



Western Kentucky Nursery Crop Update

Nursery Crops IPM Diagnostics Workshop - August 18th

The University of Kentucky Nursery Crops program will be hosting an IPM Diagnostics workshop on the 18th of August. This workshop will be hosted at the Trimble Country Extension office in Bedford, Ky.

Topics for this workshop begin with John Hartman’s presentation on Diagnostic Basics. This will be followed by a pest update and a presentation on “Emerging Insect Pests and New Control Options”. Following lunch, there will be presentations on “How Herbicides Work” and “Roundup Damage in Woody Plants”.

After these presentations, participants will travel to Abrams Nursery for hands-on training in outdoor diagnostics and scouting. CEU sign-up will be at the end of the day. There will be four general and one category specific

pesticide CEUs, and 6.25 certified Arborist CEUs.

The cost of registration is \$20 if received or postmarked by August 7th, after which the cost is \$25. Registration forms can be found [online](#). Checks are to be made payable to the University of Kentucky and mailed with the registration form to:

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

If you have any questions, feel free to contact Amy at 859-257-1273 or Carey at 270-365-7541, Ext. 279.



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Extreme Temps Cause Stressed Plants

It's not that much of a stretch to imagine that the recent high temperatures are stressing out the plants. Besides the obvious need for careful watering, there are some other factors to consider. Environmental fluctuations can cause a good deal of stress in a plant, and a stressed plant is more susceptible to disease. Plants facing environmental stresses can become infected with minor pathogens like the fungus *Pestalotiopsis*. This is a saprophytic fungus that can colonize dead tissues caused by lack of water. Other potential diseases of drought stressed plants include *Botryosphaeria* canker, White Pine decline, and *Verticillium* wilt of Maple.

Drought stressed plants can also be more susceptible to winter injury. Winter burn, die-back, and sun scald are just a few examples. A useful publication on the effects of dry seasons on landscape plants can be found online at:

<http://www.ca.uky.edu/agc/pubs/id/id89/id89.pdf>

Things to Watch for in August

Thanks to Amy Fulcher, Extension Associate for Nursery Crops, and funding by Kentucky IPM and the Kentucky Horticulture Council, a calendar is available [online](#) that tells what pests to look for each month and what treatment should be used for each one. As we move into August, there are a few things for which growers should keep an eye out.

Powdery Mildew: Keep an eye out for Powdery Mildew on Crabapple, Hawthorn, and Dogwood. At the first sign of disease spray and repeat every 14 days with Banner MAXX®, Eagle® 20EW, Heritage®, or Strike®.



Japanese Beetles: As with June and July, Japanese Beetles continue to be a problem through August. For all three months, spray with Carbaryl 4L, Safari™ 20SC, Scimitar® GC, or Talstar® S Select.

Spider Mites: Maples and Honeylocust should be scouted for spider mites in mid-August. Ten trees should be sampled. Spray when there are 24 mites per 4 branches. Spray with Avid® 0.15EC, Floramite® SC, Judo™, or Triact® 70 (neem oil).

Disclaimer

This publication contains pesticide timing recommendations that are subject to change at any time. These recommendations are provided only as a guide. It is always the pesticide applicator's responsibility, by law, to read and follow all current label directions for the specific pesticide being used. Due to constantly changing labels and product registration, some of the pesticide listings given in this writing may no longer be legal by the time you read them. If any information in these listings or recommendations disagrees with the label, the recommendation must be disregarded. No endorsement is intended for products mentioned, nor is criticism meant for products not mentioned. The authors and the University of Kentucky assume no liability resulting from the use of these listings or recommendations.