



2018 Winter Lawn Care Conference Technical Seminar Agenda

8:00 WELCOME!

8:15 to 10:00 Harnessing beneficial soil organisms for enhancing resistance to Turfgrass Pests

Dr. Kyle Wickings

This seminar will introduce participants to beneficial soil organisms and the services they provide in the turf root zone related to biological pest control, thatch decomposition, and nutrient cycling. We will discuss unique challenges to enhancing populations of beneficial soil organisms in turfgrass, and highlight the roles of proper pest scouting, diagnosis, and management interventions in minimizing unintended impacts of pesticides on beneficials. The seminar will also introduce opportunities for using insect pathogens for managing root-feeding pests in turf.

10:00 to 10:20 Coffee with Vendors Break

10:20 to 11:10 Ants, Wasps, Ticks and Armyworms – Biology and Management

Dr. Stan Swier

The Lone Star Tick, the Fall Armyworm, varieties of lawn and fire ants, as well as wasps are all part of current Lawn Care and Landscape conversations. This presentation will focus on proper pest identification within these categories with and include a variety of management and control techniques, including cultural, biologic, conventional and IPM.

11:10 to 11:30 Update on Using the New E-Portal for Pesticide Issues

Bob Mann

11:30 to 12:45 Lunch and visits with vendors

12:45 to 2:30 “IPM and the effects of a Changing Climate”

Dr. Richard Cowles

Understanding climate change is integral to understanding the management of landscape insect pests, including those that feed on turf. This presentation will explore the fundamental scientific principles behind climate change and describe how these changes can influence the biology and management of white grubs, chinch bugs, turf lepidoptera, and billbugs.

2:30 to 3:00 Issuance of Credits