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 pesticide product labels that 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**
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Dr. Michelle D. Danyluk, Citrus Processing  
Dr. Megan M. Dewdney, Plant Pathology  
Dr. Reza Ehsani, Agricultural Engineering  
Dr. Joseph W. Noling, Nematology  
Dr. Ariel Singerman, Economics  
Dr. Lukasz Stelinski, Entomology  
Dr. Tripti Vashisth, Horticulture

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1. This document is CPMG01, one of a series of the Plant Pathology Department, UF/IFAS Extension. Original publication date December 1999. Reviewed February 2012, Revised September 2013 and April 2016. This publication is included in SP-43, 2016 Florida Citrus Pest Management Guide. Visit the EDIS website at http://edis.ifas.ufl.edu. For a copy of this handbook, request information on its purchase at your county Extension office.

2. M.E. Rogers, associate professor, Entomology and Nematology Department; and M.M. Dewdney, associate professor, Plant Pathology Department; Citrus REC, Lake Alfred, UF/IFAS Extension, Gainesville, FL 32611.

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