

Commercial Horticulture

Special Alert

April 12, 2021

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[Pest Predictive Calendar](#)

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IPMnet
Integrated Pest
Management for
Commercial Horticulture
extension.umd.edu/ipm

If you work for a commercial horticultural business in the area, you can report insect, disease, weed or cultural plant problems (**include location and insect stage**) found in the landscape or nursery to sgill@umd.edu

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Special Alerts

By: Stanton Gill

Yes, it only Monday but we felt we had to get two big alerts out to you. One on the ambrosia beetle situation and other is on heavy disease pressure.

Ambrosia Beetles

When we checked our Lindgren alcohol baited traps at CMREC this morning, we found 17 *Xylosandrus germanus* and 2 *Xylosandrus crassiusculus*. The trap also had a blister beetle adult and one flea beetle. Ashley Moore sent in pictures last Friday (4-9-2021) of alcohol-baited tree bolts with ambrosia beetles starting to bore into the bolts in central Maryland.

Check susceptible trees for wet areas which indicates females are drilling into the trunk, and if you did not already apply permethrin or bifenthrin to the tree trunks, now is the time to apply.



Ambrosia beetles became active around alcohol-baited tree bolts late last week in central Maryland

Photo: Ashley Moore

Disease Pressure - Tremendous this week

Many of you maintain fruit trees for your customers. This is the week that you should have protectant fungicides on apples, pears, plums, peaches, and apricots. Disease susceptible crabapples should also be protected this week. Rust and scab disease spores are having a heyday.

Kari Peters and her team at Penn State put out a disease report late last week (4-9-2021). The full report is available at <https://extension.psu.edu/2021-disease-update-apple-scab-infection-events-april-9-11-2021>. Be sure to check out the great close-up photo of cedar apple rust gall activity starting.

Here is a short intro from the report:

“The season is full steam ahead and we will be experiencing the first significant apple scab infection event for the season on April 9–11. With ideal average temperatures occurring (53–61°F), only 6–9 hours of leaf wetness are necessary for infection during this period. These are also conducive conditions for rust infections as cedar apple rust and quince rust galls have started to be active. Stone fruit trees have started to bloom, and blossoms need to be protected from brown-rot fungi, which can cause blossom blight. In addition, cedar apple rust and quince rust galls have started to be active. For blooming stone fruit trees, fungicides are needed to protect blossoms from brown rot blossom blight.

Disease Activity for Week of April 12-16

D.L. Clement and K.K. Rane

Ornamental disease activity will continue to be high this week especially during rainy periods. Temperatures in the low 60's and high 50's are conducive to many of our foliar diseases. We are currently in the infection period for crabapple scab and rust diseases, cherry shot-hole, and spot anthracnose, and powdery mildew of dogwood. If you were planning on management of these diseases your treatments should already have started and continue this week with labeled fungicides mixed with appropriate spreader sticker products.

Upcoming ornamental diseases will include shade tree anthracnose diseases, leaf spot diseases on roses, leaf spot diseases on hydrangea and numerous leaf spot diseases on ornamental perennials. Remember that good prevention practices such as pruning out diseased stems and removal of old foliage should help reduce early disease infections as your crews are adding new mulch to planting beds.



**Now is the infection period for diseases like powdery mildew on dogwood that will show up later in the season
Photo: David Clement, UME- HGIC**

New IPMnet Website

The new website for Extension went live this afternoon so our urls for IPMnet have changed. To quickly get to the new site, use <https://go.umd.edu/ipmnet>. It has links to the IPM alerts and conferences etc.

It's still a work in progress at the moment and more information will be added throughout the spring and summer.

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