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In response to the need for more accurate citrus tree numbers following the hurricanes of 2004, a special census in selected counties was conducted during the first six months of this year. Two counties, DeSoto and Hardee, are in the Western growing area and were subjected to strong winds from Hurricane Charley. The other four counties--Indian River, Martin, Palm Beach, and St. Lucie--are along the Atlantic coast, and bore the brunt of Hurricanes Frances and Jeanne.

Field personnel updated records by conducting field enumeration, visiting grove managers, and consulting with the Division of Plant Industry's Citrus Canker Eradication Program. It is important to note that tree losses are not due solely to hurricane damage, but also reflect effects of the citrus tristeza virus, urban development, and removals due to citrus canker through June 2005.

Acreage losses vary from 1,486 (Palm Beach) to 18,560 (St. Lucie). Hardee's acreage peaked in 2002, however DeSoto's high was in 2000. Acreages in Indian River, Martin, and St. Lucie have been trending downward since 1994, while Palm Beach has been declining since 1970. Comparisons between 2004 and 2005 for each fruit category show that decreases in acreage were larger than corresponding decreases in tree numbers, with acres of oranges down 10.7%, grapefruit 18.5%, specialty fruit 16.4%, and all citrus 12.7%.

Palm Beach had the fewest trees in the selected counties and the number of trees has been reduced by one-third. Tree counts in DeSoto, Hardee, and Indian River are down over 500,000 trees each. St. Lucie's total is down more than 2.1 million trees with additional losses to canker occurring after the survey period.

Pages 2-9 detail acres and trees by fruit variety, county, and planting date. Survey comparisons appear on page 10.

TOTAL CITRUS: Number of acres by census year and county

	2000	2002	2004	2005
	<i>Acres</i>			
DeSoto	71,781	70,365	68,559	63,938
Hardee	53,115	54,961	54,414	48,843
Indian River	60,293	56,012	47,539	42,916
Martin	44,746	42,208	40,330	37,342
Palm Beach	10,090	7,964	4,542	3,056
St. Lucie	98,899	92,490	82,987	64,427
Total	338,924	324,000	298,371	260,522
Decrease from previous inventory		4.4%	7.9%	12.7%

TOTAL CITRUS: Number of trees by census year and county

	2000	2002	2004	2005
	<i>1,000 trees</i>			
DeSoto	9,369.6	9,282.3	9,080.1	8,541.6
Hardee	6,116.5	6,466.7	6,462.6	5,958.1
Indian River	6,583.6	6,191.3	5,322.3	4,821.7
Martin	6,191.2	5,947.6	5,732.2	5,365.4
Palm Beach	1,361.2	1,128.8	699.8	468.1
St. Lucie	11,837.8	11,266.2	10,342.0	8,191.0
Total	41,459.9	40,282.9	37,639.0	33,345.9
Decrease from previous inventory		2.8%	6.6%	11.4%

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EARLY-MIDSEASON NAVEL ORANGES: Number of acres, by county and year set

Year set	DeSoto	Hardee	Indian River	Martin	Palm Beach	St. Lucie
	<i>Acres</i>					
Pre-1961	386	1,622	113	9	0	99
1961-70	1,515	1,981	2,601	767	67	1,069
1971-80	1,939	1,476	1,265	885	74	548
1981	403	630	182	182	0	79
1982	700	412	495	130	0	166
1983	872	1,564	92	252	0	259
1984	350	617	280	194	0	501
1985	332	997	42	238	3	99
1986	657	917	405	183	38	545
1987	1,867	2,335	468	513	12	373
1988	643	596	183	792	25	298
1989	1,466	2,111	238	620	52	572
1990	1,045	1,015	165	151	3	235
1991	673	1,156	420	625	118	677
1992	1,138	981	625	530	38	1,028
1993	691	708	338	887	54	180
1994	563	282	372	134	27	181
1995	681	579	208	404	0	474
1996	305	611	100	725	1	432
1997	683	923	183	299	0	293
1998	793	695	209	391	52	334
1999	594	1,255	212	73	20	374
2000	610	1,034	239	592	45	566
2001	2,244	1,974	147	425	22	351
Bearing	21,150	26,471	9,582	10,001	651	9,733
2002	1,359	1,172	246	537	65	318
2003	1,412	1,358	135	676	4	256
2004	1,248	1,221	112	165	0	40
Non-bearing	4,019	3,751	493	1,378	69	614
Total	25,169	30,222	10,075	11,379	720	10,347

EARLY-MIDSEASON NAVEL ORANGES: Number of trees, by county and year set

Year set	DeSoto	Hardee	Indian River	Martin	Palm Beach	St. Lucie
	<i>1,000 trees</i>					
Pre-1961	40.5	164.3	11.0	1.2	0.0	9.0
1961-70	185.2	208.6	253.4	87.7	10.6	124.2
1971-80	246.1	165.9	158.3	112.0	10.9	62.5
1981	47.6	72.5	22.0	25.9	0.0	11.9
1982	87.0	46.2	46.3	19.5	0.0	19.8
1983	106.6	184.3	11.5	29.6	0.0	34.3
1984	44.0	85.3	33.5	23.6	0.0	58.7
1985	42.1	118.3	4.7	32.8	0.5	12.4
1986	81.4	116.7	46.1	24.2	6.1	74.5
1987	269.0	291.2	53.0	74.5	1.8	51.1
1988	86.2	76.4	23.3	99.6	3.8	37.8
1989	230.8	283.9	27.8	93.9	8.3	79.6
1990	163.5	134.9	20.8	20.8	0.6	33.7
1991	95.4	148.5	51.3	98.4	19.4	85.8
1992	150.6	122.4	73.7	69.3	6.1	140.8
1993	92.3	91.8	57.0	147.3	8.1	26.1
1994	72.7	33.9	45.7	25.3	7.1	23.8
1995	92.6	68.9	23.2	52.2	0.0	71.3
1996	40.2	75.1	13.1	118.9	0.2	69.1
1997	90.9	112.3	31.8	43.7	0.0	44.1
1998	102.9	84.7	26.2	60.4	8.6	46.3
1999	80.0	154.2	29.4	11.8	4.7	61.3
2000	80.0	123.9	25.8	84.3	7.2	88.1
2001	300.0	246.3	16.7	54.4	4.2	49.9
Bearing	2,827.6	3,210.5	1,105.6	1,411.3	108.2	1,316.1
2002	168.4	136.9	32.4	68.7	10.1	43.6
2003	192.5	155.9	16.4	91.5	0.6	35.0
2004	153.4	144.5	14.5	24.4	0.0	4.8
Non-bearing	514.3	437.3	63.3	184.6	10.7	83.4
Total	3,341.9	3,647.8	1,168.9	1,595.9	118.9	1,399.5

VALENCIA ORANGES: Number of acres, by county and year set

Year set	DeSoto	Hardee	Indian River	Martin	Palm Beach	St. Lucie
	<i>Acres</i>					
Pre-1961	496	1,345	360	114	0	185
1961-70	1,460	1,252	1,973	652	83	1,063
1971-80	2,323	739	958	1,648	32	812
1981	213	139	275	180	0	73
1982	712	137	31	23	0	36
1983	300	336	378	685	0	228
1984	343	122	702	402	1	558
1985	279	260	68	375	8	171
1986	747	187	577	315	0	1,314
1987	2,486	716	208	1,308	9	984
1988	1,120	173	97	1,460	0	1,204
1989	2,910	1,276	355	1,971	28	1,737
1990	3,171	435	118	512	0	2,224
1991	1,389	589	262	1,637	34	803
1992	1,917	755	443	1,173	0	567
1993	1,328	407	464	2,017	31	1,701
1994	845	359	205	616	0	148
1995	959	245	172	1,111	0	715
1996	414	355	138	601	9	352
1997	1,712	705	155	759	0	486
1998	4,040	861	281	939	9	923
1999	1,208	1,400	97	290	31	599
2000	732	508	224	1,020	89	652
2001	1,806	1,375	571	804	0	2,481
Bearing	32,910	14,676	9,112	20,612	364	20,016
2002	814	430	167	852	0	587
2003	1,825	392	197	832	0	411
2004	835	323	30	302	0	87
Non-bearing	3,474	1,145	394	1,986	0	1,085
Total	36,384	15,821	9,506	22,598	364	21,101

VALENCIA ORANGES: Number of trees, by county and year set

Year set	DeSoto	Hardee	Indian River	Martin	Palm Beach	St. Lucie
	<i>1,000 trees</i>					
Pre-1961	55.4	134.3	34.0	12.6	0.0	18.6
1961-70	177.1	137.8	188.6	80.7	9.0	113.2
1971-80	299.1	77.2	116.9	223.5	3.4	100.7
1981	27.4	18.0	38.0	21.9	0.0	9.7
1982	93.9	14.6	4.6	3.1	0.0	4.2
1983	39.8	40.4	42.0	102.6	0.0	28.8
1984	40.4	14.6	86.7	53.5	0.1	66.7
1985	33.8	31.7	7.0	55.0	1.1	24.9
1986	89.9	22.2	71.0	47.1	0.0	189.1
1987	327.7	87.3	28.2	193.5	0.9	131.5
1988	147.3	25.0	10.1	209.8	0.0	161.9
1989	427.6	180.1	55.1	301.4	4.8	247.5
1990	460.2	57.0	16.6	68.1	0.0	484.8
1991	189.5	69.2	29.7	252.0	4.0	111.7
1992	282.3	97.3	61.4	178.7	0.0	76.9
1993	170.8	57.4	63.7	365.2	4.3	237.3
1994	109.6	48.2	26.6	107.9	0.0	18.6
1995	131.4	38.2	23.5	185.0	0.0	90.8
1996	58.7	43.7	21.9	90.2	0.8	49.8
1997	234.6	91.5	20.2	95.0	0.0	73.9
1998	531.7	119.0	36.4	135.6	1.2	129.5
1999	158.4	179.6	12.2	42.0	6.9	88.0
2000	95.4	61.9	23.9	132.9	18.9	91.7
2001	250.1	175.0	79.0	123.2	0.0	347.8
Bearing	4,432.1	1,821.2	1,097.3	3,080.5	55.4	2,897.6
2002	105.7	59.3	24.0	115.5	0.0	73.8
2003	225.0	44.7	29.7	113.8	0.0	55.6
2004	108.1	35.7	3.1	44.6	0.0	11.8
Non-bearing	438.8	139.7	56.8	273.9	0.0	141.2
Total	4,870.9	1,960.9	1,154.1	3,354.4	55.4	3,038.8

WHITE SEEDLESS GRAPEFRUIT: Number of acres, by county and year set

Year set	DeSoto	Hardee	Indian River	Martin	Palm Beach	St. Lucie
	<i>Acres</i>					
Pre-1961	0	44	257	0	0	79
1961-70	2	4	3,020	340	41	1,481
1971-80	0	5	1,694	126	0	454
1981	0	0	67	0	0	52
1982	0	0	55	0	0	47
1983	0	0	36	9	0	23
1984	0	0	27	0	0	123
1985	0	0	56	3	0	9
1986	0	0	23	0	0	45
1987	12	0	48	1	0	70
1988	0	2	128	71	0	91
1989	3	3	584	22	1	1,336
1990	0	21	395	11	0	1,859
1991	0	4	374	176	0	177
1992	6	0	725	109	1	214
1993	8	2	199	86	0	184
1994	0	1	282	37	0	157
1995	31	0	193	0	0	649
1996	0	0	76	267	0	386
1997	0	0	305	11	0	134
1998	0	0	219	31	6	113
1999	1	0	62	13	0	96
2000	0	0	147	0	0	127
2001	0	0	216	9	0	340
Bearing	63	86	9,188	1,322	49	8,246
2002	0	26	135	106	0	78
2003	0	0	205	8	0	190
2004	0	0	16	3	0	137
Non-bearing	0	26	356	117	0	405
Total	63	112	9,544	1,439	49	8,651

WHITE SEEDLESS GRAPEFRUIT: Number of trees, by county and year set

Year set	DeSoto	Hardee	Indian River	Martin	Palm Beach	St. Lucie
	<i>1,000 trees</i>					
Pre-1961	0.0	3.8	20.7	0.0	0.0	7.1
1961-70	0.3	0.3	255.2	34.1	3.9	121.0
1971-80	0.0	0.5	167.3	12.2	0.0	43.9
1981	0.0	0.0	7.2	0.0	0.0	5.3
1982	0.0	0.0	4.9	0.0	0.0	4.6
1983	0.0	0.0	3.6	0.9	0.0	2.5
1984	0.0	0.0	2.5	0.0	0.0	12.9
1985	0.0	0.0	6.4	0.4	0.0	1.0
1986	0.0	0.0	2.2	0.0	0.0	5.7
1987	1.6	0.0	5.4	0.1	0.0	6.5
1988	0.0	0.2	14.2	8.9	0.0	11.0
1989	0.3	0.2	63.7	3.1	0.1	156.2
1990	0.0	2.3	40.5	1.0	0.0	211.8
1991	0.0	0.4	45.2	21.1	0.0	18.0
1992	0.6	0.0	83.2	12.8	0.1	25.0
1993	0.9	0.2	20.8	9.1	0.0	19.9
1994	0.0	0.1	32.2	5.5	0.0	18.6
1995	3.8	0.0	17.7	0.0	0.0	78.3
1996	0.0	0.0	8.3	32.2	0.0	48.1
1997	0.0	0.0	39.4	1.4	0.0	14.7
1998	0.0	0.0	22.2	3.2	0.6	11.9
1999	0.1	0.0	7.0	1.7	0.0	10.9
2000	0.0	0.0	15.5	0.0	0.0	13.9
2001	0.0	0.0	21.7	1.0	0.0	39.5
Bearing	7.6	8.0	907.0	148.7	4.7	888.3
2002	0.0	3.4	15.7	12.7	0.0	10.8
2003	0.0	0.0	22.9	1.0	0.0	22.2
2004	0.0	0.0	1.9	0.3	0.0	16.7
Non-bearing	0.0	3.4	40.5	14.0	0.0	49.7
Total	7.6	11.4	947.5	162.7	4.7	938.0

COLORED SEEDLESS GRAPEFRUIT: Number of acres, by county and year set

Year set	DeSoto	Hardee	Indian River	Martin	Palm Beach	St. Lucie
	<i>Acres</i>					
Pre-1961	0	25	133	21	0	92
1961-70	0	0	868	130	289	631
1971-80	0	11	3,891	25	0	2,791
1981	0	0	584	0	0	97
1982	0	7	427	0	0	1,040
1983	0	4	88	2	0	1,108
1984	0	3	587	0	0	860
1985	0	10	41	0	0	197
1986	0	3	154	2	0	565
1987	22	17	200	0	20	1,432
1988	97	21	330	0	29	1,307
1989	14	89	384	3	78	1,585
1990	10	61	204	7	0	2,232
1991	8	6	299	70	10	776
1992	73	38	1,316	56	84	637
1993	0	22	747	66	0	287
1994	13	5	206	74	0	261
1995	4	2	139	11	0	175
1996	0	1	133	14	0	305
1997	1	2	135	3	3	128
1998	0	0	142	14	13	246
1999	0	4	60	16	0	212
2000	0	3	183	1	1	209
2001	163	8	342	34	5	442
Bearing	405	342	11,593	549	532	17,615
2002	0	1	198	166	3	562
2003	0	0	286	144	0	645
2004	142	2	195	9	0	235
Non-bearing	142	3	679	319	3	1,442
Total	547	345	12,272	868	535	19,057

COLORED SEEDLESS GRAPEFRUIT: Number of trees, by county and year set

Year set	DeSoto	Hardee	Indian River	Martin	Palm Beach	St. Lucie
	<i>1,000 trees</i>					
Pre-1961	0.0	2.0	11.9	1.6	0.0	7.6
1961-70	0.0	0.0	77.1	12.4	28.1	55.6
1971-80	0.0	1.0	387.3	2.8	0.0	266.2
1981	0.0	0.0	58.0	0.0	0.0	10.0
1982	0.0	0.7	43.7	0.0	0.0	99.5
1983	0.0	0.5	8.8	0.2	0.0	115.5
1984	0.0	0.4	63.0	0.0	0.0	98.3
1985	0.0	0.9	4.8	0.0	0.0	24.0
1986	0.0	0.3	18.0	0.2	0.0	64.0
1987	2.5	2.2	21.1	0.0	2.4	167.1
1988	10.8	2.4	40.3	0.0	3.3	146.1
1989	1.8	14.1	45.6	0.4	8.9	185.7
1990	1.1	7.7	23.0	0.6	0.0	257.5
1991	0.8	0.6	34.5	8.0	1.1	89.0
1992	9.9	4.3	155.6	6.4	12.6	78.4
1993	0.0	2.1	114.0	8.6	0.0	33.9
1994	1.4	0.5	26.8	10.9	0.0	31.4
1995	0.5	0.2	13.7	1.8	0.0	28.5
1996	0.0	0.1	14.7	2.2	0.0	41.9
1997	0.1	0.2	16.5	0.2	0.3	15.4
1998	0.0	0.0	14.6	1.4	1.6	27.7
1999	0.0	0.4	7.0	1.5	0.0	24.8
2000	0.0	0.2	22.3	0.0	0.1	24.9
2001	24.7	0.9	40.5	3.8	0.8	53.3
Bearing	53.6	41.7	1,262.8	63.0	59.2	1,946.3
2002	0.0	0.1	23.9	20.9	0.3	66.3
2003	0.0	0.0	32.2	13.7	0.0	76.0
2004	16.7	0.2	23.4	1.0	0.0	26.8
Non-bearing	16.7	0.3	79.5	35.6	0.3	169.1
Total	70.3	42.0	1,342.3	98.6	59.5	2,115.4

CITRUS: Number of acres by county, type, and census year

	Oranges		Grapefruit		Specialty		Total	
	2004	2005	2004	2005	2004	2005	2004	2005
	<i>Acres</i>							
DeSoto	67,020	62,386	438	615	1,101	937	68,559	63,938
Hardee	52,384	47,095	620	494	1,410	1,254	54,414	48,843
Indian River	21,901	19,715	24,194	21,918	1,444	1,283	47,539	42,916
Martin	36,373	34,038	2,823	2,388	1,134	916	40,330	37,342
Palm Beach	2,176	1,084	779	584	1,587	1,388	4,542	3,056
St. Lucie	40,259	32,211	37,990	28,450	4,738	3,766	82,987	64,427
Total	220,113	196,529	66,844	54,449	11,414	9,544	298,371	260,522
Percent decrease		10.7%		18.5%		16.4%		12.7%

CITRUS: Number of trees by county, type, and census year

	Oranges		Grapefruit		Specialty		Total	
	2004	2005	2004	2005	2004	2005	2004	2005
	<i>1,000 trees</i>							
DeSoto	8,868.5	8,325.0	51.2	78.4	160.4	138.2	9,080.1	8,541.6
Hardee	6,209.9	5,734.4	67.2	57.4	185.5	166.3	6,462.6	5,958.1
Indian River	2,584.9	2,342.2	2,544.1	2,305.9	193.3	173.6	5,322.3	4,821.7
Martin	5,254.4	4,958.2	314.5	270.5	163.3	136.7	5,732.2	5,365.4
Palm Beach	352.4	174.3	83.8	64.2	263.6	229.6	699.8	468.1
St. Lucie	5,522.7	4,533.6	4,170.8	3,141.3	648.5	516.1	10,342.0	8,191.0
Total	28,792.8	26,067.7	7,231.6	5,917.7	1,614.6	1,360.5	37,639.0	33,345.9
Percent decrease		9.5%		18.2%		15.7%		11.4%

