



University of Georgia Cooperative
Extension DeKalb County Office

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Why winter damage is showing up now

Information provided by Jean Williams-Woodward, Ph.D.
Extension Plant Pathologist

If you are seeing plants with individual branch death, top dieback, or are slow to leaf out and grow, the problem is most likely freeze-damage. Some plants were killed entirely or were killed to the ground, resulting in new growth developing from the crown (such as with hydrangeas). Boxwoods have been hit particularly hard.

There is damage across all the boxwood in the field planting; however, some plants are showing more damage than others. The amount of damage just has to do with what stage of growth was present at the time of the freeze event. Those that were growing well and flushing new growth were most damaged. Those not showing as much damage now are actually more stressed and slower growing plants. Their growth developed after the freeze event. (Cont. Page 3)





CAES researchers find improved treatments for removing 'forever chemicals'

University of Georgia researchers in the College of Agricultural and Environmental Sciences and the College of Engineering are wrapping up the final year of a study to develop improved, cost-effective treatment systems with advanced technologies for removing polyfluoroalkyl and perfluoroalkyl substances (PFAS) from water, wastewater and biosolids.

Dubbed “forever chemicals,” PFAS are a group of manufactured chemicals developed in the late 1930s that have been widely used in industry and consumer products due to their fire-resistant properties and ability to repel oil and water. The team was awarded nearly \$1.6 million through a congressionally mandated grant from the Environmental Protection Agency (EPA) to mitigate PFAS, which take a long time to break down and can build up in people, animals, water and soil over time. PFAS are commonly found in paper food packaging, stain-resistant and waterproof clothing and furniture, fire-repellants, and nonstick cookware.



Winter Damage continued

Freeze damaged tissues often appear light-colored and bleached; however, on other plant species, damaged tissues will be brown or black and shriveled. In some cases, cambial damage may have occurred that is preventing water and nutrient translocation in the plant. This is where you may see poor growth and branch or top dieback.

At this point, if you see trees and woody shrubs not doing well, showing branch dieback, having exploded/sloughing bark or vertical cracking on trunks, look to see if it is mostly on the western to southern exposure and assume it is due to freeze damage. There isn't anything that can be done other than prune off the dead tissues but wait until axillary buds start to break before heavy pruning.

Many boxwoods are showing extensive dieback or where one to several branches are browning and dying. Most is cold damage, but some could be due to *Volutella* blight or *Colletotrichum* dieback. Both of these diseases are due to mostly secondary pathogens that infect weakened, often root disease affected, plants and cause small cankers on the stems that kills the foliage above it. There is no control for these diseases other than pruning out affected/dead branches and trying to alleviate plant stress. Fungicides may or may not help, and mostly won't because the main problem is due to root issues, so they are generally not recommended. Look for black stem lesions, leaf spotting, and defoliation on affected parts of the plant to identify boxwood blight.

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Click to Register

Community Events

E.M.B.A.R.C. Youth Farm Events

June 3 – Hike with an Urban Forester

Join urban forester and arborist Dave Long of the Georgia Forestry Commission for a guided nature walk of EMBARC's trails. We will cover forest succession, ecology, plant ID, edible/valuable plants, and more. All ages are welcome, but supervision for young children is required. This hike is considered moderate. Dress for the weather, wear suitable hiking shoes, and bring a water bottle. The hike will last from 10:00 am – 11:00 am, and we will meet at the EMBARC parking lot.

June 10 and 27 – Volunteer Garden Day

Get ready to roll up your sleeves and volunteer in the garden! We will work in the newly planted orchard, adding soil to the garden beds and more. We welcome individuals and groups of all ages, backgrounds, and abilities. Wear close-toed shoes and old clothes that you do not mind getting dirty. Arrive at the main gate.

9a-12p

June 14 and 21 – Nature Play for Kids

We'll walk through the Youth Farm Forest, climb on rocks, look for critters under logs, and explore the forest surroundings. We'll be walking at least 1 mile, so be prepared to help your child if they need it. Expect to get dirty and wet, so wear clothes and shoes appropriate for the activity and weather. Bring water bottles, snacks, a change of clothes, and anything you need.

Please arrive 15 minutes early.

AGES 2-8 – Plus Their Adults.

9:30a-10:30a



Community Events

Click to Register

Landscape Design with Native Plants

Saturday, July 29, 10 am to 12 pm.

The Intown Chapter of the Georgia Native Plant Society invites you to join three local experts as they share knowledge about how to approach landscape design accumulated over many years working with native plants.

The talk will cover both form and function, as these speakers relate not only how to design a beautiful landscape for your home, but also one that will rebuild a friendly habitat for pollinators, wildlife, and people!

Design concepts and plant characteristics such as size, color, bloom time and more will be shared to help you bring a beautiful native garden to life.

Muscadine Trellising at the Tapestry Donation Garden

Join Food Well Alliance and One Tree Planted on World Environment Day, Monday, June 5 to help save the muscadine vines at our Tapestry Donation Garden! Tapestry has been home to a productive 40-vine muscadine vineyard for many years, but the existing muscadine trellises are in desperate need of repair. Without strong trellises, the muscadine vines cannot continue to thrive. Volunteers are needed to help install new posts as part of replacing the trellises. If time allows, we'll also stake tomatoes and harvest produce. This project runs from 9 a.m. - 12 p.m. at the Tapestry Garden, located near Grant Park

Register at <https://www.foodwellalliance.org/>



Tips on asking for advice from your Extension Service

Take pictures – clear pictures of the whole plant, the affected leaves (top and bottom), stems, fruit, and of any bugs or eggs you see

Have information ready – When was it planted? How long has the problem been present? Have you tried any kind of treatment already? Are other plants having the same issues?

Bring in a sample – We are happy to try and diagnose problems in our office (Free). However, for some problems, samples are sent to the UGA Plant Pathology Lab (\$14)

Samples should be in an enclosed bag or container and include damaged plant parts and any insects that were on it

Email us at UGE1089@uga.edu

Call us at 404-298-4080



Have an idea for a class or program?

[Click here to let us know!](#)





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Healthy recipes

Nutrition education



Low-cost fruits and vegetables*

Receive a discount by attending UGA Extension's nutrition class each Monday. Then, at the market, provide the "word of the week" at checkout.

*Offer good while supplies last.

For more information, visit www.freshondek.com or call (404) 298-4080.





Made possible with funding from the Centers for Disease Control and Prevention, DeKalb County Government, DeKalb County Board of Health and UGA Extension

**Fresh on DeK:
DeKalb Mobile Farmers Market
2023 Schedule**

MAY 15 - JULY 7

Tuesday

- 9:00 a.m. to 11:00 a.m. **County Line - Ellenwood Library**
4331 River Rd.
Ellenwood, Ga. 30294
- 12:00 p.m. to 2:00 p.m. **Beulah Missionary Baptist Church**
2340 Clifton Springs Rd.
Decatur, Ga. 30034

Wednesday

- 9:00 a.m. to 11:00 a.m. **Scott Candler Library**
1917 Candler Rd.
Decatur, Ga. 30032
- 12:00 p.m. to 2:00 p.m. **Lou Walker Senior Center**
2538 Panola Rd.
Lithonia Ga. 30058

Thursday

- 9:00 a.m. to 11:00 a.m. **Clarkston Community Center**
3701 College Ave.
Clarkston, Ga. 30021
- 12:00 p.m. to 2:00 p.m. **East Lake Family YMCA**
275 Eva Davis Way, S.E.
Atlanta, Ga. 30317

Friday

- 9:00 a.m. to 11:00 a.m. **Reserve at Hairston Lake**
1023 North Hairston Rd.
Stone Mountain, Ga. 30083
- 12:00 p.m. to 2:00 p.m. **DeKalb County Extension**
4380 Memorial Dr.
Decatur, Ga. 30032



(OVER)



Fresh on DeK

Free Live Food Demonstration and Tasting

Join us at our Fresh on DeK locations to see a free live food demonstration of the recipe of the week, and get a chance to sample.

WEEK OF	RECIPES
May 22nd	Sweet Pepper Trio
June 5th	Turkey and Squash Dinner
June 19th	Peach Salsa
July 3rd	Summer Corn Salad





Fresh on DeK

Healthy Living Class Schedule Session A

12-1 pm on Zoom and Facebook Live
bit.ly/FODHealthyLiving2023A

During this class, you will receive the Fresh on DeK word of the week promo code, which can be redeemed at any Fresh on DeK location for \$10 off your purchase. Limit 1 use per week, per household. Promo code will change each Monday and is only valid for the week following the class.

May 15th	What is Healthy Eating?
May 22nd	Sneaking in More Fruits and Vegetables
May 29th	Mindfulness* <small>*Pre-recorded to Fresh on DeK Facebook Page</small>
June 5th	Jump Starting Your Physical Activity
June 12th	In the Kitchen with Kids
June 19th	Eating Better on a Budget * <small>*Pre-recorded to Fresh on DeK Facebook Page</small>
June 26th	Nutritional Labels and Healthy Swaps
July 3rd	Trends in 2023



DeKalb County
GEORGIA



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Fresh on DeK



4-H Day at Medieval Times[®]

DINNER & TOURNAMENT



Join DeKalb County 4-H



July 21, 2023
10am-12:45pm



Atlanta Castle
5900 Sugarloaf Parkway,
Lawrenceville, GA 30043



\$30.95

GRADES 4-12
AS OF END OF 2022-2023 SCHOOL YEAR

FEATURING

- A 90-minute show experience
- A four-course lunch. Vegetarian and allergen meals available
- A live tournament with six competing knights, jousting, sword fighting, and beautiful horses

REGISTER NOW

[HTTPS://TINYURL.COM/DEKALB4-HDAYATMEDIEVALTIMES](https://tinyurl.com/dekalb4-hdayatmedievaltimes)



Contact:
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UNIVERSITY OF GEORGIA
EXTENSION





STUDENTS WILL:



Learn

- Knighthood & Heraldry
- Medieval Feasts & Tournaments
- Feudalism
- Geography & Social Studies
- History
- Falconry
- Weaponry & Combat
- Elements of Modern Theatre
- Horsemanship



Dine

Four-course lunch with oven-roasted chicken, garlic bread, sweet corn coblette, herb roasted potato, chocolate chip cookie and bottled water. Vegetarian and allergen meals are available.



Have Fun!

Level up the fun with exclusive upgrades

NEW! Heraldry Package	\$3 each	Chancellor Package	\$7 each
Your group will be honored with preferred, center section seating in our Grand Ceremonial Arena. Every guest will receive a cheering banner in the color of the knight you will be cheering for!		Our Chancellor Package provides each of your guests with a group photo of your classroom and a cheering banner in the color of the knight you'll be cheering for!	
Cheering Flags	\$4 each	Group Photos	\$6 each
Amp up the excitement by upgrading to a knight's flag! These large, decorative flags bear the crest of your knight and are a perfect show memento!		Commemorate your visit to the Castle with a photo of your group. Your school name, grade, or class year can be added to the image!	



REGISTER NOW

[HTTPS://TINYURL.COM/8EKA84-HDAYATMEDIEVALTIMES](https://tinyurl.com/8EKA84-HDAYATMEDIEVALTIMES)



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Design Inspired by Maria Barga



CLOVERLEAF CAMP AT CAMP BURTON, TYBEE ISLAND

4TH- 6TH GRADES
CAMP DATES: JUNE 12-15, 2023

\$75 NON-REFUNDABLE DEPOSIT
(PAYMENT PLANS AVAILABLE)

DEKALB COUNTY EXTENSION OFFICE
4380 MEMORIAL DR., STE 200, DECATUR,
GEORGIA 30032

MICAL.STCLAIR@UGA.EDU

\$400

includes
transportation,
lodging, meals, T-
shirt, activities,
and more





UNIVERSITY OF GEORGIA
EXTENSION

June 2023

<https://extension.uga.edu>



Batter up! Mark your calendar and start making plans now for the annual Georgia 4-H Day at the Atlanta Braves Game on Saturday, July 15, 2023! Come out and see our name in lights and enjoy Georgia 4-H Clovers & Co. as they sing the pre-game National Anthem!

Here are the details:

Who: Atlanta Braves vs. Chicago White Sox

When: Saturday, July 15, 2023 at 7:15 PM

Where: Truist Park, 755 Battery Avenue, Atlanta, GA 30339

Contact us to purchase tickets by June 9, 2023.

See you there!

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leslie.reese@uga.edu



UNIVERSITY OF GEORGIA
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June 2023

<https://extension.uga.edu>

Upcoming Virtual Learning Opportunities

"Shade Gardening"- Lunch & Learn, June 15th at 12pm Made for Shade. Whether you have a shady landscape or just a shady spot. We will talk about plants to help brighten up the shade in your garden

"Insects Pests & Beneficials"- July 13th at 6pm How to minimize the bad bugs and keep around the good bugs in your garden and landscape.