

Course description/Agenda

2016 VSTMA Field Day
Commercial Applicator Recertification Course
Tuesday June 14, 2016
Longwood University

This course will recertify VA-certified commercial applicators in:
Ornamental Pest Control (3A)
Turf Pest Control (3B)
Demonstration and Reserch Pest Control (10), and
Registered Technician (60).

8:30 – 9:00 a.m. Recertification Roster (sign-in)

9:00 – 10:45 a.m. **Turf and Ornamental Research Update:** Identification and biology of important pests and tactics for control and management including reduction of application to non-target pests. This will proportionally be given by David McCall with Mike Goatley adding approximately 45 min of entomology topics. This also includes time for questions. T-2, T-5, T-6, and T-7.

David McCall (VT Department of Plant Pathology, Physiology, and Weed Science)

Mike Goatley (VT Crop and Soil Environmental Sciences Department)

10:45 – 11:30 a.m. **Legal Update:** What's new in the way of laws regulations and /or VDACS programs and policies impacting certified applicators treating ornamental and/or turf sites in VA. Compliance issues and assistance; bee decline, neonicotinoids, bark splits & tree injury from glyphosate applications Q & A. L-1, L-2, L-3, L4, L-5, and T-2.

Michael Elliot (VDACS)

11:30 a.m. – 1:00 p.m. Lunch (on your own)

1:00 – 2:30 pm **Personal Protective Equipment and Emergency Response and Containment.** Overview of proper use of a label to identify required PPE and examples of applicable PPE based on label requirements. Review of definitions and procedures needed for spill containment and the steps to take for appropriate pesticide emergency response. T-1 and T-4.

Katy Overby (VA Cooperative Extension, Prince Edward ANR Extension Agent)

Haley Norton (VA Cooperative Extension, Nottoway ANR Extension Agent)

2:45 – 3:30 p.m. **Calibration to improve product performance and protect the environment.**
Hands-on demonstration of proper calibration and use techniques of a back-pack sprayer and granular application equipment. T-1 and T-3

Sam Doak (VA Tech Ag Technology Program Instructor)

Mike Goatley (VT Crop and Soil Environmental Sciences Department)

3:45 – 4:15 p.m. **Cultural Strategies to Reduce Pest Pressure in Turf:** IPM overview, with emphasis on cultural practices that will minimize need for pesticide use. T-2, T-6, and T-7.

Mike Goatley (VT Crop and Soil Environmental Sciences Department)

4:15 – 5:00 p.m. **Weed Identification:** ‘Weed walk’ to identify troublesome ornamental plantbed and turf weed pests including discussion on the importance of proper identification for management strategies such as product selection and timing. This also includes a discussion of threshold of pest infestation for plan of treatment. T-2, T-5, T-6, and T-7.

Mike Goatley (VT Crop and Soil Environmental Sciences Department)