

# GTBOP 2022 Green Webinar Schedule

Thursday, January 13, 2022

## **Tree pruning with purpose**

**Dr. Jason Gordon**, Warnell School of Forestry and Natural Resources, University of Georgia  
Correct pruning can determine whether a tree lives 10 years or 100 years. Developing a strong structure while the trees are young will help reduce injury and problems that can occur with the trees as they grow older. This talk will cover when, why and how to prune, assessment, proper cuts, developing good branching habits, looking for defects, correcting problems and how much to prune.

## **Enhancing efficacy in the use of microbial control agents**

**Dr. David Shipiro**, USDA ARS, Byron station  
Approaches to improving the efficacy of microbial control for insect pest control will be discussed. The focus will be on entomopathogenic nematodes and fungi. Approaches that will be presented included enhanced formulation and application technology, as well as methods to improve the biocontrol organism itself.

Thursday, March 17, 2022

## **Management of key insect pests in nursery**

**Dr. Shimat Joseph**, Dept. of Entomology, University of Georgia  
Talk with cover basic information on biology and ecology of ornamental insect pests in GA nurseries, including redheaded flea beetles and ambrosia beetles. The integration of the monitoring and management tactics management of nursery pests will be discussed.

## **Management of key plant pathogens in nursery**

**Dr. Sara Villani**, Dept. of Entomology and Plant Pathology, NC State University  
The speaker will discuss the emerging diseases facing the ornamental nursery industry in the southeast. The possible conditions that favor the development of pathogens and dispersal factors will be discussed. The speaker will discuss the possible management options and timing of chemical use.

Thursday, May 19, 2022

## **Recognizing and combating turfgrass disease issues**

**Dr. Phil Harmon**, Plant Pathology Dept, University of Florida  
The speaker will discuss the emerging diseases facing the turfgrass industry in Florida (possible implication to southeast). The biology of major pathogens, seasonal progression, and possible conditions that favor the development of pathogens will be discussed. The speaker will update the current management recommendations to combat these diseases in turfgrass.

### **Green-up 2022: Forecast for turfgrasses and pest management**

**Dr. Clint Waltz**, Dept. of Crop and Soil Science, University of Georgia

As the weather warms and turfgrasses transition to active growth, the impact of environmental conditions can affect green-up and pest management. This webinar will discuss how grasses and pests (i.e. diseases, weeds, and insects) have been influenced by weather patterns and how to best achieve turfgrass growth through the spring and into early summer.

Thursday, July 14, 2022

### **Understanding insecticides and miticides for turfgrass and ornamental plants**

**Dr. Juang Horng “JC” Chong**, Plant and Environmental Sciences Department, Clemson University

An understanding of the properties of pesticides is paramount to using the products safely and effectively. This webinar will discuss the modes of action, properties, uses, benefits, and shortcomings of insecticides and miticides commonly used in the green industry. This information will help the attendees develop a safe and effective pest management program.

### **Chemical and biological approaches to *Botrytis* management**

**Dr. James Faust**, Plant and Environmental Sciences Department, Clemson University

James will review how to make strategic choices of conventional chemical fungicides and alternative biological control agents in a botrytis-control program that seeks to maximize product efficacy and to minimize fungicide resistance.

Thursday, September 15, 2022

### **Industry update: Turfgrass**

**Drs. Shimat V. Joseph, Patrick McCullough, Alfredo Martinez, Clint Waltz**, Dept. of Entomology, Plant Pathology, Crop and Soil Science, University of Georgia

Insects, plant pathogens, weeds continue to be major challenges for turfgrass managers, including golf courses, sod farms, and residential and public landscapes. The speakers will update the audience regarding the recent research findings on effective insecticides, fungicides, and herbicides against various pest species. The speakers will discuss any new information affecting the turfgrass industry, such as new cultivars, new or changes in existing regulations, etc.

### **Industry update: Ornamentals**

**Drs. Bodie Pennisi, Jean Willian-Woodward, Shimat V. Joseph, Mark Czarnota**, Dept. of Entomology, Plant Pathology, Crop and Soil Science, Horticulture, University of Georgia

Insects, plant pathogens, weeds continue to be major challenges for ornamental nursery managers and landscape managers. The speakers will update the audience regarding the recent research findings on effective insecticides, fungicides, and herbicides against various pest

species. The speakers will discuss any new information affecting the ornamental industry, such as new cultivars, new or changes in existing regulations, etc.

Thursday, November 17, 2022

### **Managing wildflower habitats**

**Dr. Bodie Pennisi**, Dept. of Horticulture, University of Georgia

Wildflower spaces have become popular in parks, public and private gardens, and along highways. Yet serious challenges exist – from selecting the best species, seed germination and plant establishment, to weed control and aesthetics. This presentation will talk about UGA research and share management strategies which could lead to long-term success with wildflower habitats.

### **The role of biostimulants in sustainable management**

**Dr. Mussie Habteselassie**, Crop & Soil Sciences, University of Georgia.

Biostimulants include collection of products that contain microorganisms and/or plant or animal derived constituents that are alleged to stimulate plant growth and soil health. They are often described as being more sustainable alternatives and/or supplements to conventional agrochemicals. This section will introduce the audience to various types of biostimulants and discuss research on their use and efficacy.