

## 2010 Florida Citrus Pest Management Guide: Introduction<sup>1</sup>

---

M.E. Rogers, M.M. Dewdney and T.M. Spann<sup>2</sup>

The objective of the Florida Citrus Pest Management Guide is to assist citrus growers in the identification of pest management options and the selection of appropriate control measures. This publication should serve as a reference once it has been determined that control measures might be warranted. **It is not intended to replace pesticidal product labels which contain important usage information and should be immediately accessible for reference. Violations of directions for use printed on the label are against State and Federal laws.** Care should be taken to select only those treatments best suited for control of the specific pest(s) identified as requiring suppression. Products listed in all tables have been shown to be efficacious, non-phytotoxic to citrus, and relatively safe on non-target arthropods and microorganisms when used as directed. However, it is important to realize that results may not be consistent under different environmental, application, and tank mix conditions.

As a supplement to each table of recommendations, we have provided information on which to base a management decision specific to the

target pest, weed or disorder. This information will assist the producer in developing management strategies for a particular set of conditions and possibly identify circumstances under which chemical intervention may not be necessary.

For specific information on pest identification, biology, damage or non-chemical management techniques, refer to Extension Digital Information System (EDIS) and other IFAS, USDA, and Florida Department of Agriculture and Consumer Services (FDACS) publications. In addition to the authors listed throughout the Pest Management Guide, the citrus specialists and agents listed below can provide assistance with pest management information.

### Research and Education Centers

#### Citrus REC

700 Experiment Station Road  
Lake Alfred, FL 33850-2299  
<http://www.crec.ifas.ufl.edu>  
(863) 956-1151

- 
1. This document is CPMG-01, one of a series of the Plant Pathology Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. Date printed: September 1999. Date revised: November 2009. This publication is included in SP-43, 2010 Florida Citrus Pest Management Guide. For a copy of this guide, request information on its purchase at your county extension office. Please visit the EDIS Web site at <http://edis.ifas.ufl.edu>.
  2. M.E. Rogers, assistant professor, Entomology and Nematology Department; M.M. Dewdney, assistant professor, Plant Pathology Department; and T.M. Spann, assistant professor, Horticultural Sciences Department; Citrus REC, Lake Alfred, Florida; Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL 32611.

The Institute of Food and Agricultural Sciences (IFAS) is an Equal Opportunity Institution authorized to provide research, educational information and other services only to individuals and institutions that function with non-discrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, marital status, national origin, political opinions or affiliations. U.S. Department of Agriculture, Cooperative Extension Service, University of Florida, IFAS, Florida A. & M. University Cooperative Extension Program, and Boards of County Commissioners Cooperating. Millie Ferrer-Chancy, Interim Dean

Dr. Jacqueline K. Burns, Interim Center Director  
 Dr. Kuang-Ren Chung, Plant Pathology  
 Dr. Michelle Danyluk, Citrus Processing  
 Dr. Megan M. Dewdney, Plant Pathology  
 Dr. Reza Ehsani, Agricultural Engineering  
 Mr. Ronald P. Muraro, Economics  
 Dr. Joseph W. Noling, Nematology  
 Dr. Lawrence R. Parsons, Water, Irrigation,  
 Frost Protection  
 Dr. Michael E. Rogers, Entomology  
 Dr. Tim M. Spann, Horticulture

### **Indian River REC**

2199 South Rock Road  
 Ft. Pierce, FL 34945-3138  
<http://www.irrec.ifas.ufl.edu>  
 (772) 468-3922  
 Dr. Peter J. Stoffella, Center Director  
 Dr. Brian J. Boman, Citrus BMPs, Water Quality  
 Dr. Mark A. Ritenour, Postharvest Physiology

### **Southwest Florida REC**

2686 State Road 29 N  
 Immokalee, FL 34142-9515  
<http://www.imok.ufl.edu>  
 (239) 658-3400  
 Dr. Christine T. Waddill, Center Director  
 Dr. Robert C. Ebel, Horticulture  
 Dr. Kelly T. Morgan, Soil and Water Science  
 Dr. Pamela D. Roberts, Plant Pathology  
 Dr. Fritz M. Roka, Economics  
 Dr. Robert E. Rouse, Citrus Horticulture  
 Dr. Philip A. Stansly, Entomology

### **Tropical REC**

18905 SW 280 Street  
 Homestead, FL 33031-3314  
<http://trec.ifas.ufl.edu>  
 (305) 246-7000  
 Dr. Van H. Waddill, Center Director  
 Dr. Jonathan H. Crane, Tropical Fruit Crops  
 Dr. Jorge E. Peña, Tropical Fruit Crop  
 Entomology

## **County Extension Agents - Citrus**

**Mr. Ryan A. Atwood**  
 Extension Agent II, Citrus

Brevard, Lake, Orange, Osceola and Seminole  
 Lake County Extension Service  
 1951 Woodlea Road  
 Tavares, FL 32778-4052  
 (352) 343-4101

### **Dr. Stephen H. Futch**

Extension Agent IV, Multi-County, Citrus  
 DeSoto, Hardee, Manatee and Sarasota  
 Citrus Research and Education Center  
 700 Experiment Station Road  
 Lake Alfred, FL 33850-2299  
 (863) 956-1151

### **Mr. Timothy P. Gaver**

Extension Agent II, Multi-County, Citrus  
 Indian River, Martin, Okeechobee and St. Lucie  
 St. Lucie County Extension Service  
 8400 Picos Road, Suite 101  
 Ft. Pierce, FL 34945-3045  
 (772) 462-1660

### **Ms. Adrian Hunsberger**

Extension Agent III, Urban Horticulture  
 Miami-Dade County Extension Service  
 18710 SW 288th Street  
 Homestead, FL 33030-2309  
 (305) 248-3311

### **Mr. G. Tim Hurner, Jr.**

Extension Agent IV, Multi-County, Citrus  
 Highlands County Extension Service  
 4509 George Boulevard  
 Sebring, FL 33870-5867  
 (863) 402-6540

### **Mr. W. Chris Oswalt**

Extension Agent III, Multi-County, Citrus  
 Hillsborough and Polk  
 Polk County Extension Office  
 P. O. Box 9005, Drawer HS03  
 Bartow, FL 33831-9005  
 (863) 519-8677

### **Dr. Mongi Zekri**

Extension Agent IV, Multi-County, Citrus  
 Charlotte, Collier, Glades, Hendry and Lee

Hendry County Extension Service  
P. O. Box 68  
LaBelle, FL 33975-0068  
(863) 674-4092