

Commercial Horticulture

Special Alert

March 22, 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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Disease Information: Karen Rane (Plant Pathologist) and David Clement (Extension Specialist)

Weed of the Week: Chuck Schuster (Retired Extension Educator)

Cultural Information: Ginny Rosenkranz (Extension Educator, Wicomico/Worcester/Somerset Counties)

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Ambrosia Beetle Activity

By: Stanton Gill

One of the most damaging early season insects of nurseries and landscape are members of the ambrosia beetle in the *Xylosandrus* genus. On March 12, 2021 we report finding one *Xylosandrus germanus* in our baited alcohol Lindgren traps at CMREC labs. On March 13 the temperatures started dropping and stay relatively low of most of last week. We did not see any activity in the baited traps. On Sunday, March 21, 2021, I picked up one *Xylosandrus germanus* in a baited Lindgren trap I had set in Brookeville, Maryland. This morning, We retrieved beetles from our CMREC lab traps, and it had three *Xylosandrus germanus* in the trap. It is supposed to be warm today and for the next 5 days so I suspect we will see more activity out of this ambrosia beetle species. The CMREC traps also had 2 *Xylosandrus saxesenii* present.

If you are applying protective sprays of either permethrin or bifenthrin to the trunk for susceptible trees **now is the time to make the application.**



We use a Lindgren funnel trap (left) to catch ambrosia beetles such as this *Xylosandrus germanus* (right)

Periodical Cicada

By: Stanton Gill

Periodical cicadas Brood X will be in the news in 2021. As we move into April, you will begin to see holes popping up in the woods and landscape as the periodical cicada nymphs work their way to the surface. We are still about a month and half off from the big emergence. There will be a lot of media coverage of this phenomenal event. Presentations have been given at the many professional association meetings this winter. If you missed one of these talks, we will be working with Anne Hairston-Strang, Maryland Forest Service, Department of Natural Resources, in conducting an afternoon educational seminar for foresters, landscapers, and nursery and garden center owners **on March 31 at 3:00 pm. The session will last about 45 minutes. This session is open to foresters and anyone involved with the horticulture industry in Maryland. Zoom registration information will be included in this Friday's IPM report.**



Online Information on Cicadas from Paula Shrewsbury and Michael Raupp

The Department of Entomology and its Cicada Crew consisting of a group of graduate students led by Dr. Paula Shrewsbury (Extension Specialist) and Dr. Michael Raupp (retired and professor emeritus) have created a [Cicada Crew UMD website](#) that answers questions about Periodical Cicadas. Brood X, the largest of the broods, will emerge this May. This website will be useful for your clientele. The graduate students will be selling cicada associated items to raise money for their Entomology club.

Other online sources:

We will post regular updates and information on the periodical cicada at the **IPMnet** website as the season progresses. We will also post updates on Facebook at [facebook.com/umdiipm](https://www.facebook.com/umdiipm)

Home and Garden Information Center

The Home and Garden Information Center has a good publication that will help homeowners in dealing with the periodical cicadas at <https://extension.umd.edu/hgic/topics/cicadas>. Author Emily Zobel, University of Maryland Extension.

Perfect Weather for Diseases

Warm and rainy weather is coming on Wednesday and Friday which makes for perfect conditions for early season fungi and bacteria. You can spray protective applications of fixed copper on fruit trees this week and on ornamental cherry trees to help reduce fungal and bacterial leaf spot diseases that show up later in the season. David Cement will be writing a more complete write-up for this Friday's IPM report. We wanted to get this notice out since today and Tuesday are good days to apply the fixed copper applications.

New IPMnet Website

University of Maryland Extension is making changes to its website so the look of the IPMnet site will be different. URLs will be new, too. We will post the new link in a future report. The change is scheduled to take place in early April.

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Thank you to the Maryland Arborist Association, the Landscape Contractors Association of MD, D.C. and VA, the Maryland Nursery, Landscape, and Greenhouse Association, Professional Grounds Management Society, and FALCAN for your financial support in making these weekly reports possible.

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