

Virginia Cooperative Extension, Goochland Office

Quarterly Newsletter



First Quarter, Spring 2022

The 16th Annual

Spring Garden Fest



Saturday, April 30, 2022
8am to 3pm
Reynolds Community College
1851 Dickinson Road, Goochland, VA

A **FREE**, family friendly event that is a celebration of all things related to gardening so stop by to see:

- **The GPMGA Plant Sale** – a wide variety of plants at great prices!
- **Ask the Master Gardener booth** – free gardening help and advice
- **Gardening vendor booths** – lots of fun items to delight gardeners

Attend a full day of classes and tours for a one-time \$25 registration fee.
(additional materials fee for workshops)

Classes include:

- Low Maintenance Flowers
- Planting Design
- Ornamental Pollinator Gardens
- Small Vegetable Gardens
- Gardening in the Riparian Zone
- Cottage Gardens
- New Container Combinations
- Garden Insect Identification

Tours of the College Gardens:

- Underutilized Plants for Shade
- Natives Integrated in the Landscape
- Shrubs & Trees for 4 Season Color

Hands On Workshops:

- Create Your Own Mosaic Art
- Self Watering Plant Containers
- Shiitake Mushroom Cultivation

Classes, tours, and workshops fill up quickly, so register early for the best selection. Complete descriptions and online registration is available at <https://www.gpmga.net> or by contacting the Goochland Extension Office at 804-556-5841.

Goochland Powhatan
Master Gardener Association

Virginia Cooperative
Extension
Virginia Tech • Virginia State University

Reynolds
COMMUNITY COLLEGE

Virginia Cooperative Extension programs and employment are open to all, regardless of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, veteran status, or any other basis protected by law. An equal opportunity/affirmative action employer.

Extension is a joint program of Virginia Tech, Virginia State University, the U.S. Department of Agriculture, and state and local governments. If you are a person with a disability and desire any assistive devices, services or other accommodations to participate in this activity, please contact the Powhatan Extension office at ((804) 598-5640/TDD*) during business hours of 8 a.m. and 5 p.m. to discuss accommodations 5 days prior to the event. *TDD number is (800) 828-1120.

Horticulture Help Line:

Residents with questions regarding gardens, lawn care, pruning and more are invited to contact the Goochland Extension Office for free advice.

The Goochland-Powhatan Master Gardeners are available at the office Tuesdays beginning in mid-March through September. You can reach them at 804-556-5874 or stop by the Goochland Extension Office.

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Please note that there is a \$50 returned check fee for any returned checks.

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Mushroom Production Workshop

Learn about the biology of fungi, and mushroom production with a focus on shiitake mushroom cultivation on natural logs. Participants will try their hand at shiitake log inoculation and can take a log home to reap the rewards. Participants will also learn about mushroom preparation, cooking and preservation. Cost: \$20.00 per person includes informational material and supplies for the hands-on activity.

Pre-registration is required. A minimum of 10 registrants to hold the program and a maximum of 25 registrants.

Saturday, March 19, 2022 from 9 AM—12 PM at the 2748 Dogtown Rd., Goochland, VA 23063

Please Pre-register by March 11th

Contact Bob Whitehead: whitehd5@vt.edu or call (804)556-5841 OR REGISTER at the link: <https://tinyurl.com/GrowShiitake>

Please make checks payable to the: “Treasurer of Virginia Tech.”

Mushroom Production Workshop

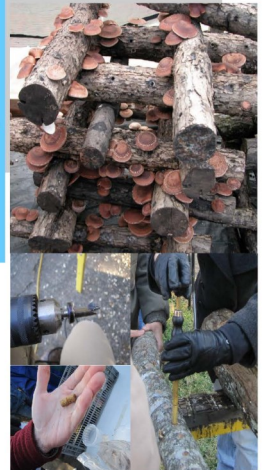
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*TDD number is (800) 828-1120.

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Spring Sidedress for Wheat

Wheat should be tissue tested at growth stage 30 to determine the need for spring sidedress applications of nitrogen. This graph can be used to find the N recommendation based on the tissue test.

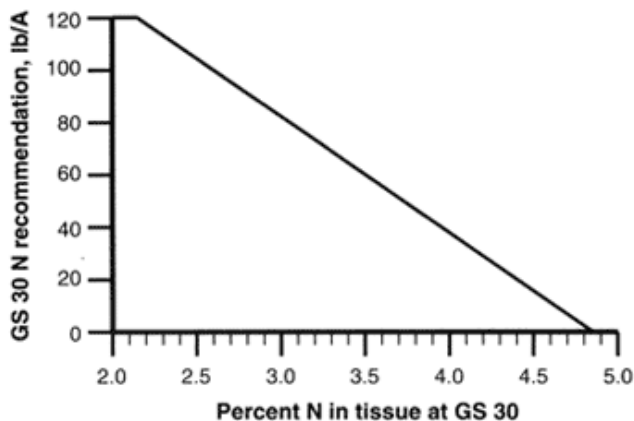


Image credit: Wade Thomason and Mark Alley, 2006.

Annual Training for Dicamba-based Herbicides From Dr. Michael Flessner

Annual training for Engenia, Xtendimax, and Tavium is required again this year. Due to the timing of the EPA's decision on these products, updating and rolling out the training content is behind schedule from previous years. Any company's training meets the training requirement; you do not have to take the training from the company that manufactures the product that is applied.

Bayer's self-paced training is not yet available, but live webinars are scheduled and can be found here: <https://www.roundupreadyxtend.com/stewardship/pages/default.aspx>

BASF also has several options for their training, a self-paced online module and live virtual webinars.

Webinars are scheduled for 10 AM EST on March 8, March 15, April 12, May 10, and June 7. Please visit www.Engeniaherbicide.com/training.html for training options.

Please note that North Carolina requires training through their Extension personnel. North Carolina Extension-based training counts for Virginia, but Virginia's registrant training does not count for applications made in North Carolina.

NEED GARDENING HELP?

Since COVID-19 has given you time, maybe you have decided to plant a vegetable or flower garden or maybe you have been gardening for years. Either way, everyone has questions about planting, disease, and pests. Here are some links to sources for answers to your gardening questions. You can also contact the GPMGA Master Gardeners on their Facebook page:

<https://www.facebook.com/groups/gpmga>

<https://ext.vt.edu/lawn-garden/master-gardener.html>
information about growing fruits and vegetables in Virginia

<https://mastergardener.ext.vt.edu/ce/>
list of informational videos and webinars

<https://www.youtube.com/channel/UCT-rsFK2y4FJDI5ful2JEiw>
multiple videos on various gardening problems



Highly Pathogenic Avian Influenza Update

In January, Highly Pathogenic Avian Influenza (HPAI) was detected in wild waterfowl in Virginia. The confirmations consisted of five hunter harvested wild migratory waterfowl, four in Henrico County and one in Surry County. Given the recent detection of HPAI in wild waterfowl in North Carolina and South Carolina, in the same migratory path of wild waterfowl known as the Atlantic Flyway, these detections were not unexpected.



Photo Credit: USDA APHIS Published: Jan 14, 2022

On Valentine's Day, the USDA confirmed that HPAI had been detected in a flock of backyard poultry in Fauquier County. Cases have also been confirmed in commercial poultry in nearby Kentucky, so it is strongly advised that anyone with a backyard or commercial poultry flock implement increased biosecurity measures. It is expected that domestic poultry will be at an increased risk for HPAI until summer brings increased temperatures.

Biosecurity measures include preventing wild bird contact by keeping poultry inside or under cover, feeding and watering birds inside the coop, and preventing poultry from accessing ponds and wetlands. Furthermore, designated clothing and footwear should be used to handle your flock, and cleaned or sanitized appropriately. Warning signs of HPAI include sudden mortality, reduced feed intake and/or egg production, misshapen eggs, swelling of face and hocks, and sneezing, coughing, and nasal discharge.

The Centers for Disease Control and Prevention considers the risk to the general public from HPAI infections to be low. As a reminder, the proper handling and cooking of poultry, wild game birds, and eggs to an internal temperature of 165°F kills bacteria and viruses, including HPAI.



Photo Credit: USDA APHIS Published: Feb 14, 2022

Poultry owners should report unusual poultry illnesses or deaths to the State Veterinarian's Office at (804) 692-0601 or at vastatevet@vdacs.virginia.gov or through the USDA's toll-free number, (866) 536-7593. Reports of multiple (at least five) dead, wild, free-ranging waterfowl (ducks, geese, or swans.), seabirds (terns, gulls, cormorants, etc.), shorebirds (dunlin, black-bellied plovers, sanderlings, ruddy turnstones, etc.), upland game birds (turkeys, grouse, or quail), or avian

scavengers (crows, raptors, owls, etc.) should be submitted to the Virginia Department of Wildlife Resources at <https://dwr.virginia.gov/wildlife/diseases/bird-mortality-reporting-form/>.

Please see the following for more information:

Press release: https://www.aphis.usda.gov/aphis/newsroom/stakeholder-info/sa_by_date/sa-2022/hpai-ky-va-flocks

Press release: www.aphis.usda.gov/aphis/newsroom/stakeholder-info/sa_by_date/sa-2022/hpai-sc

Biosecurity: www.aphis.usda.gov/aphis/ourfocus/animalhealth/animal-disease-information/avian/defend-the-flock-program/df-resources/df-resources

Biosecurity for backyard flocks: <http://healthybirds.aphis.usda.gov>

For hunters: www.aphis.usda.gov/publications/animal_health/2015/fsc_hpai_hunters.pdf



4-H Updates

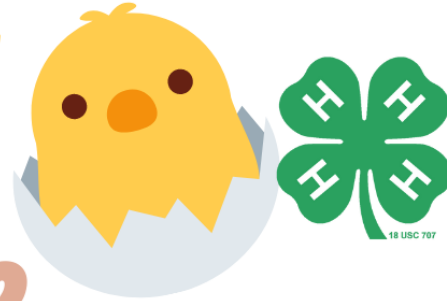


SAVE THE DATE!

MAY 26 2022

4-H EMBRYOLOGY FAMILY KITS

Learn about animal science through incubating chicken eggs!
Participation fee to be announced



Households with youth aged 9-18 are eligible to participate

For more information and updates, please contact 4-H Agent, Cayla Walker at caylaks98@vt.edu

Se habla español.
Teléfono - 804-556-5872;
correo electrónico - nks49@vt.edu; mensaje de texto - 301-633-0652.



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ATTENTION

Goochland 4-H Junior Camp at Jamestown is scheduled for July 4-8, 2022



Please mark your calendars.
Registration Opens March 2nd 2022

For youth ages 9-13 (as of September 30th 2022)

Contact caylaks98@vt.edu for more information or if you want to be added to our Camp Interest email List!

If you are a person with a disability and desire any assistive devices, services or other accommodations to participate in this activity, please contact Cayla Walker at 804-556-5873 (TDD*) during business hours of 8 a.m. and 5 p.m. to discuss accommodations 5 days prior to the event.

*TDD number is (800) 828-1120.

See what 4-H has to offer for you!! Here is a list of our 4-H Clubs:

The Goochland County 4-H program is growing throughout the county. 4-H provides “learn by doing” opportunities for youth to receive “hands on experiences through work or activities. 4-H is for all youth, both boys and girls between the ages of 5-18 years of age regardless of race, color, religion, national origin, handicap or political affiliation. For further information or questions regarding any of these programs please contact the 4-H office at 556-5873.



Goochland 4-H Shooting Education Club: Ages 9-18

The Shooting Education Club focuses on teaching responsible handling of any firearm, including safety, cleaning and proper storage. The youth will have a chance to compete in several 4-H sponsored shooting event throughout the year. The 4-H club is lead by qualifies, trained 4-H volunteers who are certified instructors in the following disciplines; archery, rifle, shotgun, pistol, air rifle.

There is a waitlist for this club

4-H Trailblazers & Cloverbuds: Ages 5-18

Youth will learn about a variety of subject areas such as geocaching, photography, science and more. Meetings are usually held in the Central High School Classroom or via ZOOM. (2748 Dogtown Road, Goochland, VA 23063).

Great Equestrian 4-H Club: Ages 9-18

The 4-Hers will participate in equine workshops, visit farms and show equine at local 4-H horse shows. This is a competition horse club. The 4-H members meet once a month on the first Tuesday at 6:30pm.

Goochland 4-H Livestock Club: Ages 5-18

The Goochland Livestock 4-H club focuses on learning about livestock animals and agriculture. Throughout the year, the youth participate in workshops on different species of livestock; have guest speakers within the industry and show at the local 4-H livestock shows. Youth do not need to have a livestock animal to be a member just an interest. **Youth 5-8 years of age, can be a part of this club as Cloverbuds until they reach the 4-H age of 9.** This 4-H Club meets once a month on the second Thursday at 6:30 pm at St. Mathews UMC in Goochland.

Tractor Supply Paper Clover Campaign April 27th- May 8, 2022

What is the Paper Clover Program?

During the semi-annual event, TSC invites friends and family to support 4-H by donating \$1 at checkout in stores to support sending youth in Virginia to 4-H camp, State 4-H Congress, and other leadership experiences.

Historically, how much money is raised in Virginia during Paper Clover?

Over the past several years, Virginia has annually raised more than \$75,000 to benefit local programming during the Spring and Fall Campaign.

When is the fundraising campaign?

As a semi-annual event, the Paper Clover Campaign takes place in the Spring and Fall of each year, usually in April and October.

Can people donate online? Yes, customers can make a donation with their purchase both in the app and on TSC’s website. These funds are credited to the state as a whole, not individual stores. Customers can also donate in store just like they have in past years.

Learn more about 4-H’s partnership with Tractor Supply, at WWW.TRACTORSUPPLY.COM/4-H.



Madison State Graded Lamb, Sheep and Goat Sales

At Madison Livestock Exchange

2022 TELO-O-AUCTION SALE DATES

Please call Madison Extension Office at 540-948-6881 to consign your Sheep, Lambs and Goats by 2:00 pm, Tuesday before Sale Date.



January 26

February 23

March 26

April 13

May 25

June 29

July 27

August 24

September 28

October 26

November 23

December 14



VIRGINIA DEPARTMENT
OF AGRICULTURE AND
CONSUMER SERVICES

Take-In: 7:00 am – 10:00 am

Sale Time: 11:00 am

All sheep, lambs and goats must have USDA approved Premise ID Tag (scrapie tag).

If you need an ID and tags, call 540-209-9120

If you have an ID, you can order your ear tags with premise ID printed on tag.

Sale Guidelines

- Only healthy animals suitable for slaughter or feeder purposes will be accepted and offered for sale
- Market goats accepted with a minimum weight of 30 pounds, preferred weight of 40 pounds and up.
- Animals will be evaluated and graded by VDACS personnel and co-mingled according to grade.
- The marketing fee will be \$2.00 per head for sheep and lambs, \$2.25 for all goats and 1.5% commission with check-off fees.

Madison Livestock Exchange

7129 Orange Road, Orange, VA 22960

For more information contact

Brad Jarvis

bjarvis@vt.edu or 540-948-6881

Matt Sponaugle

540-383-7983

Summer Internship Program: Goochland County

Are you or someone you know interested in applying for a summer internship with the Goochland Extension office? Please see the information below about the Goochland posting. To apply please visit this website: <https://ext.vt.edu/internship/counties/goochland.html>

Primary Program Area Focus: 4-H and ANR

1. Describe the plans for this internship. (I.e. what specifically will the intern are doing?)

The internship in Goochland County will cover the 4-H, Horticulture, and ANR program areas. They will spend roughly 60% of their time on Horticulture and ANR assignments, and 40% on 4-H assignments. With respect to 4-H, intern tasks will be largely confined to the planning and execution of camp, which runs July 4-8. The intern will complete administrative tasks, assist in the training of teen counselors, attend camp, and, if they wish, lead a class.

There will be some overlap in the intern's duties with regard to Horticulture and ANR. The intern will assist with the Smart Lawns Program, including measuring and mapping the lawn, rendering the map digitally, taking soil samples, and writing reports. The intern will accompany the Horticulture Program Associate and the ANR Agent on other site visits as needed to take samples and assists in pest and disease identification. The intern will also help process samples in the lab.

The intern will attend programs and meetings, such as the Beef 360 Discussion Group, Rassawek's Spring Jubilee, Goochland-Powhatan Master Gardener Association Board meetings, Monacan Soil and Water Conservation District Board meetings, and Farm Bureau Board meetings. The intern will also help in planning, advertising, and evaluating programs, especially in the lead up to Goochland's fall programming (Agricultural Fair, and Virginia Household Water Quality Program's Well-Water Clinic.

Finally, the intern will assist in evaluating impacts for long-running office programs, such as the Well-Water Clinic.

2. Describe the knowledge / skills that the intern is expected to gain from this experience.

At the end of the internship, we expect the intern to be comfortable designing and executing a program (for youth or adults), to be familiar with the procedures for taking different kinds of samples and giving recommendations, and to understand all of the ways that VCE executes its mission in the county (camps, clubs, programs, one-on-one instruction, relationships with other organizations). The intern will also have the opportunity to learn Edraw Max or a similar program, and to practice skills such as writing and public speaking. The intern will also gain knowledge about the process of monitoring and evaluating programs, and how this relates to the program cycle.

3. How will the intern learn about the breadth of VCE and our various program areas?

The intern will have direct experience working with 4-H, Horticulture, and ANR programs. They will also learn about the broad reach of VCE not just in content area, but in community engagement—who our clients are and how we reach them. Because the Goochland Unit collaborates with other counties on a number of programs, the intern will also be exposed to the similarities and difference between units.

To find out about other Summer 2022 Extension/Virginia Tech Intern opportunities visit this website:

<https://ext.vt.edu/internship/location.html>

Save the Date! Rain Barrel Workshop

June 16, 2022 6p.m.

Central High Educational & Agricultural Complex
2748 Dogtown Rd.

Learn the importance of having a rain barrel and construct your own!

All hardware, and heavy plastic barrel are included in registration fee. Please wear clothes in which to work. Be prepared to take your 44" tall, 24" wide completed barrel home.

For more information about this upcoming program please contact Bob Whitehead at 804-556-5868 or whitehd5@vt.edu.



Dealing with Winter Damage

By: Bob Whitehead, Horticulture Assoc.

As if all the tree limb and trunk damage from the January snow/ice storm wasn't enough, you may discover further freeze damage to ornamentals and fruit trees this spring. If you live in Virginia, you know the variability of our spring temperatures can graphically resemble a roller coaster ride. Some winter injury has already occurred such as winter desiccation and sunscald often called "southwest burn". Broadleaf evergreen shrubs such as boxwood and hollies frequently display bronzed brown or orange yellow foliage as an indication that the leaves have lost moisture which couldn't be replenished from the root system during windy freezing temperatures when the ground was frozen. Sunscald or "southwest burn" damages bark on southwest facing trees when there is a combination of bright sunlight and rapid temperature changes. Sunken areas and vertical splits in the bark is evidence of this type of damage. Newly planted thin barked trees are especially vulnerable to sunscald.

A late spring freeze in April is most frustrating since it damages flower buds on ornamentals and reduces fruit tree yields. Once damage occurs you can only help the plants recover by pruning, fertilization and watering, especially during dry periods. The goal is to help the plants thrive by knowing and implementing good cultural practices for each beloved species. Strong healthy plants have the best outcomes after a long harsh winter. See the following web links for more information on recognizing and dealing with winter freeze damage.

<https://hgic.clemson.edu/factsheet/cold-damage/>

<https://lee.ces.ncsu.edu/2018/03/winter-injury-to-trees-and-shrubs/>

<http://www.ladybug.uconn.edu/FactSheets/sunscald-and-frost-cracks-on-trees.php>

<https://extension.wvu.edu/lawn-gardening-pests/plant-disease/landscape-tree-disease/winter-damage>



Photo credit: University of Maryland Extension



Photo credit: University of Maryland Extension



Photo credit: Virginia Cooperative Extension



Goochland Extension Office
2748 Dogtown Road
Goochland, VA 23063

Phone - 804-556-5841
Fax - 804-424-3185



Visit our website at:
<http://offices.ext.vt.edu/goochland/>
For more programs and information!

Also search Virginia Cooperative Extension Goochland on Facebook!

Sign up for the Goochland County News Flash notifications:

[Notify Me • Goochland County, VA • CivicEngage \(goochlandva.us\)](#)

Trees Take a Pounding in 2022

By: Bob Whitehead, Horticulture Associate

The new year arrived with a somewhat unexpected impact - pounds and pounds of heavy wet snow which caused catastrophic damage to trees and extended power outages in early January. Now that temperatures have moderated and spring is on the way, gardeners are wondering how to repair the damage to trees in their landscape. There is no single answer to this question.

The size, age and severity of the damage must be evaluated on each tree species. Some trees are better able to withstand severe winter storm damage such as black gum, arborvitae, ginkgo and oak, while pines, willows and silver maple are known for their susceptibility. However, this year even resistant trees were severely damaged. If trees have large broken branches and more than 75 percent of the canopy is damaged, the tree should be removed. Some trees can recover with judicious pruning. It may never have optimal form but can recover and still be attractive asset in the landscape.



Photo Credit: Bob Whitehead

Another problem is bent trees with few, if any, broken limbs. If the bend in the tree is less than 45 degrees and the roots are still intact underground, the tree has a good chance of recovering on its own if given time. Trees with a higher degree of bend most likely won't recover and the roots underground may be damaged from the pressure exerted by the weight of the snow load, tree trunk and canopy. Fallen trees with roots exposed are seldom recoverable. High value specimen trees may warrant extraordinary efforts and the skill of a certified arborist. Severe tree damage, necessitating removal is risky business and is most often a job for professionals. To evaluate the options for your landscape trees, please see the following web publications and consult a certified arborist if you are still unsure of the proper course of action.

http://forestry.ca.uky.edu/files/caring_for_trees_damaged_by_ice.pdf

<https://www.uaex.uada.edu/environment-nature/disaster/storm-damage.aspx>

<https://extension.tennessee.edu/publications/Documents/sp575.pdf>

<https://www.treesaregood.org/findanarborist/findanarborist>

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Find us on Facebook for the Virginia Cooperative Extension Office - Goochland and Goochland 4-H here:

<https://www.facebook.com/pages/Virginia-Cooperative-Extension-Goochland-County/197382547017139> &

<https://www.facebook.com/pages/Goochland-4-H/192197339215>

