

Scales, Thrips, Mites and Whiteflies

Friday, May 3, 2019

North Fort Myers Recreation Center, 2000 N. Recreation Park Way, NFM

AGENDA

11:30 am	Registration and sign-in
12:00 pm	Scale Biology and Identification – Lyle J. Buss, Dept. of Entomology and Nematology, UF/IFAS Learn about general scale biology, their life cycle, and natural enemies. At the end of this session, you will know how to find scales on plants, and how to recognize some major scale families.
12:30 pm	Key Species of Scales and Their Management – Dr. Catharine Mannion, Extension Specialist, UF/IFAS What are the most common scales attacking ornamental plants and what type of damage do they cause? What options are available to control scale insects in the landscape? Do all of them need to be managed?
1:00 pm	Role of DPI in Protecting Florida from Invasive Scales – Dr. Ahmed Zee Muhammad, FDACS Scale insects are one of the most diverse pest groups with over 380 species in Florida. The mission of DPI is to identify incoming invasive species as soon as they arrive to prevent establishment in Florida. Learn the importance of correct scale insect diagnostic in their prevention and management.
1:30 pm	Break (10 minutes)
1:40 pm	Thrips Biology and Identification – Lyle J. Buss, Dept. of Entomology and Nematology, UF/IFAS Learn about general thrips biology, how to find them on plants and the damage they cause. At the end of this session, you will be able distinguish these tiny insects from other insects.
2:10 pm	Key Species of Thrips and Their Management - Catharine Mannion, Extension Specialist, UF/IFAS What are the most common thrips attacking ornamental plants and what type of damage do they cause? What options are available to control thrip insects in the landscape? Do all of them need to be managed?
2:35 pm	Break (10 minutes)
2:45 pm	Managing Resistance in Mites – Dr. Lance Osborn, Extension Specialist, UF/IFAS An examination of various species of mites and the chemicals that control them. Learn how to monitor mites and to put together a spray program. The use of biological control agents will be part of the discussion.
3:15 pm	Eriophyid Mites: Symptoms and Damage - Dr. Samuel Bolton, FDACS Eriophyid mites are an extremely abundant and diverse group of plant mites. General biology, natural history, damage and symptoms of Eriophyoidea will be covered. Distinctions between these mites and other arthropods, including other groups of mites will be discussed.
3:45 pm	Break (10 minutes)
3:55 pm	Whiteflies in the Landscape: What to look for and do you need to do anything ... or not? Dr. Doug Caldwell, Collier County Horticulture Agent Learn some new tricks to scout for whiteflies, and what sort of aesthetic threshold do you have in your wallet?
4:30 pm	Evaluation

Registration: Register online at [Eventbrite](https://www.eventbrite.com). Cost of online registration is \$35/person. Same day registration is \$40/person, cash or check. Make check payable to **The University of Florida**.

CEUs: 4.5 each of Private Applicator, Demo and Research, Ornamental & Turf, Right-of-Way, Limited Landscape Maintenance, Limited Lawn & Ornamental and Commercial Lawn & Ornamental. 4.0 FNGLA CEUs.