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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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Winter Weather – Extremes for Late 2022 and Early 2023

By: Stanton Gill

The winter weather is starting out very erratic to say the least. This may well impact winter injury that will be showing up in Spring 2023. On December 23, 2022, a polar cyclone, blanketed North America. Area temperatures dropped to 18 °F on Friday December 23, then to 6 °F on December 24 with temperatures rising to 16 °F during the day. Steve Arrington, Sun Nurseries, reported temperatures going down to 6 °F in Howard County and to 2 °F in Frederick County. Then 50 to 60 mph winds blew over trees into roadways with power outages common in central Maryland. In Florida, temperatures dipped to 33 °F in Orlando, causing severe damage to some citrus growing areas.

On January 1st, the temperatures rose to 61 °F and NOAA is predicting temperatures will reach 70 °F in the central Maryland by January 5, 2023. This is lovely warm weather that many people appreciate, but the impact on plant material is not good. Buds are swelling on several species of plants and when the cold comes back, we will likely see winter damage. Much of this damage will not be visible until later in the spring of 2023.

In California, rain, snow and wind battered parts of California on Saturday (Dec 31, 2022) less than a week after another “atmospheric river” pounded the West Coast. The heaviest flooding and risk of damage was in Northern California, where rain let up by Saturday evening, but some rivers and streams were already reaching flood stage levels.

Fruit Trees: Pruning and Cytospora

By: Stanton Gill

Several landscapers are managing fruit tree planting for their customers. If your customers have peach, nectarine, plum, and cherry trees, wait on your pruning until the weather warms up in March and early April. Pruning during colder weather does not allow the trees to heal their wounds rapidly enough and canker disease can enter the pruning wounds. Cytospora canker is **one of the most destructive diseases of peaches, nectarines, apricots, sweet cherries, and plums in Maryland and Pennsylvania**. The Cytospora canker fungus attacks the woody parts of stone fruit trees through bark injuries and pruning cuts, and through dead shoots and buds. Prune when temperatures are above 50 °F for several days.

Conferences

Go to the [IPMnet Conference Page](#) for links and details on these programs.

January 11-13, 2023

MANTS

Location: Baltimore Convention Center

January 17 and 18, 2023

MAA Winter Conference

Location: Turf Valley, Ellicott City, MD

January 19 and 20, 2023

Drone Program

Location: CMREC, 11975 Homewood Road, Ellicott City, MD 21042

January 27, 2023

FALCAN Conference

Location: Frederick Community College

February 6, 2023

Western Maryland Pest Management Conference

Location: Allegany Fairgrounds, Cumberland, MD

February 15, 2023

2023 Eastern Shore Pest Management Conference

Location: Salisbury, MD

February 16 and 17, 2023

Chesapeake Green Horticultural Symposium

Location: Maritime Institute, Linthicum Heights, MD

Horticulture Classes: Want to take some horticulture classes this spring at **CCBC Hunt Valley or CCBC Dundalk**? See the great lineup of classes here: Spring Horticulture classes at CCBC The Spring semester starts January 30th. Contact Winny Tan in the Sustainable Horticulture office for more information and help with registration. wtan@ccbcmd.edu office 443-840-3787. Scholarships are available!

and.... Applications are now being accepted for the American Landscape Institute (ALI) Program. ALI is a unique “Earn and Learn” scholarship program. ALI students work 4 days per week for a landscape or nursery company and attend horticulture classes at CCBC every Friday. Students graduate debt free with a Certificate in Landscape Installation, Maintenance, and Design. Visit the ALI website to learn more! Contact Martha Pindale 410-688-5115 martha@americanlandscapeinstitute.com

Commercial Ornamental IPM Information
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