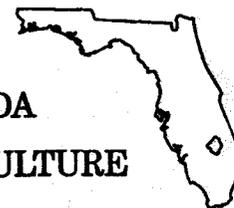




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FLORIDA AGRICULTURE

CITRUS

COMMERCIAL CITRUS TREE INVENTORY PRELIMINARY REPORT

September 13, 1996

ALL CITRUS INCREASES TO 857,687 ACRES

This State's Biennial Commercial Citrus Inventory shows 857,687 acres of citrus as of January 1996. A net increase of 3,945 acres has occurred in the past two years. During 1994 and 1995, a total of 39,892 acres was planted while 35,947 acres were removed. The 39,892 new acres are the fewest acres set in any two-year period since 1978.

St. Lucie County is still the leader with 107,224 acres of citrus, followed by Polk with 103,884 and Hendry with 99,770. Hendry County continues to lead in total trees and tree density with 154 trees per acre. St. Lucie County has 114 trees per acre and Polk has 111. There has been a decline in acreage in 15 of the 33 citrus counties in the past two years.

The Gulf Citrus area of Charlotte, Collier, Glades, Hendry, and Lee counties had only a slight increase in acreage since the previous census, increasing from 176,641 to 179,093. However, the Gulf area experienced a gain of nearly one million trees from 25,897,600 trees in 1994 to the current level of 26,811,000.

ORANGE ACREAGE REACHES 656,598

All orange acreage increased to 656,598 as of January 1996 compared to 653,370 acres in 1994. Along with this 0.5 percent increase in acreage there was a 3 percent increase in tree numbers. There are currently 84.2 million orange trees compared to 81.6 million trees in 1994. Bearing acreage for all oranges is up 16 percent from 1994. There are currently 594,775 bearing acres as compared to 510,819 in 1994. Bearing trees from this census are for use with the 1995-96 harvest season and include those trees planted in 1992 and earlier years.

Hamlin orange acreage is 216,157, up 2 percent from the 211,705 acres reported in 1994. Valencias showed a 2 percent increase to 307,878 acres, up from 300,704 acres in the previous census. Navel acreage has increased 4 percent to 26,434 from 25,362 in 1994.

Ambersweet oranges were summarized separately from the other early orange varieties for the first time in the last survey. A 4 percent increase from 15,041 acres in 1994 to 15,704 in 1996 was recorded for this survey.

GRAPEFRUIT DECREASES SLIGHTLY TO 144,416

Grapefruit acreage decreased 2 percent in the past two years to 144,416. Although colored varieties increased 1 percent from 80,422 acres in 1994 to 81,348 in 1996, the gain was offset by decreases in other varieties. White seedless grapefruit acreage is 55,802, down 1 percent from the 56,320 acres in 1994. Seedy grapefruit acreage at 4,458 is down 9 percent from 4,879 acres in 1994. A large reduction in unidentified grapefruit, the result of few new plantings, accounted for the overall decline in total acreage.

SPECIALTY ACREAGE UP 6 PERCENT

Specialty citrus types increased 6 percent to 56,673 in 1996 from 53,457 acres in 1994. Temples continued to decline in acreage. The steady decline in Dancy tangerine acreage continued while the other tangerine varieties showed increases. Sunburst tangerine acreage increased 9 percent, from 11,867 acres in 1994 to 12,929 acres in 1996. Honey tangerines

increased 15 percent to 8,976 acres in 1996 from 7,838 in 1994. Orlando tangelos, the main tangelo variety, were down 3 percent over the level of the previous census. There was no significant change to Minneola tangelo acreage. The lemon acreage increase of 80 percent was mainly attributed to current resets and previously unidentified plantings. Following a decline in acreage due to Hurricane Andrew, limes have increased 36 percent to 3,035 in 1996.

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
1996	656,598	144,416	56,673	857,687

Florida Commercial Citrus Acreage Changes Between Censuses

Census years	Two year change		Net change	Total
	Gross loss	New plantings		
1966	NA ¹	NA ¹	NA ¹	858,082
1968	13,910	87,077	+73,167	931,249
1970	26,114	36,336	+10,222	941,471
1972 ²	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 ²	49,127	27,993	-21,134	831,235
1980	25,925	39,973	+14,048	845,283
1982 ²	51,942	54,515	+2,573	847,856
1984 ²	159,719	73,228	-86,491	761,365
1986 ²	185,598	48,725	-136,873	624,492
1988	52,240	125,677	+73,437	697,929
1990 ²	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
1996	35,947	39,892	+3,945	857,687

¹ First census via aerial photography in 1966. ² January freezes in 1971, 1977, 1981, 1982, 1985, and 1986. December freezes in 1983, 1985, and 1989.

1996 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	Colored	Seedy
ACRES									
Pre-1952	36,765	6,218	5,850	15,896	0	27,964	2,412	3,084	1,737
1952-61	42,563	11,762	5,620	18,010	0	35,392	3,194	1,503	174
1962-71	109,453	27,004	13,497	30,067	0	70,568	21,093	7,915	772
1972	7,992	1,547	929	3,219	0	5,695	764	1,244	81
1973	6,542	760	446	845	0	2,051	1,611	2,585	71
1974	7,583	1,137	1,017	1,655	0	3,809	1,483	2,110	88
1975	6,870	1,301	825	2,193	0	4,319	909	1,402	115
1976	6,035	1,585	620	2,142	0	4,347	328	1,064	87
1977	7,292	2,109	584	2,239	0	4,932	315	1,757	78
1978	7,509	2,106	611	2,291	0	5,008	314	1,888	48
1979	10,921	3,550	946	3,609	0	8,105	285	1,906	31
1980	9,866	3,601	765	3,893	0	8,259	269	904	26
1981	15,295	7,211	950	4,492	0	12,653	331	1,761	43
1982	16,651	7,843	900	4,736	0	13,479	451	2,415	39
1983	27,618	12,971	2,324	8,392	0	23,687	493	2,420	100
1984	17,732	7,980	959	5,679	0	14,618	369	2,111	14
1985	18,036	8,749	1,015	6,513	3	16,280	207	739	15
1986	34,689	16,497	1,133	13,248	2	30,880	297	2,075	61
1987	62,452	25,720	3,212	24,166	1	53,099	1,179	5,028	143
1988	49,140	17,397	2,276	18,728	0	38,401	1,505	5,265	98
1989	67,726	22,195	2,768	28,120	26	53,109	4,093	5,930	140
1990	61,670	19,113	2,108	26,251	13	47,485	4,264	5,558	138
1991	76,802	28,463	3,093	28,187	43	59,786	3,158	7,989	93
1992	68,153	21,593	3,652	25,541	63	50,849	3,152	7,219	136
Bearing	775,355	258,412	56,100	280,112	151	594,775	52,476	75,872	4,328
1993	42,440	11,646	2,560	15,638	443	30,287	1,877	4,159	90
1994	19,557	4,020	887	6,631	2,778	14,316	841	819	17
1995	20,335	4,103	773	5,497	6,847	17,220	608	498	23
Non-Bearing	82,332	19,769	4,220	27,766	10,068	61,823	3,326	5,476	130
Total	857,687	278,181	60,320	307,878	10,219	656,598	55,802	81,348	4,458

1996 Florida Commercial Citrus Inventory
All citrus, number of acres, by variety and year set

Year Set	Grapefruit		Temples	Tangelos	Tangerines					Other Citrus
	Unidentified	Total			Fallglo	Sunburst	Robinson	Dancy	Honey	
	ACRES									
Pre-1952	0	7,233	994	303	0	2	0	260	3	6
1952-61	0	4,871	867	866	0	0	28	51	414	74
1962-71	5	29,785	2,829	3,659	0	5	366	280	1,438	523
1972	0	2,089	46	89	0	0	24	2	39	8
1973	0	4,267	34	42	0	0	16	8	4	120
1974	0	3,681	24	15	0	0	8	2	2	42
1975	0	2,426	26	56	0	0	8	12	6	17
1976	0	1,479	10	24	0	0	20	10	28	117
1977	0	2,150	14	25	0	0	6	9	37	119
1978	0	2,250	21	74	0	0	8	6	16	126
1979	0	2,222	37	33	0	0	12	7	248	257
1980	0	1,199	28	38	0	19	23	15	114	171
1981	0	2,135	74	88	0	43	56	4	80	162
1982	0	2,905	43	71	0	69	13	6	39	26
1983	0	3,013	102	172	0	201	34	15	233	161
1984	0	2,494	65	166	0	188	25	11	81	84
1985	0	961	35	121	0	134	46	24	196	239
1986	0	2,433	169	470	1	289	85	65	216	81
1987	0	6,350	182	894	10	978	257	70	421	191
1988	0	6,868	188	1,150	19	1,435	236	153	439	251
1989	0	10,163	328	1,003	332	1,430	421	50	587	303
1990	0	9,960	97	936	475	1,417	281	72	611	336
1991	5	11,245	220	1,292	481	2,464	442	53	573	246
1992	152	10,659	166	1,157	751	2,585	245	100	1,234	407
Bearing	162	132,838	6,599	12,744	2,069	11,259	2,660	1,285	7,059	4,067
1993	331	6,457	139	560	1,362	1,391	521	58	998	667
1994	1,153	2,830	36	290	219	199	135	14	620	898
1995	1,162	2,291	34	128	119	80	72	1	299	91
Non-Bearing	2,646	11,578	209	978	1,700	1,670	728	73	1,917	1,656
Total	2,808	144,416	6,808	13,722	3,769	12,929	3,388	1,358	8,976	5,723

1996 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	Colored	Seedy
1,000 TREES									
Pre-1952	3,142.7	534.1	511.5	1,406.6	0.0	2,452.2	194.3	233.0	134.7
1952-61	3,865.8	1,036.3	557.2	1,707.4	0.0	3,300.9	234.9	111.3	14.9
1962-71	11,142.7	2,788.7	1,473.9	3,238.0	0.0	7,500.6	1,857.7	718.3	67.5
1972	919.1	188.2	113.3	395.9	0.0	697.4	71.5	119.7	6.8
1973	663.5	81.3	53.0	94.5	0.0	228.8	154.1	240.3	5.9
1974	829.4	133.5	123.4	196.4	0.0	453.3	139.5	217.5	7.7
1975	749.1	143.7	94.0	261.6	0.0	499.3	88.0	137.0	9.7
1976	658.3	170.2	73.1	252.6	0.0	495.9	29.4	101.2	8.4
1977	786.6	229.4	66.4	248.5	0.0	544.3	31.0	174.7	7.3
1978	802.6	235.3	67.2	258.2	0.0	560.7	31.5	181.1	3.9
1979	1,240.6	392.4	123.3	448.1	0.0	963.8	28.7	182.0	2.7
1980	1,159.9	410.0	90.4	473.5	0.0	973.9	26.0	96.0	2.3
1981	1,768.8	828.3	121.3	548.9	0.0	1,498.5	32.4	177.0	3.4
1982	1,880.8	897.5	112.2	565.7	0.0	1,575.4	38.8	231.9	3.3
1983	3,241.5	1,517.9	283.4	1,022.9	0.0	2,824.2	48.6	244.6	10.7
1984	2,118.8	950.8	116.9	697.5	0.0	1,765.2	36.4	239.2	1.6
1985	2,290.9	1,080.4	127.1	874.0	0.8	2,082.3	20.0	84.3	1.4
1986	4,548.9	2,150.6	142.0	1,790.9	0.2	4,083.7	28.7	238.8	6.3
1987	8,160.5	3,345.3	411.8	3,253.1	0.1	7,010.3	116.9	597.8	13.6
1988	6,615.0	2,386.3	302.7	2,617.2	0.1	5,306.3	166.4	594.5	9.5
1989	9,696.0	3,277.2	382.3	4,175.5	5.5	7,840.5	464.8	714.7	14.2
1990	8,808.8	2,666.2	293.1	3,988.6	1.8	6,949.7	481.6	685.4	12.6
1991	10,699.0	3,952.8	403.8	4,167.0	5.3	8,528.9	342.0	989.8	8.4
1992	9,470.2	2,951.7	508.6	3,681.8	8.4	7,150.5	362.2	906.0	12.8
Bearing	95,259.5	32,348.1	6,551.9	36,364.4	22.2	75,286.6	5,025.4	8,216.1	369.6
1993	6,092.6	1,651.9	392.3	2,221.1	64.9	4,330.2	219.8	553.6	8.0
1994	2,850.6	542.9	149.7	1,005.1	389.3	2,087.0	104.6	107.0	1.5
1995	2,894.1	553.1	98.4	793.6	1,006.5	2,451.6	69.4	70.4	2.3
Non-Bearing	11,837.3	2,747.9	640.4	4,019.8	1,460.7	8,868.8	393.8	731.0	11.8
Total	107,096.8	35,096.0	7,192.3	40,384.2	1,482.9	84,155.4	5,419.2	8,947.1	381.4

1996 Florida Commercial Citrus Inventory
All citrus, number of trees, by variety and year set

Year Set	Grapefruit		Temples	Tangelos	Tangerines					Other Citrus
	Unidentified	Total			Fallglo	Sunburst	Robinson	Dancy	Honey	
	1,000 TREES									
Pre-1952	0.0	562.0	83.0	22.7	0.0	0.4	0.0	21.5	0.3	0.6
1952-61	0.0	361.1	77.0	69.6	0.0	0.0	3.0	4.0	43.5	6.7
1962-71	0.4	2,643.9	309.7	374.5	0.0	1.1	46.7	27.0	168.5	70.7
1972	0.0	198.0	4.9	10.6	0.0	0.0	3.0	0.2	4.1	0.9
1973	0.0	400.3	4.1	4.5	0.0	0.0	1.9	0.8	0.4	22.7
1974	0.0	364.7	2.5	1.3	0.0	0.0	0.8	0.2	0.2	6.4
1975	0.0	234.7	2.5	6.1	0.0	0.0	1.2	1.0	0.6	3.7
1976	0.0	139.0	0.8	2.1	0.0	0.0	2.9	1.0	3.5	13.1
1977	0.0	213.0	1.7	3.2	0.0	0.0	1.1	0.9	4.1	18.3
1978	0.0	216.5	2.2	7.5	0.0	0.0	1.1	0.4	1.8	12.4
1979	0.0	213.4	3.3	3.8	0.0	0.0	1.5	0.6	23.7	30.5
1980	0.0	124.3	2.8	4.2	0.0	2.4	2.7	1.4	18.1	30.1
1981	0.0	212.8	8.2	9.2	0.0	4.5	6.9	0.4	10.1	18.2
1982	0.0	274.0	4.8	6.8	0.0	9.6	1.4	0.5	4.4	3.9
1983	0.0	303.9	11.9	20.6	0.0	25.6	4.4	1.4	29.0	20.5
1984	0.0	277.2	7.6	19.1	0.0	23.2	2.4	1.1	11.1	11.9
1985	0.0	105.7	4.2	16.3	0.0	18.1	5.7	2.5	33.5	22.6
1986	0.0	273.8	21.1	60.9	0.1	41.8	12.3	7.8	32.5	14.9
1987	0.0	728.3	20.3	125.3	1.7	141.9	38.5	7.2	60.2	26.8
1988	0.0	770.4	22.4	152.1	2.9	203.3	37.5	20.8	57.4	41.9
1989	0.0	1,193.7	39.2	139.5	53.1	221.2	61.5	6.6	98.7	42.0
1990	0.0	1,179.6	11.1	140.8	77.4	231.2	41.7	7.6	111.1	58.6
1991	0.6	1,340.8	24.9	168.7	83.5	376.2	54.9	6.6	78.8	35.7
1992	20.7	1,301.7	20.8	158.8	125.6	398.3	33.3	11.0	198.7	71.5
Bearing	21.7	13,632.8	691.0	1,528.2	344.3	1,698.8	366.4	132.5	994.3	584.6
1993	45.0	826.4	15.5	76.4	223.8	226.4	81.6	8.9	172.9	130.5
1994	159.6	372.7	3.1	37.6	41.3	33.4	18.0	1.2	112.1	144.2
1995	142.9	285.0	3.7	27.0	25.9	12.8	12.7	0.1	61.1	14.2
Non-Bearing	347.5	1,484.1	22.3	141.0	291.0	272.6	112.3	10.2	346.1	288.9
Total	369.2	15,116.9	713.3	1,669.2	635.3	1,971.4	478.7	142.7	1,340.4	873.5

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

County	1990	1992	1994	1996	1990	1992	1994	1996
	ACRES				1,000 TREES			
Brevard	10,519	11,084	11,663	11,569	1,045.3	1,159.4	1,219.4	1,197.4
Broward	589	365	246	108	40.9	25.9	18.9	9.4
Charlotte	11,718	15,981	19,995	21,183	1,241.4	1,939.7	2,695.2	3,062.4
Citrus	103	200	233	242	10.9	19.7	24.2	25.1
Collier	23,565	34,167	36,534	36,583	3,204.1	4,869.9	5,310.0	5,331.6
Dade	6,305	6,076	1,668	2,618 ¹	1,000.7	963.1	290.4	440.8 ¹
DeSoto	52,584	58,058	62,407	66,182	6,256.7	7,206.1	7,975.5	8,541.7
Glades	7,523	9,136	9,270	9,402	890.0	1,265.8	1,326.0	1,422.6
Hardee	51,069	52,630	54,211	52,578	5,066.6	5,445.9	5,879.1	5,838.9
Hendry	73,754	87,396	98,604	99,770	10,387.9	12,797.2	14,964.0	15,353.1
Hernando	598	1,035	1,109	1,114	73.9	122.9	133.3	135.0
Highlands	57,048	62,217	74,035	76,586	6,169.6	7,295.4	9,085.7	9,862.9
Hillsborough	26,007	27,120	27,739	28,236	2,373.4	2,582.2	2,814.4	2,970.4
Indian River	66,116	65,446	69,240	66,561	6,224.7	6,377.0	7,145.0	7,145.1
Lake	13,960	18,604	21,053	21,468	1,665.5	2,398.5	2,776.1	2,862.0
Lee	9,692	10,559	12,238	12,155	1,169.3	1,364.1	1,602.4	1,641.3
Manatee	20,331	20,919	23,940	24,200	2,056.2	2,248.2	2,775.7	2,865.5
Marion	277	917	1,138	1,147	31.6	113.1	139.2	141.4
Martin	46,283	46,335	48,221	47,090	5,273.5	5,622.2	6,232.7	6,365.7
Okeechobee	8,541	10,439	11,270	12,206	823.4	1,099.0	1,261.1	1,459.9
Orange	8,399	9,470	10,402	10,029	790.1	1,049.5	1,202.4	1,180.6
Osceola	16,101	15,625	15,654	15,404	1,599.7	1,603.8	1,638.5	1,647.6
Palm Beach	15,545	14,787	12,885	12,746	1,748.3	1,715.7	1,629.8	1,674.7
Pasco	6,937	10,828	11,555	11,567	862.8	1,382.9	1,484.2	1,506.0
Pinellas	218	208	248	211	17.2	16.9	20.7	17.7
Polk	99,732	91,899	104,007	103,884	9,038.6	9,511.1	11,290.3	11,527.7
Putnam	20	75	122	123	3.0	11.6	21.0	21.1
St. Lucie	94,878	105,117	108,448	107,224	9,402.4	11,364.8	12,196.9	12,275.0
Sarasota	2,127	2,065	2,516	2,414	218.0	212.1	272.7	263.4
Seminole	1,024	1,206	1,462	1,412	88.2	110.3	145.6	141.5
Volusia	1,198	1,326	1,453	1,502	106.8	121.7	137.2	144.9
Other Counties ²	6	0	176	173	0.6	0.0	24.8	24.4
Total	732,767	791,290	853,742	857,687	78,881.3	92,015.7	103,732.4	107,096.8

¹ Dade Lime plantings through October 1994.

² Flagler and Sumter.

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

Variety	1990	1992	1994	1996	1990	1992	1994	1996
	ACRES				1,000 TREES			
ORANGES:								
Hamlin	171,518	195,137	211,705	216,157	19,271.2	23,210.0	26,036.6	26,994.6
Navel	19,067	22,183	25,362	26,434	2,117.3	2,581.1	3,096.3	3,295.7
Ambersweet			15,041	15,704			2,158.6	2,283.0
Other early	16,532	21,842	19,001	19,886	1,726.6	2,669.4	2,306.1	2,522.7
Pineapple	62,997	58,632	58,217	55,616	6,538.6	6,447.9	6,745.6	6,594.9
Other mid	4,582	3,794	4,181	4,704	350.4	337.9	438.6	597.4
Valencia	246,483	269,074	300,704	307,878	26,974.7	32,478.2	38,093.6	40,384.2
Unidentified	43,630	37,974	19,159	10,219	5,634.6	5,101.8	2,739.0	1,482.9
Total Oranges	564,809	608,636	653,370	656,598	62,613.4	72,826.3	81,614.4	84,155.4
GRAPEFRUIT:								
Seedy	7,300	5,187	4,879	4,458	547.7	423.3	404.5	381.4
White seedless	52,314	54,108	56,320	55,802	4,338.4	4,854.8	5,275.1	5,419.2
Colored seedless	57,762	70,151	80,422	81,348	5,430.9	7,183.8	8,657.2	8,947.1
Unidentified	7,924	5,720	5,294	2,808	876.2	657.3	667.2	369.2
Total Grapefruit	125,300	135,166	146,915	144,416	11,193.2	13,119.2	15,004.0	15,116.9
SPECIALTY:								
Temples	8,861	7,878	7,222	6,808	868.3	805.2	746.5	713.3
Orlando Tangelos	7,514	8,445	9,709	9,432	772.8	953.0	1,150.5	1,137.5
Minneola Tangelos	2,470	2,705	3,285	3,296	257.1	294.5	382.0	397.6
Other Tangelos	1,127	1,026	1,106	994	143.6	130.3	149.5	134.1
K-Early Citrus				353				42.9
Sunburst Tangerines	3,565	7,039	11,867	12,929	484.0	1,037.0	1,791.9	1,971.4
Robinson Tangerines	1,956	2,361	3,139	3,388	253.2	328.5	442.4	478.7
Dancy Tangerines	2,142	1,677	1,602	1,358	196.7	161.2	163.0	142.7
Honey Tangerines	5,712	6,376	7,838	8,976	693.7	842.1	1,109.8	1,340.4
Fallglo Tangerines				3,769				635.3
Limes	6,864	6,638	2,235	3,035 ¹	1,069.6	1,028.6	344.1	483.3 ¹
True Lemons	844	626	536	1,029	138.5	103.0	89.5	172.4
Meyer Lemons	78	75	79	79	14.3	14.2	15.3	15.3
Other Citrus	1,525	2,642	4,839	1,227	182.9	372.6	729.5	159.6
Total Specialty	42,658	47,488	53,457	56,673	5,074.7	6,070.2	7,114.0	7,824.5
Total Citrus	732,767	791,290	853,742	857,687	78,881.3	92,015.7	103,732.4	107,096.8

¹ Dade Lime plantings through October 1994.

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

Area	Oranges		Grapefruit		Specialty types		Total	
	1994	1996	1994	1996	1994	1996	1994	1996
ACRES								
Indian River	96,514	93,517	96,277	95,180	9,406	9,575	202,197	198,272
Northern	39,147	38,671	1,995	1,974	6,724	7,334	47,866	47,979
Central	161,433	163,192	15,648	14,937	14,895	16,004	191,976	194,133
Western	157,194	159,662	6,280	6,339	7,587	7,820	171,061	173,821
Southern	199,082	201,556	26,715	25,986	14,845	15,940	240,642	243,482
Total	653,370	656,598	146,915	144,416	53,457	56,673	853,742	857,687

CITRUS INVENTORY PROCEDURES

This biennial inventory, the seventeenth 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 1995.

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.

The Division of Plant Industry assisted in completing this survey with seven trained citrus technologists using four wheel-drive vehicles.

