



Development of a Nursery Pest Management Calendar

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Nature of Work: Scouting and other pest management activities can be facilitated by knowing the identification, biology, seasonal activity and control options for common ornamental pests. Recognition of beneficial insects can also aid in pest management. Having access to this type of illustrated information in a format that can be updated and “tailored” to individual nursery or site can assist in planning, identification and control efforts.

Results and Discussion: A pest management calendar was developed for insects and mites of importance for nursery ornamentals. The information is presented in Powerpoint format that can be uploaded to the CANR website and that will be available from my Entomology webpage; <http://entomology.ent.uga.edu/personnel/faculty/braman.htm> .

The Pest Management Calendar provides, scouting and treatment timing, identification and biology for more than 30 insect and mite pests of importance to nursery growers. Pests include: Azalea lace bug, Azalea leaf miner, Southern red mite, Cranberry rootworm, Strawberry rootworm, Azalea bark scale, Azalea caterpillar, Boxwood leafminer, Boxwood psyllid, Two spotted spider mite, Tea scale, *Altica* flea beetles, Japanese beetle, Asian ambrosia beetle, Dogwood borer, Cottony maple scale, Dogwood twig borer, Dogwood clubgall midge, Citrus whitefly, Cottony cushion scale, Holly leafminer, Euonymus scale, Florida wax scale, Two lined spittlebug, Spruce spider mite, Two spotted spider mite, Juniper scale, Flat headed apple tree borer, Aphids, Orange striped oakworm, Obscure scale, Lecanium scale, Eastern tent caterpillar, Fall webworm, and Maple bladder gall.

Plants affected by the pests discussed in the Pest Management Calendar include: Azalea/Rhododendron, Boxwood, Butterfly bush, Camelia, Coreopsis, Columbine, Crapemyrtle, Dogwood, Gardenia, Holly, Juniper, Lantana, Maple, Oak, Showy and Missouri Primrose.

Significance to the Industry: The Nursery Pest Management Calendar, presented as a fully illustrated guide in Powerpoint on over 130 slides, provides the nursery manager with information that will reduce scouting time and optimize pest management activities. It can be used to guide treatment timing and as an insect identification guide. It can be customized by each nursery to include new plant/pest combinations and data concerning specific timing of pests and beneficials observed at each site. Use of the Pest Management Calendar is intended to focus scouting and treatment activities and to provide an identification resource that will facilitate pest management and reduce unnecessary pesticide applications in the nursery.