

December 4, 2013

Increasing Efficiency in Pest Management

a workshop for nursery and landscape professionals

Hardin County Extension Office | Elizabethtown, KY

Registration Form

\$20 Early Bird
postage prior to Nov. 26th

\$25 Registration
postage after Nov. 26th
or on-site

Please provide the following information for each participant. Include email addresses for individuals who wish to join the Kentucky Nursery Listserv to receive and share information relevant to the industry.

Business Name and Address	Participant's Name (Please Print)	Email (optional)
TOTAL AMOUNT ENCLOSED: (\$20/\$25 per person)	Checks are payable to University of Kentucky. Please return this form with payment to: Sarah Vanek, UK Horticulture Department N-318 Ag. Science Center North, Lexington, KY 40546-0091	

HORTICULTURE

December 4, 2013

Increasing Efficiency in Pest Management

Registration: 8:30am | Program: 9:00am - 3:00pm | Lunch is provided.

Hardin County Extension Office | 201 Peterson Dr. | Elizabethtown, KY

**Cooperative
Extension Service**
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N-318 Ag. Science Ctr. N.
Lexington, KY 40546-0091
(859) 257-1273
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Talk of the Nation: Using Systems Approach to Prevent New and Old Pests

Nurseries and landscapes are continually exposed to threats of insect pests, plant pathogens, and weeds. In addition to the usual suspects, new potentially invasive organisms are introduced into our country all the time. **Sarah Vanek** will discuss a holistic pest management approach and its fundamental role in an upcoming plant shipment certification program to minimize the establishment and spread of harmful pests.

Team Habits for Working Smarter Not Harder, with Examples for Pest Management

Many people instinctively look for the smartest or fastest way to complete a task, but finding the best course of action is not always easy. Inefficiencies come in many forms and are often difficult to identify, even for experienced managers. **Sarah Vanek** will address some of the most common forms of inefficiency and present proven habits for transforming the workplace into a smarter, safer, and more productive environment. This presentation will include real-world examples showing successful applications in nursery and landscape businesses.

Increasing Efficiency in Insect Pest Management

Lee Townsend will take a look at insect pest scouting and some of the decision-making involved in pest management programs. He will also discuss the use of pesticide tank mixes from legal and practical standpoints.

Dynamics in Managing Herbicide-Resistant Weeds in Kentucky

Continual use of herbicides for weed management can cause weeds to develop resistance to these chemical products. **James Martin** will discuss the current status of herbicide-resistant weeds in Kentucky, including a brief description of each species and the story of how these problems developed. He will then provide recommendations for managing these difficult weeds through sanitation, cultural, and chemical control methods.

Sanitation: Commonsense Approach to Disease Management in Nurseries & Landscapes

Effective disease management does not begin with fungicides; it begins with cultural practices. **Nicole Ward Gauthier** will cover commonsense basics to disease management, including use of sanitation practices to reduce pathogen numbers and eliminate infective propagules that cause disease. Common diseases will be used as examples and a question and answer session will be included.

Boxwood Blight: Should we be Worried?

Boxwood blight is creeping toward Kentucky borders, and we should be worried. Since its introduction to the U.S. in 2011, boxwood blight has devastated plantings in several eastern states, including our neighbors, North Carolina and Virginia. **Nicole Ward Gauthier** will review the history, biology, and current management recommendations for preventing introduction of the disease into nurseries and landscapes, management of outbreaks, and selection of resistant cultivars. Handouts will be provided.

Environmental Conservation through Insecticide Stewardship

Research by Jonathan L. Larson, Carl T. Redmond, & Daniel A. Potter

Turf care practitioners experience increasing pressure to use less artificial inputs such as insecticides, but they are still expected to provide lush and perfect turf. Research at the University of Kentucky has focused on how managers can use insecticides to protect turf from pests, while still keeping beneficial insects safe in turf ecosystems. In this presentation, **Jonathan Larson** will discuss pest-selective insecticide products and methods of application that protect beneficial predators, decomposers, and pollinators.

KY Department of Agriculture
Pesticide CEU's:
3 General Hrs. & 2 Specific Hrs.
(Categories 1A, 3, 10, 12, 14)

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