



CITRUS COMMERCIAL CITRUS INVENTORY PRELIMINARY REPORT

Cooperating with the Florida Department of Agriculture & Consumer Services
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September 22, 2011

Orange Acreage Down 2 Percent Grapefruit Acreage Down 2 Percent Specialty Acreage Down 6 Percent

Results of the annual commercial citrus inventory show total citrus acreage is 541,328, down 2.3 percent, from the last survey. Compared to the previous inventory, the net decrease of 12,709 acres is less with a lower gross loss (21,769) and fewer new plantings (9,060). Of the 30 counties included in the survey, 23 recorded decreases in acreage, 5 showed increases, and 2 are unchanged. Martin County, down 4,567 acres, has suffered the greatest loss for three straight years and has been declining since 1994. Desoto County has recorded gains in the last 4 surveys and this year's gain of 739 is the most of any county. Polk remains the leader in acreage with 82,577 and has taken the lead in trees with 9.9 million.

Orange acreage declined for the seventh consecutive survey to 473,086 the lowest since the record low of 466,252 tallied in the 1986 inventory. Only the Western area showed an increase in orange acreage. Valencias comprise 56 percent of the total orange trees, non-Valencias account for 43 percent, with the unidentified trees as the remainder. Bearing trees comprise 93 percent of the total trees, similar to recent years.

Grapefruit acreage fell to a new low of 48,990, representing only 55 percent of the pre-hurricanes figure. The combined white and colored seedless varieties lost nearly 1,300 acres since the previous inventory. The Indian River District still holds 74 percent of the total grapefruit acreage even after losing more than 500 acres. Only 561 acres of seedy grapefruit remain.

Specialty acreage continued to decline to a record low of 19,252. All tangerine acreage fell 4 percent to 13,127. Honey tangerines account for 48 percent of the tangerine total with 6,342 acres. Despite losses, Sunburst acreage is 78 percent of the early tangerine total with 5,326, while Fallglo is down to 1,459. Tangelo acreage decreased 7 percent to 4,383. Over 58 percent of the specialty acreage is located in the Central and Northern areas.

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

| Survey year | Oranges (acres) | Grapefruit (acres) | Specialty fruit (acres) | Total (acres) | Change ³ | | Net change (acres) | Total (acres) |
|-------------------------|--------------------|-----------------------|----------------------------|------------------|-----------------------|--------------------------|-----------------------|------------------|
| | | | | | Gross loss (acres) | New plantings (acres) | | |
| 1974 | 642,431 | 130,326 | 91,341 | 864,098 | 40,181 | 26,260 | -13,921 | 864,098 |
| 1976 | 628,567 | 137,909 | 85,893 | 852,369 | 40,518 | 28,789 | -11,729 | 852,369 |
| 1978 ¹ | 616,020 | 136,342 | 78,873 | 831,235 | 49,127 | 27,993 | -21,134 | 831,235 |
| 1980 | 627,174 | 139,944 | 78,165 | 845,283 | 25,925 | 39,973 | +14,048 | 845,283 |
| 1982 ¹ | 636,864 | 139,939 | 71,053 | 847,856 | 51,942 | 54,515 | +2,573 | 847,856 |
| 1984 ¹ | 573,991 | 134,680 | 52,694 | 761,365 | 159,719 | 73,228 | -86,491 | 761,365 |
| 1986 ¹ | 466,252 | 117,845 | 40,395 | 624,492 | 185,598 | 48,725 | -136,873 | 624,492 |
| 1988 | 536,737 | 119,606 | 41,586 | 697,929 | 52,240 | 125,677 | +73,437 | 697,929 |
| 1990 ¹ | 564,809 | 125,300 | 42,658 | 732,767 | 85,858 | 120,696 | +34,838 | 732,767 |
| 1992 | 608,636 | 135,166 | 47,488 | 791,290 | 74,704 | 133,227 | +58,523 | 791,290 |
| 1994 | 653,370 | 146,915 | 53,457 | 853,742 | 45,214 | 107,666 | +62,452 | 853,742 |
| 1996 | 656,598 | 144,416 | 56,673 | 857,687 | 35,947 | 39,892 | +3,945 | 857,687 |
| 1998 | 658,390 | 132,817 | 54,053 | 845,260 | 49,325 | 36,898 | -12,427 | 845,260 |
| 2000 | 665,529 | 118,145 | 48,601 | 832,275 | 59,516 | 46,531 | -12,985 | 832,275 |
| 2002 | 648,806 | 105,488 | 43,009 | 797,303 | 77,197 | 42,225 | -34,972 | 797,303 |
| 2004 ² | 622,821 | 89,048 | 36,686 | 748,555 | 88,875 | 40,127 | -48,748 | 748,555 |
| 2006 ² | 529,241 | 63,419 | 28,713 | 621,373 | 150,805 | 23,623 | -127,182 | 621,373 |
| 2008 | 496,518 | 56,881 | 23,178 | 576,577 | 66,924 | 22,128 | -44,796 | 576,577 |
| 2009 | 492,529 | 53,863 | 22,422 | 568,814 | 19,918 | 12,155 | -7,763 | 568,814 |
| 2010 | 483,418 | 50,189 | 20,430 | 554,037 | 25,109 | 10,332 | -14,777 | 554,037 |
| 2011 | 473,086 | 48,990 | 19,252 | 541,328 | 21,769 | 9,060 | -12,709 | 541,328 |

¹ January freezes in 1977, 1981, 1982, 1985, and 1986. December freezes in 1983, 1985, and 1989.

² August and September hurricanes in 2004, October hurricane in 2005.

³ One year change beginning in 2009.

All Citrus: Acreage, by Variety and Year Set, Crop Year 2010-2011

| Year set | All citrus | Oranges | | | | | | Tangelos | Other citrus |
|-------------------------|----------------|----------------|---------------|--------------|----------------|--------------|----------------|--------------|--------------|
| | | Early | Midseason | Temples | Late | Unidentified | Total | | |
| | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) |
| Pre-1967..... | 25,897 | 7,177 | 3,819 | 638 | 11,416 | - | 23,050 | 522 | 48 |
| 1967-1976..... | 16,993 | 2,416 | 1,648 | 140 | 5,591 | - | 9,795 | 157 | 23 |
| 1977-1986..... | 62,489 | 25,703 | 2,847 | 175 | 24,453 | - | 53,178 | 327 | 70 |
| 1987-1989..... | 85,421 | 28,852 | 2,920 | 287 | 41,497 | 1 | 73,557 | 970 | 364 |
| 1990-1992..... | 102,196 | 30,556 | 4,072 | 118 | 51,722 | 5 | 86,473 | 1,127 | 405 |
| 1993-1995..... | 41,824 | 12,101 | 2,455 | 57 | 21,217 | 5 | 35,835 | 385 | 281 |
| 1996-1998..... | 41,327 | 10,095 | 1,987 | 93 | 25,810 | 1 | 37,986 | 248 | 155 |
| 1999-2001..... | 50,597 | 17,196 | 3,089 | 70 | 27,250 | - | 47,605 | 185 | 157 |
| 2002-2004..... | 43,141 | 17,795 | 2,337 | 53 | 19,458 | 8 | 39,651 | 335 | 105 |
| 2005-2007..... | 35,610 | 15,171 | 1,655 | 18 | 15,003 | 1,153 | 33,000 | 97 | 94 |
| Bearing..... | 505,495 | 167,062 | 26,829 | 1,649 | 243,417 | 1,173 | 440,130 | 4,353 | 1,702 |
| 2008..... | 14,136 | 4,586 | 621 | - | 5,866 | 2,377 | 13,450 | 15 | 14 |
| 2009..... | 12,637 | 4,153 | 461 | - | 4,725 | 2,051 | 11,390 | 13 | 25 |
| 2010..... | 9,060 | 2,744 | 283 | - | 3,456 | 1,633 | 8,116 | 2 | 1 |
| Non-bearing..... | 35,833 | 11,483 | 1,365 | - | 14,047 | 6,061 | 32,956 | 30 | 40 |
| Total..... | 541,328 | 178,545 | 28,194 | 1,649 | 257,464 | 7,234 | 473,086 | 4,383 | 1,742 |

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All Citrus: Trees, by Variety and Year Set, Crop Year 2010-2011

| Year set | All citrus | Oranges | | | | | | Tangelos | Other citrus |
|-------------------------|-----------------|-----------------|----------------|---------------|-----------------|---------------|-----------------|---------------|---------------|
| | | Early | Midseason | Temples | Late | Unidentified | Total | | |
| (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) |
| Pre-1967..... | 2,564.1 | 705.4 | 391.7 | 64.9 | 1,152.5 | - | 2,314.5 | 44.7 | 4.7 |
| 1967-1976..... | 1,806.7 | 288.3 | 201.8 | 15.8 | 657.0 | - | 1,162.9 | 17.1 | 2.9 |
| 1977-1986..... | 7,512.8 | 3,098.8 | 350.1 | 21.4 | 3,055.9 | - | 6,526.2 | 38.5 | 8.2 |
| 1987-1989..... | 11,834.0 | 4,001.4 | 397.5 | 37.0 | 5,910.7 | - | 10,346.6 | 132.2 | 56.0 |
| 1990-1992..... | 14,432.4 | 4,218.1 | 552.7 | 14.1 | 7,638.3 | 0.4 | 12,423.6 | 154.5 | 58.3 |
| 1993-1995..... | 5,867.0 | 1,623.1 | 358.9 | 6.7 | 3,040.6 | 0.8 | 5,030.1 | 51.6 | 47.9 |
| 1996-1998..... | 5,568.1 | 1,333.3 | 262.1 | 12.1 | 3,521.5 | 0.1 | 5,129.1 | 38.0 | 20.7 |
| 1999-2001..... | 6,517.4 | 2,196.8 | 422.5 | 9.2 | 3,528.7 | - | 6,157.2 | 24.2 | 22.0 |
| 2002-2004..... | 5,390.2 | 2,234.2 | 292.5 | 6.4 | 2,452.2 | 1.1 | 4,986.4 | 41.0 | 14.4 |
| 2005-2007..... | 4,416.0 | 1,848.5 | 206.0 | 2.5 | 1,886.7 | 140.1 | 4,083.8 | 14.3 | 11.4 |
| Bearing..... | 65,908.7 | 21,547.9 | 3,435.8 | 190.1 | 32,844.1 | 142.5 | 58,160.4 | 556.1 | 246.5 |
| 2008..... | 1,845.2 | 577.7 | 76.5 | - | 811.9 | 300.7 | 1,766.8 | 1.5 | 1.5 |
| 2009..... | 1,677.7 | 583.6 | 59.9 | - | 626.7 | 261.3 | 1,531.5 | 1.8 | 3.0 |
| 2010..... | 1,209.1 | 371.1 | 38.2 | - | 451.2 | 209.7 | 1,070.2 | 0.2 | 0.2 |
| Non-bearing..... | 4,732.0 | 1,532.4 | 174.6 | - | 1,889.8 | 771.7 | 4,368.5 | 3.5 | 4.7 |
| Total..... | 70,640.7 | 23,080.3 | 3,610.4 | 190.1 | 34,733.9 | 914.2 | 62,528.9 | 559.6 | 251.2 |

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All Citrus: Acreage, by Variety and Year Set, Crop Year 2010-2011 (continued)

| Year set | Grapefruit | | | | | Tangerines | | | | |
|--------------------------|----------------|------------------|------------|--------------|---------------|--------------|--------------|--------------------|--------------|---------------|
| | White seedless | Colored seedless | Seedy | Unidentified | Total | Fallglo | Sunburst | Early ¹ | Honey | Total |
| | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) |
| Pre-1967 | 1,376 | 446 | 124 | - | 1,946 | - | - | - | 331 | 331 |
| 1967-1976 | 3,085 | 3,781 | 84 | - | 6,950 | - | - | - | 68 | 68 |
| 1977-1986 | 676 | 7,232 | 83 | - | 7,991 | 9 | 316 | 325 | 598 | 923 |
| 1987-1989 | 2,614 | 5,489 | 71 | - | 8,174 | 141 | 1,428 | 1,569 | 787 | 2,356 |
| 1990-1992 | 2,911 | 7,332 | 86 | - | 10,329 | 507 | 2,058 | 2,565 | 1,297 | 3,862 |
| 1993-1995 | 951 | 2,096 | 28 | - | 3,075 | 481 | 725 | 1,206 | 1,042 | 2,248 |
| 1996-1998 | 843 | 910 | 19 | - | 1,772 | 137 | 244 | 381 | 785 | 1,166 |
| 1999-2001 | 510 | 1,256 | 17 | - | 1,783 | 88 | 158 | 246 | 621 | 867 |
| 2002-2004 | 529 | 2,010 | 14 | - | 2,553 | 17 | 131 | 148 | 349 | 497 |
| 2005-2007 | 114 | 1,756 | 9 | 50 | 1,929 | 43 | 157 | 200 | 290 | 490 |
| Bearing | 13,609 | 32,308 | 535 | 50 | 46,502 | 1,423 | 5,217 | 6,640 | 6,168 | 12,808 |
| 2008 | 71 | 356 | - | 151 | 578 | 2 | 25 | 27 | 52 | 79 |
| 2009 | 19 | 931 | - | 133 | 1,083 | 23 | 50 | 73 | 53 | 126 |
| 2010 | 8 | 688 | 26 | 105 | 827 | 11 | 34 | 45 | 69 | 114 |
| Non-bearing | 98 | 1,975 | 26 | 389 | 2,488 | 36 | 109 | 145 | 174 | 319 |
| Total | 13,707 | 34,283 | 561 | 439 | 48,990 | 1,459 | 5,326 | 6,785 | 6,342 | 13,127 |

- Represents zero.

¹ Fallglo and Sunburst varieties.

All Citrus: Trees, by Variety and Year Set, Crop Year 2010-2011 (continued)

| Year set | Grapefruit | | | | | Tangerines | | | | |
|--------------------------|----------------|------------------|---------------|---------------|----------------|---------------|---------------|--------------------|---------------|----------------|
| | White seedless | Colored seedless | Seedy | Unidentified | Total | Fallglo | Sunburst | Early ¹ | Honey | Total |
| | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) |
| Pre-1967 | 114.2 | 37.8 | 11.5 | - | 163.5 | - | - | - | 36.7 | 36.7 |
| 1967-1976 | 265.2 | 342.9 | 8.2 | - | 616.3 | - | - | - | 7.5 | 7.5 |
| 1977-1986 | 69.1 | 739.5 | 8.0 | - | 816.6 | 2.7 | 39.9 | 42.6 | 80.7 | 123.3 |
| 1987-1989 | 299.9 | 642.2 | 6.5 | - | 948.6 | 21.2 | 208.0 | 229.2 | 121.4 | 350.6 |
| 1990-1992 | 328.8 | 868.7 | 8.1 | - | 1,205.6 | 79.6 | 310.7 | 390.3 | 200.1 | 590.4 |
| 1993-1995 | 99.1 | 270.9 | 2.4 | - | 372.4 | 76.4 | 112.1 | 188.5 | 176.5 | 365.0 |
| 1996-1998 | 88.8 | 105.5 | 1.7 | - | 196.0 | 22.1 | 38.6 | 60.7 | 123.6 | 184.3 |
| 1999-2001 | 50.1 | 142.3 | 1.6 | - | 194.0 | 12.3 | 19.9 | 32.2 | 87.8 | 120.0 |
| 2002-2004 | 57.1 | 228.7 | 1.0 | - | 286.8 | 2.5 | 17.5 | 20.0 | 41.6 | 61.6 |
| 2005-2007 | 11.4 | 219.1 | 0.9 | 5.2 | 236.6 | 6.3 | 21.3 | 27.6 | 42.3 | 69.9 |
| Bearing | 1,383.7 | 3,597.6 | 49.9 | 5.2 | 5,036.4 | 223.1 | 768.0 | 991.1 | 918.2 | 1,909.3 |
| 2008 | 8.1 | 43.0 | - | 14.2 | 65.3 | 0.3 | 3.3 | 3.6 | 6.5 | 10.1 |
| 2009 | 1.8 | 104.8 | - | 16.9 | 123.5 | 3.4 | 6.7 | 10.1 | 7.8 | 17.9 |
| 2010 | 1.0 | 107.6 | 2.5 | 13.3 | 124.4 | 1.8 | 4.2 | 6.0 | 8.1 | 14.1 |
| Non-bearing | 10.9 | 255.4 | 2.5 | 44.4 | 313.2 | 5.5 | 14.2 | 19.7 | 22.4 | 42.1 |
| Total | 1,394.6 | 3,853.0 | 52.4 | 49.6 | 5,349.6 | 228.6 | 782.2 | 1,010.8 | 940.6 | 1,951.4 |

- Represents zero.

¹ Fallglo and Sunburst varieties.

All Citrus: Acreage and Trees, by County and Year of Inventory

| County | 2008 | 2009 | 2010 | 2011 | 2008 | 2009 | 2010 | 2011 |
|-----------------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|
| | (acres) | (acres) | (acres) | (acres) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) |
| Brevard..... | 4,451 | 3,622 | 3,691 | 3,430 | 477.5 | 410.4 | 422.9 | 396.7 |
| Charlotte..... | 11,991 | 12,098 | 12,258 | 12,607 | 1,710.5 | 1,716.1 | 1,741.6 | 1,796.2 |
| Citrus..... | 138 | 139 | 130 | 122 | 15.5 | 15.7 | 14.8 | 14.0 |
| Collier..... | 31,596 | 31,247 | 30,366 | 30,078 | 4,634.0 | 4,579.5 | 4,443.5 | 4,406.1 |
| DeSoto..... | 61,426 | 62,304 | 62,508 | 63,247 | 8,239.5 | 8,304.5 | 8,334.6 | 8,435.5 |
| Glades..... | 9,052 | 9,090 | 8,571 | 8,433 | 1,392.8 | 1,389.7 | 1,285.7 | 1,265.9 |
| Hardee..... | 45,109 | 47,130 | 46,921 | 47,121 | 5,463.5 | 5,714.6 | 5,701.2 | 5,749.9 |
| Hendry..... | 69,927 | 66,821 | 66,814 | 64,797 | 10,576.8 | 10,038.6 | 10,019.9 | 9,723.1 |
| Hernando..... | 895 | 917 | 906 | 813 | 101.9 | 104.2 | 103.3 | 88.2 |
| Highlands..... | 62,599 | 62,443 | 62,440 | 62,301 | 8,025.6 | 8,018.5 | 8,044.0 | 8,004.2 |
| Hillsborough..... | 11,248 | 10,946 | 9,677 | 8,715 | 1,259.0 | 1,236.8 | 1,103.3 | 1,009.9 |
| Indian River..... | 39,013 | 38,377 | 35,497 | 34,899 | 4,344.1 | 4,204.0 | 3,843.2 | 3,781.6 |
| Lake..... | 13,100 | 12,884 | 12,397 | 11,903 | 1,829.2 | 1,797.3 | 1,729.3 | 1,680.4 |
| Lee..... | 10,373 | 10,477 | 10,511 | 10,490 | 1,417.1 | 1,433.1 | 1,436.4 | 1,429.5 |
| Manatee..... | 18,389 | 18,609 | 18,400 | 18,410 | 2,391.9 | 2,413.8 | 2,389.0 | 2,378.3 |
| Marion..... | 1,180 | 1,183 | 1,166 | 1,180 | 143.8 | 144.1 | 141.1 | 142.0 |
| Martin..... | 23,169 | 18,999 | 14,613 | 10,046 | 3,388.1 | 2,769.7 | 2,126.2 | 1,499.9 |
| Okeechobee..... | 8,327 | 7,930 | 7,627 | 7,079 | 940.1 | 901.2 | 876.3 | 843.3 |
| Orange..... | 3,674 | 3,618 | 3,572 | 3,515 | 437.8 | 433.4 | 426.2 | 420.8 |
| Osceola..... | 9,197 | 9,718 | 9,936 | 9,871 | 1,082.2 | 1,154.7 | 1,191.0 | 1,195.5 |
| Palm Beach..... | 997 | 1,013 | 453 | 346 | 170.6 | 164.5 | 80.1 | 48.8 |
| Pasco..... | 7,957 | 7,615 | 7,423 | 7,097 | 1,113.6 | 1,063.9 | 1,036.6 | 993.1 |
| Polk..... | 81,375 | 82,629 | 83,471 | 82,577 | 9,699.1 | 9,841.8 | 9,952.3 | 9,878.6 |
| Putnam..... | 190 | 203 | 202 | 196 | 29.5 | 30.5 | 30.3 | 29.7 |
| St. Lucie..... | 48,073 | 45,800 | 41,535 | 39,223 | 6,151.0 | 5,883.7 | 5,368.1 | 5,118.7 |
| Sarasota..... | 1,502 | 1,411 | 1,403 | 1,398 | 170.5 | 159.3 | 160.1 | 157.7 |
| Seminole..... | 491 | 482 | 428 | 422 | 56.9 | 55.4 | 50.2 | 49.8 |
| Volusia..... | 1,083 | 1,065 | 1,090 | 981 | 108.7 | 106.5 | 110.9 | 100.6 |
| Other Counties ¹ | 55 | 44 | 31 | 31 | 5.3 | 5.0 | 2.7 | 2.7 |
| Total..... | 576,577 | 568,814 | 554,037 | 541,328 | 75,376.1 | 74,090.5 | 72,164.8 | 70,640.7 |

¹ Includes Alachua and Pinellas.

All Citrus: Acreage and Trees, by Variety and Year of Inventory

| Variety | 2008 | 2009 | 2010 | 2011 | 2008 | 2009 | 2010 | 2011 |
|---------------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|
| | (acres) | (acres) | (acres) | (acres) | (1,000 trees) | (1,000 trees) | (1,000 trees) | (1,000 trees) |
| ORANGES: | | | | | | | | |
| Hamlin..... | 158,618 | 157,558 | 155,833 | 154,558 | 20,477.3 | 20,227.1 | 20,056.8 | 19,950.1 |
| Navel..... | 10,443 | 9,802 | 9,106 | 8,713 | 1,331.5 | 1,248.3 | 1,154.0 | 1,105.0 |
| Ambersweet..... | 1,447 | 1,397 | 1,363 | 1,275 | 193.9 | 188.5 | 184.1 | 170.7 |
| Other early..... | 15,630 | 15,195 | 14,479 | 13,999 | 2,092.1 | 2,033.6 | 1,917.6 | 1,854.5 |
| Pineapple..... | 26,640 | 25,258 | 22,781 | 21,422 | 3,366.5 | 3,166.0 | 2,838.3 | 2,673.3 |
| Other mids..... | 6,619 | 6,703 | 6,791 | 6,772 | 916.6 | 931.9 | 942.0 | 937.1 |
| Temples..... | 2,140 | 1,822 | 1,741 | 1,649 | 243.0 | 208.6 | 196.1 | 190.1 |
| Non-Valencia..... | 221,537 | 217,735 | 212,094 | 208,388 | 28,620.9 | 28,004.0 | 27,288.9 | 26,880.8 |
| Valencia..... | 269,991 | 267,112 | 262,906 | 257,464 | 36,562.8 | 36,045.0 | 35,439.4 | 34,733.9 |
| Unidentified..... | 4,990 | 7,682 | 8,418 | 7,234 | 591.6 | 943.7 | 1,048.4 | 914.2 |
| TOTAL ORANGES..... | 496,518 | 492,529 | 483,418 | 473,086 | 65,775.3 | 64,992.7 | 63,776.7 | 62,528.9 |
| GRAPEFRUIT: | | | | | | | | |
| Seedy..... | 670 | 573 | 565 | 561 | 62.6 | 52.9 | 52.5 | 52.4 |
| White seedless..... | 17,711 | 15,966 | 14,124 | 13,707 | 1,843.0 | 1,637.6 | 1,437.6 | 1,394.6 |
| Colored seedless..... | 38,125 | 36,974 | 35,160 | 34,283 | 4,291.3 | 4,136.5 | 3,918.5 | 3,853.0 |
| Unidentified..... | 375 | 350 | 340 | 439 | 44.1 | 34.0 | 37.3 | 49.6 |
| TOTAL GRAPEFRUIT..... | 56,881 | 53,863 | 50,189 | 48,990 | 6,241.0 | 5,861.0 | 5,445.9 | 5,349.6 |
| SPECIALTY: | | | | | | | | |
| TANGELOS: | | | | | | | | |
| Orlando Tangelos..... | 3,014 | 2,977 | 2,752 | 2,541 | 387.8 | 383.9 | 352.6 | 328.6 |
| Minneola Tangelos..... | 2,030 | 1,975 | 1,716 | 1,587 | 247.3 | 240.3 | 207.3 | 192.9 |
| Other Tangelos..... | 301 | 285 | 259 | 255 | 44.1 | 41.5 | 38.3 | 38.1 |
| TOTAL TANGELOS..... | 5,345 | 5,237 | 4,727 | 4,383 | 679.2 | 665.7 | 598.2 | 559.6 |
| TANGERINES: | | | | | | | | |
| Fallglo Tangerines..... | 1,582 | 1,559 | 1,476 | 1,459 | 246.8 | 243.5 | 231.1 | 228.6 |
| Sunburst Tangerines..... | 6,268 | 6,118 | 5,681 | 5,326 | 917.8 | 895.2 | 830.5 | 782.2 |
| Early Tangerines..... | 7,850 | 7,677 | 7,157 | 6,785 | 1,164.6 | 1,138.7 | 1,061.6 | 1,010.8 |
| Honey Tangerines..... | 7,585 | 7,319 | 6,456 | 6,342 | 1,153.4 | 1,101.9 | 962.8 | 940.6 |
| TOTAL TANGERINES..... | 15,435 | 14,996 | 13,613 | 13,127 | 2,318.0 | 2,240.6 | 2,024.4 | 1,951.4 |
| True Lemons..... | 602 | 461 | 436 | 310 | 104.5 | 82.2 | 78.7 | 54.0 |
| Other Citrus ¹ | 1,796 | 1,728 | 1,654 | 1,432 | 258.1 | 248.3 | 240.9 | 197.2 |
| TOTAL SPECIALTY..... | 23,178 | 22,422 | 20,430 | 19,252 | 3,359.8 | 3,236.8 | 2,942.2 | 2,762.2 |
| TOTAL CITRUS..... | 576,577 | 568,814 | 554,037 | 541,328 | 75,376.1 | 74,090.5 | 72,164.8 | 70,640.7 |

¹ Includes Meyer Lemons, Robinson and Dancy Tangerines.

All Citrus: Acreage, by Production Area and Year of Inventory

| Production Area | Oranges | | Grapefruit | | Specialty | | Total | |
|--------------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|
| | 2010 | 2011 | 2010 | 2011 | 2010 | 2011 | 2010 | 2011 |
| | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) | (acres) |
| Indian River | 41,952 | 39,029 | 37,000 | 36,482 | 2,721 | 2,502 | 81,673 | 78,013 |
| Northern | 22,143 | 21,468 | 1,007 | 900 | 3,594 | 3,359 | 26,744 | 25,727 |
| Central..... | 142,223 | 141,463 | 4,769 | 4,626 | 6,884 | 6,698 | 153,876 | 152,787 |
| Western..... | 134,660 | 134,889 | 1,649 | 1,517 | 2,631 | 2,516 | 138,940 | 138,922 |
| Southern..... | 142,440 | 136,237 | 5,764 | 5,465 | 4,600 | 4,177 | 152,804 | 145,879 |
| Total | 483,418 | 473,086 | 50,189 | 48,990 | 20,430 | 19,252 | 554,037 | 541,328 |

CITRUS INVENTORY PROCEDURES

This inventory is the third annual survey following a biennial series which began in January 1966. Following the 2008 survey, the work was divided between 2 years with part of each county being visited each year. Florida uses the Public Land Survey System with the units of township and section to describe land. Each township contains 36 sections, each 1 square mile in size. The township is divided into quadrants of 9 square miles. In each survey period, one-half of the quadrants will be inspected. Citrus groves in the northern half of each township will be visited in the odd years and those in the southern half visited in even years.

In 2005, all mapped records were transferred to a geographical information system, (GIS) for use with digital imagery. Base maps are 2004 Digital Ortho Quarter Quads with newer high resolution imagery provided by the Florida Resources and Environmental Analysis Center, as they become available. Changes are now detected by comparing digital imagery taken at different times. 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 interpolations 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, 74,593 blocks were visited to update the records.

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 and to set apart the southern flatwoods plantings. The Indian River District follows the boundary of the Indian River Marketing District. This stratification provides greater homogeneity within each sampling stratum.

In combination with the citrus inventory, abandoned citrus groves were also identified and their locations mapped. During the major portion of the survey, the Division of Plant Industry provided experienced agricultural personnel to assist the Florida Field Office's tree inventory team to evaluate tree condition and make an overall assessment of each citrus grove.

