

New Resource for IPM of Rose, Camellia and Other Major Shrubs

A new IPM guide is making it easier to grow five common Southeastern shrubs.

IPM for Shrubs in Southeastern U.S. Nursery Production is a compilation of Integrated Pest Management (IPM) information for five major shrubs in nursery crop production in the Southeast. This 175 page book covers sustainable management for insects, mites, diseases, and weeds for these shrubs, as well as nursery production information. This IPM resource was developed for nursery growers although professional landscape managers and collectors of these plants also will find the information valuable.

Individual chapters cover abelia (*Abelia* spp.), camellia (*Camellia* spp.), shrub rose (*Rosa* spp.), blueberry (*Vaccinium* spp.) and viburnum (*Viburnum* spp.). Each chapter provides comprehensive information on the species, primary cultivars and their nursery production. Major pests, diseases, weeds and abiotic disorders are presented for each genus along with sustainable management methods and tables listing labeled pesticides and fungicides by mode of action and site. An additional chapter discusses weed management in shrub production. Future volumes covering additional shrubs are anticipated.

Edited by Clemson University's Sarah A. White and University of Tennessee's William E. Klingeman, this free guide was developed by the Southern Nursery IPM Working Group, including University of Florida NFREC's Gary Knox and Mathews Paret. The award-winning, multi-disciplinary group is composed of experts from universities across the Southeast. This group formed in 2008 to develop and deliver educational programming to the southern U.S. nursery industry and Extension personnel. The team recently won the 2014 Bright Idea Award from the Friends of Southern IPM and Southern IPM Center.

This resource joins the tree IPM book previously released by this group, *IPM for Select Deciduous Trees in Southeastern US Nursery Production*. The tree IPM book is similar to the new resource in that it contains IPM information for insects, mites, diseases, and weeds of nine major tree crops as well as production information. Individual chapters cover birch (*Betula* spp.), cherry (*Prunus* spp.), crapemyrtle (*Lagerstroemia* spp.), dogwood (*Cornus* spp.), chinese elm (*Ulmus parvifolia*), magnolia (*Magnolia* spp.), maple (*Acer* spp.), oak (*Quercus* spp.) and redbud (*Cercis* spp.).

Both books can be downloaded free through iTunes (<http://www.apple.com/itunes/>) or each chapter is available as a free pdf through the Southern Nursery IPM Working Group website, <http://wiki.bugwood.org/SNIPM>. A limited number of hardcopy books were printed and distributed to authors. Thanks to the Southern Region IPM Center for their generous support to make this resource possible!

Gary Knox (University of Florida NFREC) and Sarah White (Clemson University)

IPM FOR SHRUBS IN SOUTHEASTERN U.S. NURSERY PRODUCTION

VOLUME 1



EDS. SARAH A. WHITE AND WILLIAM E. KLINGEMAN

Figure 1. This new, free resource presents IPM guidelines for production of five major shrubs in the Southeastern U.S.