

**BUREAU OF PLANT & APIARY
INSPECTION**

Richard A. Clark, Chief

ANNUAL REPORT

July 1, 2002 - June 30, 2003

**FLORIDA DEPARTMENT OF
AGRICULTURE
AND CONSUMER SERVICES
Charles H. Bronson, Commissioner**

**DIVISION OF PLANT INDUSTRY
Richard D. Gaskalla, Director**

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BUREAU OF PLANT AND APIARY INSPECTION PERSONNEL

| | | |
|-------------------------------|--------------------------------------|-------------|
| Richard A. Clark | Bureau Chief | Gainesville |
| Betty L. Roberts | Staff Assistant | Gainesville |
| Donna Pons | Fiscal Assistant I | Gainesville |
| Daniel C. Phelps | Asst Chief, Plant Inspection | Gainesville |
| Daniel P. Hudson | Senior Clerk | Gainesville |
| Steve Belote | Distributed Computer Sys Spec | Gainesville |
| Glenda J. Anderson | Senior Word Proc Sys Operator | Gainesville |
| Lettie M. Roberts | Secretary Specialist | Gainesville |
| Joseph S. Beckwith | Environmental Specialist III | Gainesville |
| Maria Delgado | Senior Clerk | Gainesville |
| Barbara Wilder | Environmental Specialist III | Palmetto |
| | | |
| | <u>REGION I</u> | |
| Stephen A. Hildebrandt | Environmental Supervisor II | Gainesville |
| Kathy Wood | Senior Clerk | Gainesville |
| | | |
| Tyson R. Emery | Environmental Supervisor I | Gainesville |
| Laura L. Ooms | Environmental Specialist I | Jay |
| Jim R. Wigelsworth | Environmental Specialist I | Monticello |
| M. Janie Echols | Environmental Specialist I | Lake City |
| Vacant | Environmental Specialist I | East Duval |
| Flewellyn W. Podris | Environmental Specialist I | West Duval |
| Osmond O. Baron | Environmental Specialist I | Gainesville |
| Sol F. Looker | Environmental Specialist I | Palatka |
| Larry W. Smith | Environmental Specialist I | Panama City |
| Vacant | Environmental Specialist I | Trenton |
| | | |
| W. Wayne Smith | Environmental Supervisor I | Tavares |
| Floyd J. McHenry | Environmental Specialist I | Ocala |
| Robert W. Dudley | Environmental Specialist I | Inverness |
| Steve P. Beidler | Environmental Specialist I | Tavares |
| Harry L. Morrison | Environmental Specialist I | Tavares |
| Tom L. Phillips | Environmental Specialist I | Tavares |
| William L. Robinson | Environmental Specialist I | Tavares |
| Charlie L. Spriggs | Environmental Specialist I | Tavares |
| Sam H. Simmons | Environmental Specialist I | Tavares |
| | | |
| Tracy L. Wright | Environmental Supervisor I | Deland |
| Stacey S. Simmons | Environmental Specialist I | Deland |
| Raymond C. Jarrett | Environmental Specialist I | Deland |
| Karen J. Wilson | Environmental Specialist I | Deland |
| Kevin S. Loadholtz | Environmental Specialist I | Deland |

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| | | |
|---------------------------|------------------------------------|--------------|
| Jess V. Smith | Environmental Specialist I | Deland |
| Richard A. George | Environmental Specialist I | Deland |
| | | |
| | <u>REGION II</u> | |
| Terry L. Kipp | Environmental Supervisor II | Apopka |
| Lydia McKittrick | Senior Clerk | Apopka |
| | | |
| Serena Stornaiuolo | Environmental Supervisor I | Apopka |
| Vacant | Environmental Specialist I | Orlando |
| Lance A. Brown | Environmental Specialist I | Apopka |
| Leslie J. Wilber | Environmental Specialist I | Apopka |
| Luis A. Arocho | Environmental Specialist I | Apopka |
| Amanda D. Melco | Environmental Specialist I | Apopka |
| Kathy A. Gonzalez | Environmental Specialist I | Apopka |
| Allen H. Garbrick | Environmental Specialist I | Apopka |
| Vacant | Environmental Specialist I | Apopka |
| Ping Qiao | Environmental Specialist I | Apopka |
| | | |
| W. Jack Shirley | Environmental Supervisor I | Winter Haven |
| Helen A. Smith | Environmental Specialist I | Dade City |
| Steve A. Bohnstedt | Environmental Specialist I | Winter Haven |
| Terrence D. Williams | Environmental Specialist I | Orlando |
| John P. Tice | Environmental Specialist I | Winter Haven |
| Leo M. Sansoucy | Environmental Specialist I | Winter Haven |
| Charles A. Thornhill | Environmental Specialist I | Winter Haven |
| Paul R. Sasser | Environmental Specialist I | Dade City |
| Diana E. Bozeman | Environmental Specialist I | Dade City |
| | | |
| Ralph E. Muekeley | Environmental Supervisor I | Clearwater |
| Alan R. Haynes | Environmental Specialist I | Clearwater |
| Thomas S. Lastrapes | Environmental Specialist I | Clearwater |
| Dave M. Mooney | Environmental Specialist I | Clearwater |
| Gabriella M. Bernard | Environmental Specialist I | Clearwater |
| Linda McRay | Environmental Specialist I | Clearwater |
| Mary E. Wadsworth | Environmental Specialist I | Clearwater |
| Vacant | Environmental Specialist I | Clearwater |
| Vacant | Environmental Specialist I | Clearwater |
| | | |
| Kenneth L. Hibbard | Environmental Supervisor I | Ft. Pierce |
| Ketturah L. Crooks | Environmental Specialist I | Avon Park |
| Greg A. Brown | Environmental Specialist I | Cocoa |
| Christine J. Frere | Environmental Specialist I | Cocoa |
| Richard H. Stoll | Environmental Specialist I | Vero Beach |
| Jim J. Walukiewicz | Environmental Specialist I | Ft. Pierce |

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| | | |
|--------------------------|------------------------------------|-----------------|
| Jim E. Bennett | Environmental Specialist I | Avon Park |
| Carrie S. Stone | Environmental Specialist I | Avon Park |
| | | |
| L. Wayne Clifton | Environmental Supervisor I | Bradenton |
| Mark L. Runnals | Environmental Specialist I | Bradenton |
| Albert L. Wright | Environmental Specialist I | Bradenton |
| Amber D. Messick | Environmental Specialist I | Sarasota |
| Karen L. Etchells | Environmental Specialist I | Bradenton |
| James M. Watson | Environmental Specialist I | Bradenton |
| Evelyn M. Herring | Environmental Specialist I | Sarasota |
| Ethel C. Hatfield | Environmental Specialist I | Bradenton |
| | | |
| Howard L. Wallace | Environmental Supervisor I | Tampa |
| Amy R. Simington | Environmental Specialist I | Tampa |
| Jim R. Martin | Environmental Specialist I | Tampa |
| Terri L. Gater | Environmental Specialist I | Tampa |
| Leyanis Gonzales | Environmental Specialist I | Tampa |
| Heather L. Sadler | Environmental Specialist I | Tampa |
| Sam A. Fuller | Environmental Specialist I | Valrico |
| | | |
| | <u>REGION III</u> | |
| Louis T. Lodyga | Environmental Supervisor II | Miami |
| Elsie Aviles | Senior Clerk | Miami |
| | | |
| Ray T. Buchholz | Environmental Supervisor I | West Palm Beach |
| Jorge P. Gomez | Environmental Specialist I | Palm City |
| B. Marie Clark | Environmental Specialist I | West Palm Beach |
| Joao Tomaz DaFonseca | Environmental Specialist I | Bell Glade |
| LeAnn M. West | Environmental Specialist I | Palm City |
| James C. Lee | Environmental Specialist I | West Palm Beach |
| Miguel J. Perales | Environmental Specialist I | Belle Glade |
| Lane M. Smith | Environmental Specialist I | Palm Beach |
| Eduardo Solis | Environmental Specialist I | Palm Beach |
| | | |
| Scott Shea | Environmental Supervisor I | Pompano Beach |
| Gregg D. Farina | Environmental Specialist I | Boynton Beach |
| Mark C. Williams | Environmental Specialist I | Palm Beach |
| J. Keith Harris | Environmental Specialist I | Pompano Beach |
| Nury M. Marrone | Environmental Specialist I | Davie |
| Rita J. Carpenter | Environmental Specialist I | Davie |
| William A. Thiel | Environmental Specialist I | Davie |
| Maria S. Quintanilla | Environmental Specialist I | Davie |
| Ellen J. Tannehill | Environmental Specialist I | Boynton Beach |
| Tom L. Salisbury | Environmental Specialist I | Boynton Beach |

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| | | |
|--------------------------|-----------------------------------|--------------|
| Sallie H. Simmons | Environmental Specialist I | Davie |
| Edward T. Putland | Environmental Supervisor I | Hialeah |
| Lynda F. Davis | Environmental Specialist I | Hialeah |
| Evaristo M. Migueli | Environmental Specialist I | Hialeah |
| Rebecca Sanders | Environmental Specialist I | Hialeah |
| Jose G. Aguila | Environmental Specialist I | Florida City |
| Keith J. Richardson | Environmental Specialist I | Hialeah |
| Gwen H. Myers | Environmental Specialist I | Miami |
| Misael E. Igarza | Environmental Specialist I | Hialeah |
| Eduardo M. Varona | Environmental Supervisor I | Miami |
| Eduardo G. Camero | Environmental Specialist I | Miami |
| Mario J. Hernandez | Environmental Specialist I | Miami |
| RosaMaria M. Quinones | Environmental Specialist I | Miami |
| Duriad I. Hanna | Environmental Specialist I | Miami |
| Cheryl L. Lichkai | Environmental Specialist I | Florida City |
| Melba A. Otero | Environmental Specialist I | Miami |
| Lynn D. Howerton | Environmental Specialist I | Florida City |
| Ana L. Ochoa | Environmental Specialist I | Florida City |
| Karen W. LeBoutillier | Environmental Specialist I | Miami |
| Matt W. Brodie | Environmental Supervisor I | Naples |
| Walter W. Golden | Environmental Specialist I | Ft. Myers |
| Lori A. Richards | Environmental Specialist I | LaBelle |
| Scott D. Krueger | Environmental Specialist I | Naples |
| Alan J. Gambill | Environmental Specialist I | Ft. Myers |
| Jack G. Samuel | Environmental Specialist I | Ft. Myers |
| Leonora J. Coleman | Environmental Specialist I | Ft. Myers |
| Richard J. Nanneman | Environmental Specialist I | Naples |
| Richard L. Blaney | Environmental Specialist I | Naples |
| Jo Ann Pate | Environmental Specialist I | LaBelle |

CITRUS TREE SURVEY

| | | |
|-------------------|------------------------------------|--------------|
| G. Terry Smith | Environmental Supervisor II | Miami |
| Kathy D. Morgan | Environmental Specialist I | Palmetto |
| Ricky G. Kierce | Environmental Specialist I | Winter Haven |
| Lynn E. Zellers | Environmental Specialist I | Clermont |
| Craig J. Landress | Environmental Specialist I | Avon Park |
| Warren J. Dowling | Environmental Specialist I | Dade City |
| Janet L. Young | Environmental Specialist I | Vero Beach |
| Wendell E. Bowman | Sr. Management Analyst I | Winter Haven |

APIARY INSPECTION

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| | | |
|---------------------|---|--------------|
| Laurence P. Cutts | Assistant Chief, Apiary Inspection | Gainesville |
| Cathy A. Deweese | Administrative Secretary | Gainesville |
| Thomas B. Dowda | Agriculture and Consumer Protection Supervisor | Gainesville |
| Richard L. Dunaway | Agriculture and Consumer Protection Supervisor | Winter Haven |
| John L. Bastianelli | Agriculture and Consumer Protection Specialist | Lake Placid |
| Jerry A. Crews | Agriculture and Consumer Protection Specialist | Vero Beach |
| Harry E. Grant | Agriculture and Consumer Protection Specialist | Stuart |
| D. Fred Howard | Agriculture and Consumer Protection Specialist | La Belle |
| Warren R. Johnson | Agriculture and Consumer Protection Specialist | Hosford |
| William I. Langston | Agriculture and Consumer Protection Specialist | Sopchoppy |
| Joseph H. Robinson | Agriculture and Consumer Protection Specialist | Pensacola |
| David Westervelt | Agriculture and Consumer Protection Specialist | Umatilla |
| Carl D. Corbin | Agriculture and Consumer Protection Specialist | Pensacola |
| David M. Barnes | Agriculture and Consumer Protection Specialist | Lake City |
| Randall A. Dean | Agriculture and Consumer Protection Specialist | Lake Butler |

CARIBBEAN FRUIT FLY CERTIFICATION PROGRAM PERSONNEL

| | | |
|------------------------|---|--------------|
| Calie C. Jenkins | Environmental Specialist III | Ft. Pierce |
| Martin L. Weaver | Certification Specialist | Ft. Pierce |
| Karen L. Holko | Administrative Secretary | Ft. Pierce |
| Christine B. Victorino | Secretary Specialist | Ft. Pierce |
| Raymond H. Warren | Agriculture & Consumer Protection Supervisor | Ft. Pierce |
| Denise V. Marshall | Agriculture & Consumer Protection Supervisor | Ft. Pierce |
| Joyce V. Willis | Agriculture & Consumer Protection Supervisor | LaBelle |
| Carol M. Elting | Agriculture & Consumer Protection Supervisor | Vero Beach |
| April L. Williams | Agriculture & Consumer Protection Inspector | Ft. Pierce |
| Junior Williams | Agriculture & Consumer Protection Inspector | Ft. Pierce |
| John W. Camp | Agriculture & Consumer Protection Inspector | Ft. Pierce |
| Thomas McCollum | Agriculture & Consumer Protection Inspector | LaBelle |
| Ted A. Phillips | Agriculture & Consumer Protection Inspector | Winter Haven |
| Carlos M. Averhoff | Agriculture & Consumer Protection Inspector | Vero Beach |
| Toni A. Weaver | Agricultural Technician III | Ft. Pierce |
| Earnestine Grier | Agricultural Technician III | Ft. Pierce |

July 1, 2002 – June 30 2003 INTRODUCTION

The Bureau of Plant and Apiary Inspection is responsible for protecting Florida's agricultural industry and the public from the introduction and spread of serious plant and honeybee pests. This is accomplished by conducting regular inspections and surveys for the early detection of these pests. This bureau enforces Florida statutes and departmental rules pertaining to the movement of plants, plant products, honeybees, and honeybee products.

The bureau compiles an annual report following the close of each fiscal year. This report contains statistical information on Florida nurseries, nursery stock dealers, nursery stock, beekeepers, honeybee colonies, export certification, and other activities relating to the bureau's responsibilities.

This report is used as an organizational tool for planning bureau activities and budgetary needs. It is available to the public and the industry, and it provides frequently requested information concerning the plant and apiary industries in Florida.

NURSERIES

The total number of active, registered nurseries reported under inspection for the 2002-03 fiscal year was **7,698** compared to 7,487 active registered nurseries last year. Some nurseries have more than one location or block. With 1,498 additional locations or blocks, the total number of nursery blocks is **9,325**. This compares to last year's total of 9,061 nursery locations and blocks.

During the 2002-03 Fiscal Year, **773** new nurseries were registered, compared to the 868 new registrations last year. During the same period, 605 nurseries were marked out-of-business. A total of **11,957** inspections were made at nurseries and blocks this fiscal year. This compares with 12,953 inspections made of 7,487 nurseries and blocks reported in 2001-02 fiscal year.

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NURSERY STOCK DEALERS

There were a total of **3,833** stock dealer establishments with active registration at the end of fiscal year 2002-2003. This compares with 3,730 registered stock dealer establishments last year. Some stock dealers have multiple locations or outlets. With 3,581 additional locations or outlets, the total number of registered stock dealer outlets is **7,414** at the end of fiscal year 2002-2003.

During this period of time, **517** new stock dealers were registered and **525** stock dealers were marked out-of-business. This compares to 868 new registrations and 590 stock dealers marked out-of-business last year. Plant Inspection personnel made **7,695** inspections of stock dealer outlets that sell plants in the State of Florida.

NURSERY AND STOCK DEALERS

| | |
|--|--------------|
| Non-Citrus Nurseries | 7,581 |
| Commercial Citrus Nurseries | 117 |
| Total Number of Active Nurseries | 7,751 |
| Non-Citrus Nursery Blocks | 1,445 |
| Commercial Citrus Blocks | 129 |
| Total Number of Nurseries and Blocks | 9,325 |
| Wholesale Nurseries | 3,482 |
| Retail Nurseries | 3,448 |
| Wholesale/Retail Nurseries | 2,237 |
| Other (own use, government agencies, etc.) | 158 |
| New Nurseries | 773 |
| Nurseries Going Out of Business | 605 |
| Total Number of Active Stock Dealers | 3,833 |
| Additional Stock Dealer Locations | 3,581 |
| Total Number of Stock Dealers and Locations | 7,414 |
| New Stock Dealers | 517 |
| Stock Dealers Going Out of Business | 525 |

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| ACREAGE | |
|--|---------------------|
| | <i>Acres</i> |
| Citrus | 619.16 |
| Non Citrus | 54,566.52 |
| Aquatics | 29.22 |
| Vegetable Transplants | 75.28 |
| Caladiums & Other Bulbs | 2,295.99 |
| Total Acreage of Active Nurseries | 57,586.17* |
| INVENTORY | |
| | <i>Plants</i> |
| Commercial Citrus | 12,806,397 |
| Own-use Citrus | 471,719 |
| Miniature Citrus | 99,762 |
| Dooryard Citrus | 894,797 |
| Aquatics | 2,110,888 |
| Vegetable Transplants | 198,502,419 |
| Caladiums & Other Bulbs | 28,477 |
| Non Citrus | 452,353,007 |
| Total Amount of Nursery Stock in Active Nurseries | 667,267,416* |
| * Does not include 353.20 acres and 66,919,320 seedling trees grown for reforestation. | |

| NUMBER OF NURSERIES UNDER INSPECTION | | |
|--|--------------|--------------|
| TYPE | 01-02 | 02-03 |
| Citrus | 84 | 79 |
| Citrus and Ornamental | 33 | 31 |
| Citrus, Ornamental and Fruits/Nuts | 4 | 7 |
| Citrus, Ornamental, Fruit/Nuts, Vegetable Transplants, Native Plants, Aquatics | 1 | 0 |
| Ornamental | 6,303 | 6,438 |
| Ornamental and Native Plants | 36 | 32 |
| Ornamental and Other Fruits/Nuts | 689 | 754 |
| Ornamental and Aquatics | 38 | 53 |

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| | | |
|--|--------------|--------------|
| Ornamental and Vegetable Transplants | 16 | 20 |
| Ornamental, Caladiums/Bulb Producers | 23 | 21 |
| Ornamental, Native Plants, and Other Fruits/Nuts | 11 | 10 |
| Ornamental, Native Plants, Aquatics | 2 | 0 |
| Ornamental, Other Fruits/Nuts, Aquatics | 18 | 20 |
| Ornamental, Other Fruits/Nuts, Vegetable Transplants | 7 | 6 |
| Ornamental, Vegetable Transplants, Caladiums/Bulbs Producers | 3 | 0 |
| Ornamental, Fruits/Nuts, Caladiums/Bulb Producers | 17 | 18 |
| Ornamental, Native Plants, Fruits/Nuts, Vegetable Transplants | 1 | 1 |
| Ornamental, Native Plants, Caladiums/Bulb Producers | 1 | 0 |
| Ornamental, Fruits/Nuts, Aquatics, Caladiums/Bulb Producers | 0 | 1 |
| Ornamental, Fruits/Nuts, Vegetable Transplants, Caladiums/Bulb Producers | 0 | 1 |
| Aquatics | 45 | 48 |
| Native plants | 9 | 9 |
| Fruits/Nuts | 99 | 99 |
| Vegetable Transplants | 42 | 42 |
| Fruits/Nuts, Vegetable Transplants | 0 | 1 |
| Caladiums/Bulb Producers | 30 | 30 |
| Nurseries with No Block Inventory | 30 | 30 |
| Total Nurseries Under Inspection | 7,487 | 7,751 |

| PLANTS & NURSERIES UNDER INSPECTION BY COUNTY | | |
|--|---------------------|------------------------|
| County | Total Plants | Total Nurseries |
| Alachua | 2,565,981 | 201 |
| Baker | 3,795,355 | 28 |
| Bay | 50,610 | 20 |
| Bradford | 33,490 | 18 |
| Brevard | 759,283 | 208 |
| Broward | 10,414,897 | 445 |
| Calhoun | 634,830 | 8 |
| Charlotte | 243,498 | 31 |
| Citrus | 1,436,388 | 78 |

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| | | |
|--------------|-------------|------|
| Clay | 2,667,858 | 42 |
| Collier | 198,947,615 | 171 |
| Columbia | 811,588 | 57 |
| Dade | 86,074,601 | 1137 |
| Desoto | 2,509,593 | 36 |
| Dixie | 23,045 | 28 |
| Duval | 866,585 | 81 |
| Escambia | 534,888 | 67 |
| Flagler | 3,142,760 | 24 |
| Franklin | 2,610 | 4 |
| Gadsden | 14,485,395 | 17 |
| Gilchrist | 339,642 | 29 |
| Glades | 87,883 | 21 |
| Gulf | 800 | 1 |
| Hamilton | 98,715 | 12 |
| Hardee | 9,395,796 | 63 |
| Hendry | 569,216 | 55 |
| Hernando | 504,204 | 93 |
| Highlands | 8,431,416 | 121 |
| Hillsborough | 33,541,083 | 499 |
| Holmes | 8,530 | 7 |
| Indian River | 260,454 | 58 |
| Jackson | 47,990 | 12 |
| Jefferson | 2,304,779 | 38 |
| Lafayette | 1,006,369 | 6 |
| Lake | 42,950,637 | 328 |
| Lee | 5,206,723 | 206 |
| Leon | 204,635 | 44 |
| Levy | 507,407 | 46 |
| Liberty | 5,260 | 5 |
| Madison | 1,155,545 | 23 |
| Manatee | 5,207,448 | 167 |
| Marion | 3,826,640 | 212 |
| Martin | 3,841,609 | 120 |
| Monroe | 61,231 | 46 |
| Nassau | 217,584 | 18 |
| Okaloosa | 208,129 | 29 |

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| | | |
|----------------|--------------------|--------------|
| Okeechobee | 701,062 | 36 |
| Orange | 144,543,739 | 495 |
| Osceola | 1,607,889 | 75 |
| Palm Beach | 31,759,601 | 547 |
| Pasco | 1,990,815 | 190 |
| Pinellas | 1,028,668 | 200 |
| Polk | 13,082,591 | 309 |
| Putnam | 1,558,486 | 52 |
| St. Johns | 834,167 | 44 |
| St. Lucie | 1,819,251 | 71 |
| Santa Rosa | 5,180,500 | 51 |
| Sarasota | 1,544,414 | 130 |
| Seminole | 2,999,900 | 112 |
| Sumter | 3,315,324 | 51 |
| Suwannee | 3,390,165 | 40 |
| Taylor | 50,075 | 18 |
| Union | 21,395 | 3 |
| Volusia | 1,780,569 | 284 |
| Wakulla | 17,600 | 10 |
| Walton | 22,825 | 8 |
| Washington | 27,785 | 12 |
| TOTALS: | 667,267,416 | 7,698 |

| NURSERY STOCK CLASSIFIED AS ORNAMENTAL | | |
|---|------------------|------------------|
| Classification | 2001-2002 | 2002-2003 |
| Shrubs | 125,421,113 | 122,148,007 |
| Trees, Flowering | 42,703,814 | 24,453,352 |
| Palms | 23,658,525 | 27,924,514 |
| Orchids | 12,690,058 | 13,717,263 |
| Succulents | 2,729,817 | 3,634,012 |
| Tropical Foliage Plants | 211,943,964 | 193,695,958 |
| Miniature Citrus | 130,072 | 99,762 |
| Dooryard Citrus | 851,656 | 894,747 |
| Perennials | 12,217,153 | 10,590,564 |
| Vines | 38,569,837 | 28,511,732 |

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| | | |
|--------------------------------------|--------------------|--------------------|
| Miscellaneous Annuals | 1,626,164 | 2,890,536 |
| Bromeliads | 34,031,061 | 23,433,925 |
| Endangered | 755 | 561 |
| Threatened | 23,780 | 24,408 |
| Exploited | 82,143 | 63,776 |
| Aquatics | 2,170,487 | 2,110,888 |
| Vegetable Transplants | 166,316,972 | 198,502,419 |
| Caladium & Bulbs | 71,250 | 28,477 |
| TOTALS** | 675,238,621 | 652,724,901 |
| ** Trees for reforestation excluded. | | |
| ** Non-Citrus Seedbeds excluded. | 24,505 | 1,253 |
| ** Non-Citrus Liners excluded. | 47,197 | 75,881 |
| ** Non-Citrus Own-Use excluded. | 35,501 | 38,592 |

| NURSERY STOCK BY KIND OF STOCK | | | | | | | |
|---------------------------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|-------|
| Kind of Stock | Acres | 2000-2001 | | 2001-2002 | | 2002-2003 | |
| | | Plants | Acres | Plants | Acres | Plants | Acres |
| Orange | | 6,681,899 | | 5,572,319 | | 5,870,199 | |
| Grapefruit | | 430,779 | | 601,956 | | 704,767 | |
| Mandarin type | | 277,777 | | 283,974 | | 193,982 | |
| Lemons & limes | | 95,680 | | 103,055 | | 93,761 | |
| Seedlings, in beds | | 5,293,490 | | 4,619,704 | | 2,918,986 | |
| Seedlings, lined out | | 2,902,312 | | 4,324,834 | | 3,441,406 | |
| Miscellaneous Citrus | | 379,927 | | 63,228 | | 55,015 | |
| TOTAL CITRUS | 605.68 | 16,061,864 | 607.96 | 15,569,070 | 619.16 | 13,278,116 | |
| Ornamental | | 400,545,416 | | 506,787,115 | | 452,198,843 | |
| Fruits and Nuts | | 843,461 | | 1,022,312 | | 1,148,673 | |
| Aquatics | | 1,813,495 | | 2,170,487 | | 2,110,888 | |
| Vegetable Transplants | | 177,096,138 | | 166,316,972 | | 198,502,419 | |
| Caladiums & Other Bulbs | | 61,941 | | 71,250 | | 28,477 | |
| TOTAL NONCITRUS | 48,850.05 | 580,360,451 | 53,205.10 | 676,368,136 | 56,967.01 | 653,989,300 | |
| GRAND TOTAL | 49,455.73 | 596,422,315 | 53,813.06 | 691,937,206 | 57,586.17 | 667,267,416 | |
| Trees for Reforestation | 558.99 | 95,960,412 | 530.70 | 92,016,107 | 353.20 | 66,919,320 | |
| GRAND TOTAL (under inspection) | 50,014.72 | 692,382,727 | 54,343.76 | 783,953,313 | 57,939.37 | 734,186,736 | |

| |
|--|
| NURSERY STOCK CLASSIFIED AS OTHER FRUITS AND NUTS |
|--|

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| Category | 2001-2002 | 2002-2003 |
|------------------|------------------|------------------|
| Nuts | 119,839 | 106,404 |
| Tropical Fruits | 435,957 | 541,039 |
| Deciduous Fruits | 155,377 | 152,122 |
| Berries | 311,139 | 349,108 |
| Totals | 1,022,312 | 1,148,673 |

| COUNTIES WITH TREES FOR REFORESTATION 2002-2003 | | | |
|--|--------------------------------|--------------------------------|----------------------------|
| County | Trees for Reforestation | Acres for Reforestation | Number of Nurseries |
| Alachua | 18,120 | 7.70 | 3 |
| Clay | 45,000 | 2.00 | 1 |
| Jackson | 5,000,000 | 25.00 | 1 |
| Jefferson | 10 | 10.00 | 1 |
| Lafayette | 400,000 | 10.00 | 1 |
| Levy | 25,000,000 | 93.00 | 1 |
| Madison | 2,001,000 | 85.00 | 2 |
| Manatee | 138,200 | 10.00 | 3 |
| Monroe | 40,000 | 0.25 | 1 |
| Nassau | 2,000 | 0.25 | 1 |
| Palm Beach | 15,000 | 18.00 | 1 |
| Pinellas | 9,000 | 10.00 | 1 |
| Santa Rosa | 250,000 | 5.00 | 1 |
| Sarasota | 1,000 | 1.00 | 1 |
| Suwannee | 12,000,000 | 40.00 | 1 |
| Taylor | 22,000,000 | 46.00 | 1 |
| Totals | 66,919,330 | 363.20 | 21 |

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| OVERVIEW OF INSPECTION STATISTICS 2002-2003 | |
|--|----|
| Nursery Districts | 75 |
| Citrus Tree Survey Districts | 8 |
| Nematode Certification Districts | 8 |
| Protocol Offices | 4 |

| MONIES COLLECTED 2002-2003 | |
|---|-------------------------|
| <u>Type of Charges</u> | <u>Amount Collected</u> |
| Nursery Certificate Fees | \$550,695.09 |
| Nursery Stock Dealer Certification Fees | \$108,141.04 |
| Apiary Certificate Fees | \$19,460.00 |
| Special Inspection Charges (Plant) | \$645,437.62 |
| Special Inspection Charges (Apiary) | \$100.80 |
| Citrus Budwood Registration | \$70.00 |
| Nematode Sampling Charges | \$248,106.20 |
| Boll Weevil Assessments | \$693,487.59 |
| Miscellaneous Items | \$7,935.33 |
| Returned Checks Re-deposited | \$5,650.10 |
| Service Charges on Checks | \$405.00 |
| Caribfly Protocol | \$1,294,549.53 |
| Bio-Control | \$23,250.00 |
| CTV | \$15,000.00 |
| Introduction Permit Fees | \$675.00 |
| Grades & Standards Publications | \$5,283.50 |
| Administrative Fines | \$28,225.00 |
| Winter Haven Fumigation | \$0.00 |
| Refunds | \$367.39 |
| Irradiator Fees | \$29,920.00 |
| TOTAL: | \$3,676,759.19 |

Imported Fire Ant Certification Program

As of June 30, 2003, there were **1455** nurseries and stock dealers under compliance agreement for Imported Fire Ant (IFA) certification purposes. This compares to a total of 1,226 nurseries and stock dealers under compliance on June 30, 2002.

Boll Weevil Eradication Program

At the close of the 2002-2003 cotton-growing season, there were **441** commercial cotton producers in the state. These producers planted **118,877.55** acres of cotton in **13** counties. Throughout the 2002-2003 cotton growing season, there were no boll weevils trapped in the state.

Survey Activities

A total of **1344** biometric survey sites were surveyed for plant pests this year compared to 957 sites surveyed last year.

| <u>Pest Records</u> | <u>Arthropods/Mollusca</u> | <u>Diseases</u> |
|---------------------------|----------------------------|-----------------|
| New Host Records | 167 | 41 |
| New County Records | 105 | 0 |
| New State Records | 10 | 12 |
| New US Records | 5 | 1 |
| New to Science | 12 | 0 |
| New to Western Hemisphere | 0 | 0 |

Trapping Activities

The bureau examines and services various insect traps throughout the state for the early detection of exotic pests. This is summarized below.

Fruit Fly Detection:

During fiscal year 2002-2003, Plant Inspection personnel tended an average of **24,460** Jackson traps, **46** McPhail traps, and **4,697** Multi-Lure traps. In addition, USDA personnel tended an average of **23,034** Jackson traps, **63** McPhail traps, and **3,883** Multi-Lure traps bringing the average number of traps tended statewide to **56,183**.

Gypsy Moth Detection:

Plant Inspection personnel tended **165** gypsy moth traps throughout north Florida with no reproducing gypsy moth detected.

Pink Hibiscus Mealybug (PHM):

Between July 1, 2002 and June 30, 2003 Department personnel witnessed the destructions

of **283,109** plants as a result of PHM. In July 2002 the Division in cooperation with USDA initiated a Pink Hibiscus Mealybug Biological Control Program in Broward and Miami-Dade counties.

SUMMARY OF ACTIVITIES CARIBBEAN FRUIT FLY CERTIFICATION PROGRAM

The Caribbean fruit fly, *Anastrepha suspensa* (Lowe), has been a serious pest of many tropical and sub-tropical fruits of central and south Florida. From the 1965 introduction in the Miami area to the present, this pest has caused concern for many Florida growers and consumers throughout the world. Due to the economic severity that is imposed on fresh fruits and the need to protect other areas of the world against this pest, rigid agricultural quarantines have been established to prevent the movement of infested material and also provide a means for compliance and treatment.

Although these post harvest treatments (fumigation) provided necessary safeguards against this pest, they proved to be expensive and often caused damage to the fruit. In the early 1980's, studies were initiated for the purpose of developing new procedures for certifying citrus fruit free of the Caribbean fruit fly. Based upon these initial studies and a better understanding of the Caribfly as it relates to citrus, an acceptable certification procedure was established. This procedure is referred to as the Fly-Free Certification Program. Presently, **Bermuda, Brazil, Chile, Colombia, Ecuador, Japan, Korea, New Zealand, Philippines, Thailand, the People's Republic of China, Vietnam** and the states of **California, Hawaii and Texas** have accepted this fly-free certification procedure.

The current procedures for certifying citrus with the fly-free zone concept requires that the fruit come from specific Caribbean fruit fly controlled areas, or designated areas in 22 eligible citrus producing counties (see Table 2).

As can be seen in Table 1, the total acres certified have significantly increased over the last sixteen years. The 2002-2003 citrus fruit season had 157,640 acres certified in 22 eligible citrus producing counties (see Table 2).

With the Caribfly Protocol, a safe and effective procedure has been established to export citrus to areas requiring quarantine safeguards. Currently the largest importer of fresh Florida citrus fruit is Japan. Since the beginning of the 2002-2003 shipping season there has been a total of 10,187,638 4/5 bushel cartons of citrus fruit shipped to Japan. This total had 6,106 4/5 bushel cartons short term cold treated and 10,181,532 cartons exported fly control or fly free. The fly free certification method has become an accepted procedure and represents 84% of the total Japanese fresh fruit export market during a seventeen year period. For the 2002-2003 season alone, the fly free certification method represents 99% of the total Japanese fresh fruit export market.

The Caribbean Fruit Fly Protocol is administered by the Florida Department of Agriculture and Consumer Services - Division of Plant Industry and Division of Fruit and Vegetable Inspection, in cooperation with the U.S. Department of Agriculture, Animal and Plant Health Inspection Service, Plant Protection and Quarantine.

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TABLE 1. TOTAL ACRES CERTIFIED 1986-2003

| <u>Fruit Season</u> | <u>Designated Areas</u> | <u>Total Acres</u> | <u>Number of Counties</u> | <u>Number of Acres Certified</u> |
|---------------------|-------------------------|--------------------|---------------------------|----------------------------------|
| 1986/1987 | 162 | 48,600 | 2 | 16,500 |
| 1987/1988 | 322 | 96,600 | 4 | 32,000 |
| 1988/1989 | 744 | 223,200 | 7 | 62,020 |
| 1989/1990 | 902 | 270,600 | 13 | 77,300 |
| 1990/1991 | 1,095 | 328,500 | 15 | 114,240 |
| 1991/1992 | 1,364 | 409,200 | 16 | 139,880 |
| 1992/1993 | 1,658 | 497,400 | 18 | 152,580 |
| 1993/1994 | 1,853 | 555,900 | 19 | 161,140 |
| 1994/1995 | 1,989 | 596,700 | 19 | 187,780 |
| 1995/1996 | 2,260 | 678,000 | 20 | 204,220 |
| 1996/1997 | 2,329 | 698,700 | 20 | 188,080 |
| 1997/1998 | 2,361 | 708,300 | 20 | 186,480 |
| 1998/1999 | 2,393 | 717,900 | 20 | 185,200 |
| 1999/2000 | 2,511 | 753,300 | 21 | 184,020 |
| 2000/2001 | 2,569 | 770,700 | 22 | 178,500 |
| 2001/2002 | 2,636 | 790,800 | 22 | 175,200 |
| 2002/2003 | 2,684 | 805,200 | 22 | 157,640 |
| 2003/2004 | 2,713 | 813,900 | 22 | |

TABLE 2. ACRES CERTIFIED 2002-2003 EARLY SEASON AND STANDARD CERTIFICATION BY COUNTY

| <u>COUNTY</u> | <u>EARLY SEASON</u> | | <u>STANDARD SEASON</u> | | <u>TOTAL</u> |
|--------------------|---------------------|--------------------------|------------------------|--------------------------|----------------|
| | <u>BAIT SPRAY</u> | <u>NEGATIVE TRAPPING</u> | <u>BAIT SPRAY</u> | <u>NEGATIVE TRAPPING</u> | |
| Brevard | 200 | 0 | 0 | 0 | 200 |
| Charlotte | 400 | 4,800 | 200 | 4,200 | 9,600 |
| Collier | 200 | 0 | 320 | 0 | 520 |
| Desoto | 200 | 0 | 480 | 0 | 680 |
| Glades | 120 | 0 | 0 | 0 | 120 |
| Hardee | 320 | 0 | 400 | 0 | 720 |
| Hendry | 1,760 | 2,400 | 1,480 | 900 | 6,540 |
| Highlands | 1,160 | 0 | 480 | 0 | 1,640 |
| Indian River | 4,000 | 18,300 | 9,040 | 19,200 | 50,540 |
| Lake | 1,320 | 0 | 240 | 0 | 1,560 |
| Lee | 0 | 0 | 0 | 0 | 0 |
| Manatee | 120 | 0 | 80 | 0 | 200 |
| Martin | 2,360 | 900 | 2,440 | 0 | 5,700 |
| Osceola | 640 | 0 | 680 | 0 | 1,320 |
| Okeechobee | 160 | 600 | 880 | 0 | 1,640 |
| Orange | 40 | 0 | 0 | 0 | 40 |
| Palm Beach | 1,600 | 0 | 1,160 | 0 | 2,760 |
| Pasco | 200 | 0 | 80 | 0 | 280 |
| Polk | 600 | 0 | 160 | 0 | 760 |
| Sarasota | 160 | 0 | 160 | 0 | 320 |
| St. Lucie | 5,720 | 25,500 | 14,880 | 26,400 | 72,500 |
| Volusia | 0 | 0 | 0 | 0 | 0 |
| Total Acres | 21,280 | 52,500 | 33,160 | 50,700 | 157,640 |

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| | |
|------------------------------|----------------|
| EARLY SEASON TOTAL | 73,780 |
| STANDARD SEASON TOTAL | 83,860 |
| GRAND TOTAL | 157,640 |

**TABLE 4. EXPORT OF FRESH CITRUS TO JAPAN 1987-2003
(4/5 BUSHEL BOXES)**

| <u>Fresh Fruit Season</u> | <u>Cold Treatment Short Term</u> | <u>Cold Treatment Long Term</u> | <u>Fly Control Zone</u> | <u>EDB</u> | <u>Total</u> |
|-----------------------------------|--|---|---------------------------------|------------------|--------------------|
| 1986/1987 | 1,530,366 | 1,643,968 | 926,076 | 4,999,988 | 9,100,398 |
| 1987/1988 | 1,142,354 | 3,905,585 | 4,461,699 | 951,848 | 10,471,486 |
| 1988/1989 | 2,291,669 | 4,571,525 | 6,473,147 | 0 | 13,336,341 |
| 1989/1990 | 100,364 | 303,486 | 4,973,538 | 0 | 5,377,388 |
| 1990/1991 | 1,626,865 | 1,071,805 | 8,813,266 | 0 | 11,511,936 |
| 1991/1992 | 385,835 | 1,043,456 | 9,618,375 | 0 | 11,047,666 |
| 1992/1993 | 309,856 | 382,566 | 8,490,940 | 0 | 9,183,362 |
| 1993/1994 | 94,754 | 462,491 | 11,039,972 | 0 | 11,597,217 |
| 1994/1995 | 31,694 | 27,027 | 10,369,389 | 0 | 10,428,110 |
| 1995/1996 | 6,506 | 42,057 | 11,302,679 | 0 | 11,351,242 |
| 1996/1997 | 8,915 | 124,848 | 10,933,422 | 0 | 11,067,185 |
| 1997/1998 | 3,627 | 158,147 | 9,169,261 | 0 | 9,331,035 |
| 1998/1999 | 7,182 | 99,154 | 10,014,270 | 0 | 10,120,606 |
| 1999/2000 | 0 | 99,819 | 10,872,580 | 0 | 10,972,399 |
| 2000/2001 | 2,493 | 214,026 | 10,560,115 | 0 | 10,776,634 |
| 2001/2002 | 5,334 | 48,834 | 11,198,287 | 0 | 11,252,455 |
| 2002/2003 | 6,106 | 0 | 10,181,532 | 0 | 10,187,638 |
| TOTAL | 7,553,920 | 14,198,794 | 149,398,548 | 5,961,836 | 177,113,098 |

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EXPORT CERTIFICATION

Plant Inspection personnel issued the following number of various certificates for plants and plant products destined to other states and countries.

- + State Phytosanitary Certificates: **4602** certificates
- + Federal Phytosanitary Certificates: **7829** certificates
- + Federal Re-export Certificates: **700** certificates
- + Total State and Federal for 2001-2002: **15,550** certificates
- + Total State and Federal for 2002-2003: **13,135** certificates

QUARANTINES

A total of **353,996** plants were placed under quarantine this fiscal year to prevent further dissemination of potentially serious plant pests. This does not include citrus trees quarantined because of citrus canker.

OFFICE OF AGRICULTURAL LAW ENFORCEMENT REPORT
Of AGRICULTURAL PRODUCTS ENTERING FLORIDA

A total of **4,950** vehicles carrying plants and plant products were reported entering Florida through the agriculture inspection stations operated by the Office of Agricultural Law Enforcement Unit during the 2002-2003 Fiscal Year.

| Commodity | # of Shipments | # of Violations |
|--------------------|-----------------------|------------------------|
| AAA Multiproducts | 112 | 1 |
| Avocado | 25 | 11 |
| Baby's Breath | 1 | 0 |
| Beets | 5 | 1 |
| Broad Bean | 1 | 0 |
| Broccoli | 25 | 13 |
| Cauliflower | 4 | 2 |
| Celery | 10 | 8 |
| Chrysanthemum | 4 | 0 |
| Citrus | 99 | 34 |
| Cucumbers | 17 | 10 |
| Cut Christmas Tree | 390 | 5 |
| Cut Fern | 101 | 1 |
| Cut Flowers | 173 | 3 |
| Cut Foliage | 159 | 0 |
| Dogwood | 1 | 0 |
| Garden Lettuce | 10 | 0 |
| Garden Pea | 1 | 1 |
| Garlic | 8 | 6 |
| Green Onions | 237 | 185 |

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| | | |
|--------------------|-------------|-------------|
| Hay | 64 | 0 |
| Leeks | 13 | 13 |
| Lime | 52 | 24 |
| Mangoes | 13 | 1 |
| Melon | 71 | 22 |
| Nasturtium | 1 | 0 |
| Nursery Stock | 2608 | 255 |
| Oak | 106 | 14 |
| Onion | 105 | 14 |
| Organic Vegetables | 14 | 4 |
| Other - Plant | 242 | 29 |
| Pepper | 18 | 4 |
| Potato | 197 | 3 |
| Produce-Domestic | 449 | 18 |
| Produce-Foreign | 797 | 446 |
| Seed Potatoes | 597 | 2 |
| Sod | 199 | 1 |
| Spinach | 2 | 2 |
| Sugarcane | 1 | 0 |
| Sweet Pea | 3 | 2 |
| Tomato | 114 | 14 |
| Viola | 3 | 1 |
| Total | 7056 | 1154 |

CONSUMER ASSISTANCE

Plant Inspection routinely assists consumers by responding to complaints and requests for information or by investigating plant pest problems. From July 1, 2002 until June 30, 2003 there were **177** consumer requests received by the Division of Plant Industry Helpline and forwarded to Plant Inspection for follow-up.

APIARY INSPECTION 2002 – 2003

APIARY PEST, PARASITES AND DISEASE TREATMENTS

AMERICAN FOULBROOD

Resistance to the only labeled antibiotic for treatment of American Foulbrood seems to be spreading slowly. Additional antibiotic treatments are being explored and pursued. We have identified 398 colonies infected with American Foulbrood. These were burned as the only known effective control of this disease.

VARROA MITE

Every colony within the State of Florida is experiencing some degree of resistance by the Varroa mite to Apistan and Coumaphos. We have received a Section 18 registration for the

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product Api-Life-Var; active ingredients are essential oils, to act as an interim control of the Varroa mite. We are actively engaged in working with Industry, Academia and Government to identify and register new effective Varroa mite controls and treatments.

SMALL HIVE BEETLE

Beekeepers that have strong healthy colonies, i.e., have Varroa mites at low levels generally have little small hive beetle (SHB) infections at the colony level. Beekeepers are learning practices of honey processing that lower the incidence of SHB infestations in comb before and after the extraction process.

There is one trap available on the retail market that is effective and the United States Department of Agriculture's Veterinary Entomology group in Gainesville is working on a SHB trap with a lure that is showing promise.

INDUSTRY STATUS

Honey prices are the highest that they have been in recent memory. The Chinese are just now starting to regroup from the Anti-Dumping Suit and antibiotic residues found in honey exported. It is just a matter of time until all of the unshipped honey they have is processed by Ultra Filtration means and dumped on the market. But for now, Florida beekeepers are receiving high prices for their honey.

Production this past year was about average for most Florida beekeepers. Pollination demand for honey bees increases steadily as fruits and vegetable acreage that requires pollinations multiplies each year.

AFRICANIZED HONEY BEES

Monitoring of ports and the interstate highway systems continue in our efforts to not be surprised by an accidental introduction of this unwanted species. Established colonies of bees of African origin were detected for the first time in Florida in Tampa. All indications are that they are being cross bred with European bees and are now more European than African. We have identified 25 African/European hybrids finds throughout the State of Florida, all of which were destroyed.

INSPECTION/MOVEMENT

In the fiscal year 2002-2003, of the 256,641 honey bee colonies maintained by registered beekeepers, 48,765 colonies were inspected from 3,733 apiaries. Compensation of \$9,780.00 was paid to beekeepers for 398 colonies destroyed because of the infestation of American Foulbrood disease. There were 243,000 that moved from Florida into 18 different migratory states.

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| APIARY INSPECTION SUMMARY | | | | |
|----------------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| BEEKEEPERS INSPECTED | COLONIES CERTIFIED | COLONIES INSPECTED | APIARIES INSPECTED | SPECIAL INSPECTIONS |
| 1,385 | 244,629 | 52,589 | 3,368 | 14 |

| AMERICAN FOULBROOD DISEASE REPORT | | | | |
|--|--------------------------|------------------------|---------------------------|--------------------------|
| HIVES INFESTED | APIARIES INFESTED | HIVES DESTROYED | AMOUNT COMPENSATED | APIARIES RELEASED |
| 623 | 176 | 560 | \$9,120.00 | 107 |

| NEMATODE CERTIFICATION JULY 1, 2002 – JUNE 30 2003 |
|--|
| ORNAMENTAL NURSERIES |
| <p>The presence of certain nematodes in a nursery prevents the certification of plants shipped to California, Arizona, Texas, Louisiana and the European Union (EU) from the infested nursery until corrective measures have been completed and the nursery is sampled negative.</p> <p>During the 2002-2003 Fiscal Year, nematode certification personnel re-evaluated 528 ornamental nurseries and certified 168 new nurseries and nursery blocks consisting of 1,958.33 acres, 345.09 acres were added to existing certified ornamental nurseries. During the same period, 55 nurseries or nursery blocks voluntarily relinquished their nematode certification status. Cumulative totals as of June 30, 2003, show 854 ornamental nurseries consisting of 10,450.87 acres eligible for nematode certification.</p> |
| CITRUS NURSERY BLOCKS PLANTED AND CITRUS SITES APPROVED BUT NOT PLANTED |
| <p>There were no nematodes of citrus detected in citrus nurseries this year. During the year, 209 inspections were made of citrus nursery sites and soil pits compared to 252 inspections made last year. Two new citrus sites consisting of 2.1 acres were added to the certified total this year. Sixteen citrus nursery block and 21 citrus sites approved but not planted were removed from active certification status this year. Cumulative totals as of June 30, 2003, show 122 nematode certified citrus nursery blocks planted consisting of 928.6 acres and 6 nematode certified citrus sites approved but not planted consisting of 5.45 acres.</p> |
| PITS |
| <p>There were no nematodes detected in pits this year. During the year, 60 inspections were made of pits compared to 73 inspections made last year. Six new pits consisting of 167.9 acres were added to the certified total this year, 20 pits consisting of 635.35 acres were removed from active certification status this year. Cumulative totals as of June 30, 2003, show 60 nematode approved pits consisting of 1751 acres.</p> |

A total of 8,560 samples were collected from citrus nursery blocks planted, citrus nursery sites approved but not planted, pits and ornamental nurseries for certification during the 2002-2003 fiscal year. Statistical data by county for nematode certified nursery activities are shown in the following tables.

ORNAMENTAL CERTIFICATION

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| ANNUAL TOTALS | NEW NURSERY APPROVED | | EXIST NSY. NEW ACRES | EXISTING NURSERIES | | NEM. CERT. RE-EVAL NUMBER | EXISTING NURSERIES OB/DISAPPROVED | | TOTAL CERT. NURSERIES | |
|---------------|----------------------|--------|----------------------|--------------------|---------|---------------------------|-----------------------------------|-------|-----------------------|---------|
| | No. | Acre | Acre | No. | Acre | No. | No. | Acres | No. | Acres |
| ALACHUA | 0 | 0 | 0 | 14 | 27.46 | 0 | 0 | 0 | 14 | 27.46 |
| BAKER | 0 | 0 | 0 | 2 | 35.1 | 0 | 0 | 0 | 2 | 35.1 |
| BAY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BRADFORD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BREVARD | 3 | 96 | 0 | 7 | 97.25 | 0 | 0 | 0 | 10 | 193.25 |
| BROWARD | 0 | 0 | 0 | 21 | 115.6 | 23 | 2 | 2 | 19 | 113.6 |
| CALHOUN | 0 | 0 | 0 | 1 | 2.8 | 0 | 0 | 0 | 1 | 2.8 |
| CHARLOTTE | 4 | 6.25 | 0.49 | 1 | 0.01 | 0 | 0 | 0 | 5 | 6.75 |
| CITRUS | 1 | 6 | 0 | 1 | 1.05 | 1 | 0 | 0 | 2 | 7.05 |
| CLAY | 0 | 0 | 0 | 5 | 19.7 | 0 | 0 | 0 | 5 | 19.7 |
| COLLIER | 0 | 0 | 0 | 12 | 72.9 | 9 | 0 | 0 | 12 | 72.9 |
| COLUMBIA | 0 | 0 | 0 | 1 | 0.5 | 0 | 0 | 0 | 1 | 0.5 |
| DADE | 16 | 412.15 | 217.55 | 177 | 2843.65 | 0 | 4 | 143.5 | 189 | 3329.85 |
| DESOTO | 4 | 47.57 | 0 | 5 | 55.57 | 6 | 1 | 8 | 8 | 95.14 |
| DIXIE | 0 | 0 | 0 | 3 | 120 | 0 | 0 | 0 | 3 | 120 |
| DUVAL | 0 | 0 | 0 | 6 | 50.4 | 0 | 0 | 0 | 6 | 50.4 |
| ESCAMBIA | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| FLAGLER | 0 | 0 | 0 | 1 | 75 | 0 | 0 | 0 | 1 | 75 |
| GADSDEN | 0 | 0 | 0 | 1 | 10.15 | 0 | 0 | 0 | 1 | 10.15 |
| GILCHRIST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GLADES | 0 | 0 | 0 | 2 | 100.5 | 0 | 0 | 0 | 2 | 100.5 |
| HARDEE | 1 | 35 | 20 | 12 | 244.75 | 39 | 2 | 120.5 | 11 | 179.25 |
| HENDRY | 0 | 0 | 0 | 2 | 11.3 | 1 | 0 | 0 | 2 | 11.3 |
| HERNANDO | 1 | 12 | 0 | 4 | 40.62 | 4 | 0 | 0 | 5 | 52.62 |
| HIGHLANDS | 2 | 150 | 1 | 14 | 576.81 | 28 | 6 | 54.24 | 10 | 673.57 |
| HILLSBOROUGH | 12 | 161.05 | 0 | 35 | 481.5 | 45 | 0 | 0 | 47 | 642.55 |
| INDIAN RIVER | 0 | 0 | 0 | 3 | 1.21 | 3 | 0 | 0 | 3 | 1.21 |
| JACKSON | 0 | 0 | 0 | 1 | 0.25 | 0 | 0 | 0 | 1 | 0.25 |
| JEFFERSON | 0 | 0 | 0 | 4 | 105.1 | 0 | 0 | 0 | 4 | 105.1 |
| LAFAYETTE | 0 | 0 | 0 | 1 | 20 | 0 | 0 | 0 | 1 | 20 |
| LAKE | 43 | 303.39 | 0 | 38 | 115.61 | 0 | 0 | 0 | 81 | 419 |
| LEE | 0 | 0 | 0 | 6 | 148.5 | 6 | 0 | 0 | 6 | 148.5 |

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| | | | | | | | | | | |
|----------------------|------------|----------------|---------------|------------|---------------|------------|-----------|---------------|------------|-----------------|
| LEON | 0 | 0 | 0 | 1 | 0.25 | 0 | 5 | 0 | -4 | 0.25 |
| LEVY | 0 | 0 | 0 | 3 | 79.3 | 0 | 0 | 0 | 3 | 79.3 |
| MADISON | 0 | 0 | 0 | 2 | 12.25 | 0 | 0 | 0 | 2 | 12.25 |
| MANATEE | 4 | 35.8 | 0 | 20 | 117.35 | 12 | 0 | 0 | 24 | 153.15 |
| MARION | 4 | 135.17 | 0 | 9 | 17.63 | 0 | 0 | 0 | 13 | 152.8 |
| MARTIN | 3 | 13 | 0 | 13 | 247.61 | 44 | 0 | 0 | 16 | 260.61 |
| MONROE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NASSAU | 0 | 0 | 0 | 1 | 50 | 0 | 0 | 0 | 1 | 50 |
| OKEECHOBEE | 3 | 78.01 | 0 | 4 | 559 | 13 | 0 | 0 | 7 | 637.01 |
| ORANGE | 9 | 92.8 | 64.6 | 158 | 453.5 | 154 | 13 | 18.8 | 154 | 592.1 |
| OSCEOLA | 0 | 0 | 0 | 6 | 6.62 | 6 | 0 | 0 | 6 | 6.62 |
| PALM BEACH | 4 | 10.01 | 40.9 | 80 | 938.14 | 78 | 15 | 93.35 | 69 | 895.7 |
| PASCO | 11 | 48.35 | 0 | 10 | 34.75 | 3 | 0 | 0 | 21 | 83.1 |
| PINELLAS | 0 | 0 | 0.55 | 3 | 1.45 | 0 | 1 | 0.25 | 2 | 1.75 |
| POLK | 4 | 19.7 | 0 | 14 | 17.42 | 36 | 4 | 2.31 | 14 | 34.81 |
| PUTNAM | 0 | 0 | 0 | 5 | 203.41 | 0 | 0 | 0 | 5 | 203.41 |
| SANTA ROSA | 0 | 0 | 0 | 1 | 0.5 | 0 | 0 | 0 | 1 | 0.5 |
| SARASOTA | 2 | 11 | 0 | 8 | 30.46 | 7 | 0 | 0 | 10 | 41.46 |
| SEMINOLE | 12 | 51.1 | 0 | 11 | 59.1 | 6 | 2 | 12 | 21 | 98.2 |
| ST. JOHNS | 0 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 1 | 8 |
| ST. LUCIE | 1 | 1.5 | 0 | 3 | 25.31 | 4 | 0 | 0 | 4 | 26.81 |
| SUMTER | 4 | 80.2 | 0 | 5 | 109.3 | 0 | 0 | 0 | 9 | 189.5 |
| SUWANNEE | 0 | 0 | 0 | 4 | 59.7 | 0 | 0 | 0 | 4 | 59.7 |
| TAYLOR | 0 | 0 | 0 | 5 | 140 | 0 | 0 | 0 | 5 | 140 |
| VOLUSIA | 5 | 152.28 | 0 | 7 | 56.06 | 0 | 0 | 0 | 12 | 208.34 |
| WAKULLA | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| WALTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WASHINGTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANNUAL TOTALS | 153 | 1958.33 | 345.09 | 756 | 8602.4 | 528 | 55 | 454.95 | 854 | 10450.87 |

Total Ornamental Samples taken: **8206**

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CITRUS CERTIFICATION

| COUNTY | EXISTING CITRUS NSY. BLOCKS PLANTED | | NEW CITRUS NSY BLOCKS PLANTED | | OB CITRUS NSY BLOCKS | | TOTAL CITRUS NSY BLOCKS | | EXISTING SITES APR. NOT PLANTED | | NEW CITRUS SITES APR. | | CITRUS SITES DISAPPROVE D/O.B. | | RE-EVALUA TED | TOTAL CITRUS SITES | |
|---------------|-------------------------------------|--------------|-------------------------------|-------------|----------------------|--------------|-------------------------|--------------|---------------------------------|---------------|-----------------------|------------|--------------------------------|---------------|---------------|--------------------|-------------|
| | Total | Acre | No. | Acres | No. | Acres | No | Acres | No. | Acres | No. | Acres | No. | Acres | No. | No | Acres |
| BREVARD | 1 | 4.5 | 0 | 0 | 0 | 0 | 1 | 4.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BROWARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHARLOTTE | 2 | 7.25 | 2 | 7.25 | 4 | 14.45 | 0 | 0.05 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| CITRUS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COLLIER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DADE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DESOTO | 11 | 59.78 | 0 | 0 | 1 | 7.5 | 10 | 52.28 | 0 | 0 | 1 | 2 | 0 | 0 | 19 | 1 | 2 |
| FLAGLER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GLADES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HARDEE | 13 | 37.26 | 2 | 2 | 3 | 12 | 12 | 27.26 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 |
| HENDRY | 6 | 42.5 | 0 | 0 | 0 | 0 | 6 | 42.5 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| HERNANDO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HIGHLANDS | 19 | 232.08 | 1 | 0.5 | 0 | 0 | 20 | 232.5 | 1 | 0.1 | 1 | 0.1 | 0 | 0 | 27 | 2 | 0.2 |
| HILLSBOROUGH | 12 | 70.7 | 0 | 0 | 0 | 0 | 12 | 70.7 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 |
| INDIAN RIVER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LAKE | 7 | 6.8 | 0 | 0 | 2 | 2.17 | 5 | 4.63 | 21 | 466.39 | 0 | 0 | 21 | 466.39 | 0 | 0 | 0 |
| LEE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LEVY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MANATEE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MARION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MARTIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| MONROE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKEECHOBEE | 1 | 30 | 0 | 0 | 0 | 0 | 1 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| ORANGE | 1 | 30 | 0 | 0 | 0 | 25.5 | 1 | 4.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OSCEOLA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PALM BEACH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PASCO | 10 | 34.75 | 0 | 0 | 0 | 0 | 10 | 34.75 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| PINELLAS | 1 | 0.1 | 0 | 0 | 0 | 0 | 1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POLK | 37 | 369.63 | 0 | 0 | 6 | 0.21 | 31 | 369.4 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0 |
| PUTNAM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SARASOTA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SEMINOLE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUMTER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ST. LUCIE | 1 | 3.25 | 0 | 0 | 0 | 0 | 1 | 3.25 | 3 | 3.25 | 0 | 0 | 0 | 0 | 2 | 3 | 3.25 |
| VOLUSIA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHERS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTALS | 122 | 928.6 | 5 | 9.75 | 16 | 61.83 | 111 | 876.5 | 25 | 469.74 | 2 | 2.1 | 21 | 466.39 | 149 | 6 | 5.45 |

Total Citrus Samples taken : **242**

ANNUAL REPORT
July 1, 2002 – June 30 2003

PIT CERTIFICATION

| ANNUAL TOTAL COUNTY | EXISTING PITS | | NEW PITS | | OB PITS | | TOTAL PITS | | RE- EVALS |
|------------------------|---------------|----------------|----------|--------------|-----------|---------------|------------|-------------|--------------|
| | No. | Acres | No. | Acres | No. | Acres | No. | Acres | No. |
| BREVARD | 0 | 0 | 1 | 0.1 | 0 | 0 | 1 | 0.1 | 0 |
| BROWARD | 0 | 0 | 1 | 0.1 | 0 | 0 | 1 | 0.1 | 0 |
| CHARLOTTE | 1 | 60 | 0 | 0 | 0 | 0 | 1 | 60 | 1 |
| CITRUS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COLLIER | 1 | 400 | 0 | 0 | 0 | 360 | 1 | 40 | 0 |
| DADE | 0 | 0 | 1 | 10 | 0 | 0 | 1 | 10 | 0 |
| DESOTO | 2 | 26 | 0 | 0 | 1 | 20 | 1 | 6 | 4 |
| DUVAL | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| FLAGLER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GLADES | 3 | 130 | 0 | 0 | 0 | 0 | 3 | 130 | 1 |
| HARDEE | 2 | 9 | 0 | 0 | 0 | 0 | 2 | 9 | 5 |
| HENDRY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HERNANDO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HIGHLANDS | 4 | 540 | 1 | 0.1 | 0 | 0 | 5 | 540.1 | 5 |
| HILLSBOROUGH | 6 | 146.45 | 0 | 0 | 0 | 0 | 6 | 146.45 | 2 |
| INDIAN RIVER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LAKE | 19 | 159.85 | 0 | 0 | 15 | 131.85 | 4 | 28 | 0 |
| LEE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LEVY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MANATEE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MARION | 3 | 92.5 | 0 | 0 | 2 | 87.5 | 1 | 5 | 0 |
| OKEECHOBEE | 3 | 50 | 0 | 0 | 1 | 20 | 2 | 30 | 6 |
| ORANGE | 3 | 16 | 0 | 0 | 0 | 4 | 3 | 12 | 0 |
| OSCEOLA | 1 | 150 | 0 | 0 | 0 | 0 | 1 | 150 | 1 |
| PALM BEACH | 2 | 22.4 | 1 | 17.6 | 0 | 0 | 3 | 40 | 5 |
| PASCO | 4 | 41.5 | 0 | 0 | 0 | 0 | 4 | 41.5 | 4 |
| PINELLAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POLK | 12 | 364 | 1 | 140 | 1 | 12 | 12 | 492 | 24 |
| PUTNAM | 3 | 33 | 0 | 0 | 0 | 0 | 3 | 33 | 0 |
| SARASOTA | 1 | 0.25 | 0 | 0 | 0 | 0 | 1 | 0.25 | 1 |
| SEMINOLE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUMTER | 3 | 6.5 | 0 | 0 | 0 | 0 | 3 | 6.5 | 0 |
| ST. LUCIE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VOLUSIA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHERS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTALS | 74 | 2248.45 | 6 | 167.9 | 20 | 995.35 | 60 | 1421 | 59 |

Total Pits this year: **122**