

Half-Rate Pesticide Application for Nurseries

CEUs

**3.75 Certified Arborist
Pesticide CEUs
4 general, 1 specific
Cat. 3 + 12**

July 14, 2009

Location:

Green Ridge Tree Farm
6100 Bardstown Road
Elizabethtown, KY 42701
(Eastern Time Zone)

Cost: \$35

PROGRAM

- 10:30 a.m. **Introduction to 1/2 Rate Pesticide Application Program**
How 1/2 rate works, how 1/2 rate is achieved, benefits to Ohio growers, level of control compared with conventional spray program, money saved/A.
- Randy Zondag, OSU, Lake County Extension
- 11:30 am **Air Blast Sprayer Maintenance and Safety**
Five things you should check before you start spraying, the best way to maintain your sprayer/pump, end of the season maintenance, safe operating speed, how often to clean tank and with what, when/how to clean/replace disks and whirls, basic troubleshooting, and your questions.
- Adam Clark, USDA-ARS, Wooster, OH
- 12:00-12:45 pm **Lunch**
- 12:45 - 2:45 Participants divide into two groups and take turns:
A. Setting up a sprayer for a 1/2 rate spray program (calibrate, learn how to determine the proper nozzle disk and whirl sizes for 1/2 rate)
B. Evaluating existing 1/2 rate and full rate plots for effective pest control. Try to figure out which field received the full rate. See for yourself the level of pest control obtained with the 1/2 rate.
- Dr. Heping Zhu, Randy Zondag, Adam Clark, Amy Fulcher
- 2:45-3:45 **Spraying Demonstration**
Spray fields with water at 1/2 rate and full rate and see the level of coverage with water sensitive paper, compare trunk borer vs foliar pest applications.
- 3:45-4:30 **Assessing the coverage with the scanner/computer**
- Dr. Heping Zhu, USDA-ARS, Wooster, OH
- 4:30-4:50 **Grower Panel** (representatives from Green Ridge Tree Farm, Valley Hill Nursery, and Wearren and Son Nursery will discuss their experience using the 1/2 rate pesticide program.
- Moderated by Dr. Heping Zhu, USDA-ARS, Wooster, OH
- 4:50-5:00 **Evaluation** *- Amy Fulcher, UK Extension Associate - Nursery Crops*

For more information: Contact Amy Fulcher, Extension Associate for Nursery Crops, 859-257-1273, afulcher@uky.edu, OR Win Dunwell, Extension Specialist for Nursery Crops, 270-365-7541, Ext. 209, wdunwell@uky.edu

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Thursday, July 14, 2008

Green Ridge Tree Farm, 6100 Bardstown Rd, Elizabethtown KY

Firm Name Address Phone Number (Please print)	Name (Please print)	Postmarked Before 7/3/09 Registration fee \$25.00	Postmarked After 7/6/09 OR On-site registration \$35.00	TOTAL AMOUNT
GRAND TOTAL				

Complete registration form and return to:

Amy Fulcher, UK Horticulture Department,
N-318 Ag. Sci. North, Lexington KY 40546-0091


Make checks payable to: University of Kentucky

Amy Fulcher

Amy Fulcher
Extension Associate, Nursery Crops

RETURN SERVICE REQUESTED

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College of Agriculture
Lexington KY 40546-0091
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University of Kentucky
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