Half-Rate Pesticide Application for Nurseries

July 14, 2009

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

Cost: $35

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

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

Funded in part by the Kentucky Horticulture Council through a grant from the Ag. Development Board
Half-Rate Pesticide Application for Nurseries
Thursday, July 14, 2008
Green Ridge Tree Farm, 6100 Bardstown Rd, Elizabethtown KY

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<th>Phone Number (Please print)</th>
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<th>Postmarked Before 7/3/09 Registration fee $25.00</th>
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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
Extension Associate, Nursery Crops