.2	151.5	102.4	280.7	0.0	534.6	93.0	144.4	9.8
1976	700.0	175.8	78.8	262.0	0.0	516.6	29.9	110.4	10.2
1977	813.4	236.3	68.2	254.3	0.0	558.8	31.0	182.1	7.8
1978	842.9	243.8	80.1	263.3	0.0	587.2	35.1	187.2	4.2
1979	1,301.3	403.2	131.7	469.7	0.0	1,004.6	30.7	184.4	3.3
1980	1,235.5	429.2	93.3	498.6	0.0	1,021.1	27.5	99.6	3.0
1981	1,844.6	857.0	124.8	571.5	0.0	1,553.3	33.7	187.8	3.7
1982	1,943.0	922.5	115.9	575.5	0.0	1,613.9	41.6	247.1	3.3
1983	3,356.4	1,578.2	292.8	1,061.4	0.2	2,932.6	50.7	248.2	11.4
1984	2,200.6	991.3	122.6	719.2	0.0	1,833.1	37.6	242.9	1.8
1985	2,386.5	1,128.5	131.9	906.6	0.0	2,167.0	24.4	85.2	1.4
1986	4,673.9	2,220.0	148.1	1,830.4	0.0	4,198.5	27.7	244.1	6.6
1987	8,459.1	3,551.9	449.3	3,265.8	0.7	7,267.7	116.5	621.4	13.0
1988	6,584.6	2,349.7	317.4	2,584.8	1.1	5,253.0	163.1	599.7	8.1
1989	9,979.5	3,409.2	396.9	4,247.4	1.9	8,055.4	477.9	740.9	15.5
1990	8,643.0	2,563.0	312.5	3,859.8	18.5	6,753.8	482.4	698.3	10.3
<b>Bearing</b>	<b>78,047.6</b>	<b>26,226.0</b>	<b>6,072.6</b>	<b>29,385.0</b>	<b>24.1</b>	<b>61,707.7</b>	<b>4,551.2</b>	<b>6,571.1</b>	<b>385.9</b>
1991	10,809.8	3,981.5	414.3	4,039.5	180.3	8,615.6	348.7	993.4	7.4
1992	9,221.7	2,425.1	475.3	3,083.1	1,115.7	7,099.2	243.4	711.1	7.9
1993	5,653.3	965.0	222.0	1,586.0	1,418.9	4,191.9	131.8	381.6	3.3
<b>Non-Bearing</b>	<b>25,684.8</b>	<b>7,371.6</b>	<b>1,111.6</b>	<b>8,708.6</b>	<b>2,714.9</b>	<b>19,906.7</b>	<b>723.9</b>	<b>2,086.1</b>	<b>18.6</b>
<b>Total</b>	<b>103,732.4</b>	<b>33,597.6</b>	<b>7,184.2</b>	<b>38,093.6</b>	<b>2,739.0</b>	<b>81,614.4</b>	<b>5,275.1</b>	<b>8,657.2</b>	<b>404.5</b>

**1994 Florida Commercial Citrus Inventory**  
**All citrus, number of trees, by variety and year set**

Year Set	Grapefruit		Temples	Tangelos	Tangerines				Other Citrus
	Unidentified	Total			Sunburst	Robinson	Dancy	Honey	
	<b>1,000 TREES</b>								
Pre-1950	0.0	574.7	71.1	16.9	0.4	0.0	25.2	0.2	0.4
1950-59	0.0	316.7	81.7	47.1	0.0	0.0	5.5	18.1	4.2
1960-69	0.0	2,635.1	335.4	447.2	1.1	54.0	31.9	204.3	78.8
1970	0.0	120.3	12.4	17.6	0.2	7.2	2.6	1.6	2.7
1971	0.0	205.6	2.3	4.0	0.1	2.7	0.2	0.9	0.7
1972	0.0	212.8	5.3	11.9	0.0	3.3	0.2	5.5	3.9
1973	0.0	417.2	4.1	4.6	0.0	2.4	0.9	0.3	23.7
1974	0.0	385.9	2.7	1.3	0.0	0.8	0.2	0.2	6.3
1975	0.0	247.2	2.6	6.6	0.0	0.9	1.2	4.7	4.4
1976	0.0	150.5	1.0	4.7	0.0	3.9	2.3	3.6	17.4
1977	0.0	220.9	1.9	4.6	0.0	1.2	1.3	4.4	20.3
1978	0.0	226.5	3.0	7.6	0.0	1.1	0.4	2.0	15.1
1979	0.0	218.4	3.5	4.2	0.0	1.9	0.6	24.1	44.0
1980	0.0	130.1	2.8	4.2	2.5	2.8	1.6	18.7	51.7
1981	0.0	225.2	9.5	9.0	4.5	11.0	0.4	12.3	19.4
1982	0.0	292.0	5.6	8.5	9.8	2.7	0.5	5.8	4.2
1983	0.0	310.3	12.8	20.7	23.2	5.5	1.7	26.4	23.2
1984	0.0	282.3	8.9	22.2	25.4	2.4	2.6	11.5	12.2
1985	0.0	111.0	4.2	16.5	19.1	5.7	2.8	34.4	25.8
1986	0.0	278.4	21.9	62.2	41.9	13.1	9.6	33.6	14.7
1987	0.0	750.9	22.9	126.2	145.4	41.8	7.9	61.5	34.8
1988	0.5	771.4	19.4	156.3	212.2	35.6	23.5	58.4	54.8
1989	0.1	1,234.4	42.1	150.0	215.3	67.1	6.4	102.6	106.2
1990	5.3	1,196.3	11.6	156.5	231.0	40.5	8.1	111.8	133.4
<b>Bearing</b>	<b>5.9</b>	<b>11,514.1</b>	<b>688.7</b>	<b>1,310.6</b>	<b>932.1</b>	<b>307.6</b>	<b>137.6</b>	<b>746.9</b>	<b>702.3</b>
1991	16.4	1,365.9	23.5	169.2	368.4	55.5	7.8	75.0	128.9
1992	348.0	1,310.4	19.6	143.8	313.9	24.3	12.7	158.1	139.7
1993	296.9	813.6	14.7	58.4	177.5	55.0	4.9	129.8	207.5
<b>Non-Bearing</b>	<b>661.3</b>	<b>3,489.9</b>	<b>57.8</b>	<b>371.4</b>	<b>859.8</b>	<b>134.8</b>	<b>25.4</b>	<b>362.9</b>	<b>476.1</b>
<b>Total</b>	<b>667.2</b>	<b>15,004.0</b>	<b>746.5</b>	<b>1,682.0</b>	<b>1,791.9</b>	<b>442.4</b>	<b>163.0</b>	<b>1,109.8</b>	<b>1,178.4</b>

**Florida Commercial Citrus Inventory**  
**Acreage and tree numbers, by county and year of inventory**

County	1988	1990	1992	1994	1988	1990	1992	1994
	<b>ACRES</b>				<b>1,000 TREES</b>			
Brevard	11,641	10,519	11,084	11,663	1,132.5	1,045.3	1,159.4	1,219.4
Broward	764	589	365	246	54.6	40.9	25.9	18.9
Charlotte	9,345	11,718	15,981	19,995	926.5	1,241.4	1,939.7	2,695.2
Citrus	191	103	200	233	17.1	10.9	19.7	24.2
Collier	17,309	23,565	34,167	36,534	2,200.2	3,204.1	4,869.9	5,310.0
Dade	6,656	6,305	6,076	1,668 <sup>1</sup>	1,060.1	1,000.7	963.1	290.4 <sup>1</sup>
DeSoto	43,143	52,584	58,058	62,407	4,782.4	6,256.7	7,206.1	7,975.5
Glades	6,235	7,523	9,136	9,270	613.7	890.0	1,265.8	1,326.0
Hardee	45,898	51,069	52,630	54,211	4,269.4	5,066.6	5,445.9	5,879.1
Hendry	54,953	73,754	87,396	98,604	7,051.9	10,387.9	12,797.2	14,964.0
Hernando	695	598	1,035	1,109	77.1	73.9	122.9	133.3
Highlands	48,569	57,048	62,217	74,035	4,806.0	6,169.6	7,295.4	9,085.7
Hillsborough	25,507	26,007	27,120	27,739	2,233.2	2,373.4	2,582.2	2,814.4
Indian River	65,162	66,116	65,446	69,240	5,850.4	6,224.7	6,377.0	7,145.0
Lake	26,228	13,960	18,604	21,053	2,749.8	1,665.5	2,398.5	2,776.1
Lee	8,247	9,692	10,559	12,238	929.4	1,169.3	1,364.1	1,602.4
Manatee	18,779	20,331	20,919	23,940	1,773.4	2,056.2	2,248.2	2,775.7
Marion	1,209	277	917	1,138	129.0	31.6	113.1	139.2
Martin	40,921	46,283	46,335	48,221	4,395.9	5,273.5	5,622.2	6,232.7
Okeechobee	8,124	8,541	10,439	11,270	784.0	823.4	1,099.0	1,261.1
Orange	17,356	8,399	9,470	10,402	1,532.4	790.1	1,049.5	1,202.4
Osceola	14,114	16,101	15,625	15,654	1,238.4	1,599.7	1,603.8	1,638.5
Palm Beach	14,887	15,545	14,787	12,885	1,607.9	1,748.3	1,715.7	1,629.8
Pasco	9,371	6,937	10,828	11,555	1,091.2	862.8	1,382.9	1,484.2
Pinellas	276	218	208	248	23.1	17.2	16.9	20.7
Polk	108,546	99,732	91,899	104,007	9,133.4	9,038.6	9,511.1	11,290.3
Putnam	46	20	75	122	5.7	3.0	11.6	21.0
St. Lucie	88,893	94,878	105,117	108,448	8,405.5	9,402.4	11,364.8	12,196.9
Sarasota	1,929	2,127	2,065	2,516	191.0	218.0	212.1	272.7
Seminole	1,440	1,024	1,206	1,462	114.7	88.2	110.3	145.6
Volusia	1,379	1,198	1,326	1,453	116.5	106.8	121.7	137.2
Other Counties <sup>2</sup>	116	6	0	176	11.8	0.6	0.0	24.8
<b>Total</b>	<b>697,929</b>	<b>732,767</b>	<b>791,290</b>	<b>853,742</b>	<b>69,308.2</b>	<b>78,881.3</b>	<b>92,015.7</b>	<b>103,732.4</b>

<sup>1</sup> Surveyed in March 1993.

<sup>2</sup> Flagler and Sumter.

**Florida Commercial Citrus Inventory**  
**Acreage and tree numbers, by variety and year of inventory**

Variety	1988	1990	1992	1994	1988	1990	1992	1994
	<b>ACRES</b>				<b>1,000 TREES</b>			
<b>ORANGES:</b>								
Hamlin	151,665	171,518	195,137	211,705	15,797.4	19,271.2	23,210.0	26,036.6
Navel	18,295	19,067	22,183	25,362	1,918.2	2,117.3	2,581.1	3,096.3
Ambersweet				15,041				2,158.6
Other early	16,881	16,532	21,842	19,001	1,625.4	1,726.6	2,669.4	2,306.1
Pineapple	65,670	62,997	58,632	58,217	6,429.1	6,538.6	6,447.9	6,745.6
Other mids	5,590	4,582	3,794	4,181	404.3	350.4	337.9	438.6
Valencia	224,868	246,483	269,074	300,704	22,240.0	26,974.7	32,478.2	38,093.6
Unidentified	53,768	43,630	37,974	19,159	6,122.2	5,634.6	5,101.8	2,739.0
<b>Total Oranges</b>	<b>536,737</b>	<b>564,809</b>	<b>608,636</b>	<b>653,370</b>	<b>54,536.6</b>	<b>62,613.4</b>	<b>72,826.3</b>	<b>81,614.4</b>
<b>GRAPEFRUIT:</b>								
Seedy	8,903	7,300	5,187	4,879	625.9	547.7	423.3	404.5
White seedless	53,084	52,314	54,108	56,320	4,267.0	4,338.4	4,854.8	5,275.1
Colored seedless	51,443	57,762	70,151	80,422	4,567.1	5,430.9	7,183.8	8,657.2
Unidentified	6,176	7,924	5,720	5,294	621.2	876.2	657.3	667.2
<b>Total Grapefruit</b>	<b>119,606</b>	<b>125,300</b>	<b>135,166</b>	<b>146,915</b>	<b>10,081.2</b>	<b>11,193.2</b>	<b>13,119.2</b>	<b>15,004.0</b>
<b>SPECIALTY:</b>								
Temples	9,942	8,861	7,878	7,222	927.9	868.3	805.2	746.5
Orlando Tangelos	7,734	7,514	8,445	9,709	745.4	772.8	953.0	1,150.5
Minneola Tangelos	2,265	2,470	2,705	3,285	218.5	257.1	294.5	382.0
Other Tangelos	967	1,127	1,026	1,106	115.2	143.6	130.3	149.5
Sunburst Tangerines		3,565	7,039	11,867		484.0	1,037.0	1,791.9
Robinson Tangerines	1,938	1,956	2,361	3,139	232.4	253.2	328.5	442.4
Dancy Tangerines	2,345	2,142	1,677	1,602	195.7	196.7	161.2	163.0
Honey Tangerines	5,093	5,712	6,376	7,838	596.0	693.7	842.1	1,109.8
Limes	7,079	6,864	6,638	2,235 <sup>1</sup>	1,110.4	1,069.6	1,028.6	344.1 <sup>1</sup>
True Lemons	946	844	626	536	153.0	138.5	103.0	89.5
Meyer Lemons	150	78	75	79	23.5	14.3	14.2	15.3
Other Citrus	3,127	1,525	2,642	4,839	372.4	182.9	372.6	729.5
<b>Total Specialty</b>	<b>41,586</b>	<b>42,658</b>	<b>47,488</b>	<b>53,457</b>	<b>4,690.4</b>	<b>5,074.7</b>	<b>6,070.2</b>	<b>7,114.0</b>
<b>Total Citrus</b>	<b>697,929</b>	<b>732,767</b>	<b>791,290</b>	<b>853,742</b>	<b>69,308.2</b>	<b>78,881.3</b>	<b>92,015.7</b>	<b>103,732.4</b>

<sup>1</sup> Dade Lime acreage surveyed March 1993.

**Florida Commercial Citrus Inventory**  
**All citrus, number of acres, by area and year of inventory**

Area	Oranges		Grapefruit		Specialty types		Total	
	1992	1994	1992	1994	1992	1994	1992	1994
<b>ACRES</b>								
Indian River	95,930	96,514	90,911	96,277	8,160	9,406	195,001	202,197
Northern	36,667	39,147	1,644	1,995	4,574	6,724	42,885	47,866
Central	143,686	161,433	13,698	15,648	10,571	14,895	167,955	191,976
Western	148,571	157,194	5,775	6,280	6,654	7,587	161,000	171,061
Southern	183,782	199,082	23,138	26,715	17,529	14,845	224,449	240,642
<b>Total</b>	<b>608,636</b>	<b>653,370</b>	<b>135,166</b>	<b>146,915</b>	<b>47,488</b>	<b>53,457</b>	<b>791,290</b>	<b>853,742</b>

**CITRUS INVENTORY PROCEDURES**

This biennial inventory, the sixteenth in a series which began in January 1966, was conducted using current aerial photography. Aerial photos of the 14,000 square miles covering virtually all of Florida's citrus were taken during a four month period beginning the first of November 1993.

The inventory procedure starts with a complete mapping and indexing of all citrus plantings onto scaled photo enlargements from the previous census. Aided by stereoscopic viewing, the current aerial photos are compared with photos from the previous census to detect grove changes, tree removals and new tree plantings. Each change observed by the photo interpreter is followed by a visit and ground check which usually results in a revised tree count for the grove. The ground checks are performed by experienced field personnel. Acreages are measured from photo enlargements with a digital planimeter. Tree numbers are from actual tree counts of expansions from measured acreage. Block sizes are reduced as necessary for excessive counts of 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 removed. In non-freeze years, less than one-third of all blocks require a visit to complete the biennial census.

Production areas were redesigned in 1986 to give greater efficiency for objective forecasting purposes. The principal change was to place all the northern freeze-prone regions in a single area. The Indian River Marketing District was set apart, as were the southern flatwoods plantings. This stratification provides greater homogeneity within each sampling stratum.

Much of the credit for completing the field work goes to the Division of Plant Industry, which assisted with eight trained citrus technologists and four-wheel-drive vehicles.

