Introduction

M.E. Rogers, M.M. Dewdney and T. Vashisth

Over the past decade, Florida citrus production practices have changed dramatically due to the challenges presented by Huanglongbing (HLB) or citrus greening disease. As we have learned more about this disease, how it is spread by the Asian citrus psyllid, and the overall effects on citrus tree health, it is increasingly more evident that management of this disease requires changes to ALL aspects of citrus production. For this reason, the Florida Citrus Pest Management Guide has been expanded to include topics beyond pest management. Under the new title of Florida Citrus Production Guide, additional coverage is provided on horticultural practices that are important to consider for maintaining productivity in the era of HLB. New chapters in this guide now include topics such as selection of rootstock and scion varieties, irrigation and nutrient management, and maintaining overall health of trees through proper root and canopy management strategies. These and other factors must all be considered together when developing a site-specific management plan for citrus production in the presence of HLB. The Florida Citrus Production Guide will continue to be updated annually (mid-summer) with the latest information to help growers refine their production practices using the latest research-based findings that have been proven to be effective for Florida citrus production.

In addition to changes in production practices needed to manage emerging pest problems in Florida, the regulatory environment is also constantly changing. For example, in 2015 new rules for Worker Protection Standards (WPS) were passed and are currently being phased in. These new rules include important changes to worker training, reporting and posting of pesticide applications. Likewise, new rules regarding food safety training, reporting and monitoring are also being implemented. Because these new rules will directly affect Florida citrus growers, and all of agriculture, significant changes have been made to the chapter on WPS and a new chapter on food safety has been included that growers should be familiar with. As changes in these rules are likely to occur, the guide will be updated to reflect the latest information growers need to know to ensure compliance.

Overall, the goal of the Florida Citrus Production Guide is to serve as a reference for information needed to guide decision-making in Florida citrus growing operations. It is not intended to replace agricultural 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. Always read and follow label instructions! Likewise, State and Federal Regulations on topics such as WPS are constantly changing and not all the information needed to ensure compliance can be covered in this guide. The chapter in this guide covers some of the important highlights of these rules. It is imperative that growers obtain copies of and follow the detailed rules outlined in the regulatory documents referenced in this guide. The Florida Citrus Production Guide provides general guidance and is NOT the final regulatory document that should be followed!

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 Florida Citrus Production Guide, the citrus faculty and extension agents listed below can provide assistance with citrus production practices.

1. This document is CPMG01, one of a series of the Plant Pathology Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. Original publication date: December 1999. Revised: May 2017. Visit the EDIS website at http://edis.ifas.ufl.edu. For a copy of the Florida Citrus Production Guide, request information on its availability at your county extension office.

2. M.E. Rogers, associate professor, Entomology and Nematology Department; and M.M. Dewdney, associate professor, Plant Pathology Department; T. Vashisth, assistant professor, Horticultural Sciences Department, Citrus REC, Lake Alfred, Florida; Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, 32611.
RESEARCH AND EDUCATION CENTERS

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

Dr. Michael E. Rogers, Center Director / Entomology
Mr. Travis K. Chapin, Food Safety
Dr. Michelle D. Danyluk, Citrus Processing
Dr. William O. Dawson, Citrus Pathology / Virology
Dr. Megan M. Dewdney, Plant Pathology
Dr. Larry Duncan, Nematology
Dr. Manjul Dutt, Horticulture / Genomics
Dr. Ed Etxeberria, Horticulture / Plant physiology
Dr. Fred Gmitter, Horticulture / Citrus breeding
Dr. Jude Grosser, Horticulture / Citrus breeding
Dr. Evan Johnson, Plant Pathology
Dr. Davie Kadyampakeni, Soil & Water Sciences
Dr. Nabil Killiny, Plant Pathology
Dr. Amit Levy, Plant Pathology / Virology
Dr. Joseph W. Noling, Nematology
Dr. Kirsten Pelz-Stelinski, Entomology
Dr. Arnold W. Schumann, Soil and Water Science
Dr. Ariel Singerman, Economics
Dr. Lukasz Stelinski, Entomology
Dr. Tripti Vashisth, Horticulture
Dr. Christopher I. Vincent, Horticulture / Tree Physiology
Dr. Nian Wang, Cell Science / molecular genetics
Dr. Yu Wang, Food Science / Flavor Chemistry

INDIAN RIVER REC
2199 South Rock Road
Ft. Pierce, FL 34945-3138
http://www.irrec.ifas.ufl.edu
(772) 468-3922

Dr. Ron Cave, Interim Center Director / Entomology
Dr. Liliano Cano, Plant Pathology
Dr. Rhuanito S. “Johnny” Ferrarezi, Horticulture
Dr. Jawwad A. Qureshi, Entomology
Dr. Mark A. Ritenour, Postharvest Physiology
Dr. Alan Wright, Soil & Water Science

SOUTHWEST FLORIDA REC
2686 State Road 29 N
Immokalee, FL 34142-9515
http://www.imok.ufl.edu
(239) 658-3400

Dr. Calvin E. Arnold, Center Director
Dr. Ute Albrecht, Horticulture / Plant physiology
Dr. Fernando Alferez, Horticulture
Dr. Ozgur Batuman, Plant Pathology
Dr. Ramdas Kanissery, Horticulture / Weed Science
Dr. Kelly T. Morgan, Soil and Water Science
Dr. Fritz M. Roka, Economics
Dr. Philip A. Stansly, Entomology
Dr. Sarah Strauss, Soil and Water Science / Soil Microbiology

TROPICAL REC
18905 SW 280 Street
Homestead, FL 33031-3314
http://trec.ifas.ufl.edu
(305) 246-7000

Dr. Edward “Gilly” Evans, Interim Center Director
Dr. Jonathan H. Crane, Tropical Fruit Crops
Dr. Daniel Carillo, Tropical Fruit Crop Entomology
COUNTY EXTENSION AGENTS - CITRUS

DR. JUANITA POPENO
Extension Agent IV, Multi-County, Fruit Crops
Lake, Marion, and Orange
Lake County Extension Service
1951 Woodlea Road
Tavares, FL 32778-4052
(352) 343-4101  Email: jpopeneo@ufl.edu

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  Email: shf@ufl.edu

MS. ADRIAN HUNSBERGER
Extension Agent IV, Urban Horticulture
Miami-Dade County Extension Service
18710 SW 288th Street
Homestead, FL 33030-2309
(305) 248-3311  Email: aghu@ufl.edu

MS. LAURIE HURNER
County Extension Director, Extension Agent III, Citrus
Highlands County Extension Service
4509 George Boulevard
Sebring, FL 33875
(863) 402-6540  Email: lhurner@ufl.edu

MR. W. CHRIS OSWALT
Extension Agent IV, Multi-County, Citrus
Hillsborough and Polk
Polk County Extension Office
P. O. Box 9005, Drawer HS03
Bartow, FL 33831-9005
(863) 519-8677  Email: wcoswalt@ufl.edu

DR. GARIMA KAKKAR
Extension Agent II, Multi-County, Fruit Crops
St. Lucie County Extension
8400 Picos Rd., suite 101
Ft. Pierce, FL 34945
(772) 462-1660 Email: garimaiari@ufl.edu

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  Email: maz@ufl.edu
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