

**NOBLE COUNTY ANR NEWSLETTER****AUG-SEPT | 2018****Page 2: Farm Talk & Noble County Fair****Page 3: Pasture Walk****Page 4: Sheep & Goat Programs****Page 5: 4-H Forestry Camp****Page 6: Beef School 2018****Page 7: Feeder Calf Sale & BQA Dates****Page 8: Timber Harvest Workshop****Pages 9: Dying Tree Checklist****Page 10: Farm Science Review****Page 11: Soil Testing & Pond Clinic****Page 12: Master Gardener Training***Dear Readers,*

Summer is winding down, kids and teachers are headed back to school, and our days are getting shorter again. I hope you are making the most of the last summer nights and weekends.

In this month's newsletter, you will find information about our upcoming fall programs and articles from neighboring ANR Educators. Each of us strive to provide our clientele with timely and helpful information in a variety of formats. We welcome your suggestions for future programs, articles, factsheets, and outreach. Please let us know how we can better serve you.

*Sincerely,**Christine Gelley*

Noble County OSU Extension ANR Educator

**Noble County Extension Office****46049 Marietta Rd., Suite 2****Caldwell, OH 43721****Phone: 740-732-5681****Fax: 740-732-5434****Email: [gelley.2@osu.edu](mailto:gelley.2@osu.edu)****URLs: [www.noble.osu.edu](http://www.noble.osu.edu)****[www.facebook.com/osuenoble/](https://www.facebook.com/osuenoble/)****[www.twitter.com/NobleCountyAgEd](https://www.twitter.com/NobleCountyAgEd)****THE OHIO STATE UNIVERSITY**COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

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## **August 27 to September 1: Noble County Fair**



The Noble County Fair has something for everyone!

Enjoy livestock shows, still exhibits, great food, music, harness races, a square dance, a truck pull, a demolition derby, and much more!

General admission tickets are \$9 and include all grandstand activities, rides, and parking. Children under age two are admitted free. Season tickets, exhibitor tickets, and membership tickets are \$20. For the full schedule of events visit: <http://www.noblecountyfair.net/> or consult this year's fair book. Books are available around town and at the Extension Office.

Be sure to check the entry deadline for your class and submit all exhibitor entry paperwork directly to the Noble County Fair Board Office on the fairgrounds by 4:00 P.M. on August 18. Questions about fair entry forms and tickets should be directed to the Noble County Agricultural Society at 740-732-5598.

## **September 21: Farm Talk Breakfast**

September's Farm Talk Breakfast will welcome Mark Landefeld- Monroe County ANR Educator as the guest speaker. Mark will enlighten us with a presentation related to fall forestry activities for landowners. Breakfast begins at 8:30 a.m. at the Regional OSU Extension Office at 16714 Wolf Run Road, Caldwell. Call 740-732-5681 to RSVP by Thursday, September 20. This event is free to attend.

## **September 26: United Way Lunch on the Square**

Come out and support the United Way of Noble, Guernsey, and Monroe Counties by having lunch on the square in Caldwell, getting a treat at the bake sale, and entering the country raffle. From 11:00 to 1:30 PM on Wednesday, September 26<sup>th</sup> volunteers will serve bratwursts and hamburgers by donation in front of the Noble County Courthouse. United Way is a charitable organization focused on improving the health, education, and financial stability of the people in our community. Find out more about United Way at: <http://www.guernseynobleunitedway.com/>.



## Guernsey SWCD

740-489-5276

355C Old National Rd. Old Washington, Oh, 43768

# Pasture Walk

**Tuesday, September 4th, 2018, 6:00 p.m.**

**Event location: Louis Thornton 6230 High Hill Rd., Cambridge, Ohio, 43725**

**Call Guernsey SWCD @ 740-489-5276 for any information**

### Topics Covered:

Management Intensive Grazing

Spotted Knapweed Control

Forage Species Identification

Livestock Calculations

Stockpiling Forages for Winter

Cover crops

Feedstuff.com (2017, August 3). Beef prices fall as domestic demand slows. Retrieved from [www.feedstuff.com](http://www.feedstuff.com)

There is no cost for this program, but please call in your reservation by August 31st to

740-489-5276. For more information contact Mark Wallen, Guernsey SWCD.



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Sponsored by Guernsey  
SWCD, OSU Extension and  
NRCS



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## **Sept. 6 & Nov. 6 - Southeast Ohio Sheep & Goat School**

Southeast Ohio Sheep & Goat School continues this fall on Thursday, September 6 from 5:30 to 8:30 PM with a class focusing on improving reproductive success of sheep and goats through the use of synchronization, artificial insemination, semen testing, and pregnancy checking. The guest speaker will be DVM. Justin Kieffer- Clinical Veterinarian for OSU.

On Tuesday, November 6 from 6:00 to 9:00 PM the school will conclude with a class on finishing for market, carcass evaluation and meat grading, and how to promote these products to consumers. Speakers will be Dr. Lyda Garcia- Meat Science Professor for OSU, Brady Campbell- OSU Sheep Team Coordinator and PhD. Student, and Christine Gelley- Extension Educator for Noble County.

These programs are held at the Eastern Agricultural Research Station (16870 Bond Ridge Road Caldwell, OH 43724) and include a lamb dinner. Registration is required two weeks prior to the class. The cost is \$25 per person or \$40 per couple. Call 740-732-5681 to register.

## **September 14-15: Ohio Statewide Sheep Shearing School**

The Ohio Statewide Sheep Shearing School will be held Friday and Saturday, September 14-15, 2018 from 9 AM to 4 PM at the Dave Cable Farm (10491 Canal Rd. Hebron, OH 43025). Students will be taught the proper techniques for productive sheep shearing through first hand experience. Class space is limited and registration is due by Tuesday, September 4. The cost to attend is \$50 per student for both days combined and includes a boxed lunch. Call Roger High at 614-246-8299 to register.





# ***Forestry and Wildlife Camp***

## ***Canter's Cave 4-H Camp***

*A partnership with Hocking College  
Sponsored by the Ohio 4-H Foundation*

**September 14-16, 2018**

**Location: Canter's Cave 4-H camp,  
1362 Caves Rd. Jackson Ohio**

**Cost: \$35 each for the first 40 campers**

**\$77 each, once the scholarships have been filled.**

**Contact information: Tracy Winters, Gallia County Extension**

**740-446-7007**

**winters.5@osu.edu**



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OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER  
OHIO STATE UNIVERSITY EXTENSION

# Beef and Forage School

Oct 2, 9, 16, 2018 — 5:30 to 8:00 p.m.

Eastern Ag Research Station

Dinner Served from 5:30-6:00 p.m.

Date & Location	Topic	Presenter
October 2 Ag Research Station	<ul style="list-style-type: none"><li>Beef Quality Assurance Certification</li><li>Newborn Calf Care</li></ul>	<ul style="list-style-type: none"><li>Christine Gelley, Mark Landefeld &amp; Clif Little, OSU Extension Educators</li><li>Dr. John Groah</li></ul>
October 9 Ag Research Station	<ul style="list-style-type: none"><li>Cost of Production Key Factors</li><li>Replacement Cost</li></ul>	<ul style="list-style-type: none"><li>Mark Landefeld, Christine Gelley, Clif Little, OSU Extension Educators</li></ul>
October 16 Ag Research Station	<ul style="list-style-type: none"><li>Pasture Water Quality</li><li>Regenerating Pasture, Hay Ground After a Pipeline</li><li>Regenerating Winter Feeding Areas</li></ul>	<ul style="list-style-type: none"><li>Christine Gelley, OSU Extension Educator</li><li>Clif Little, OSU Extension Educator</li><li>Mark Landefeld, OSU Extension Educator</li></ul>



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Sponsored by:

Farm Credit Mid-America of Cambridge; Noble County Cattlemans Association;  
OSU Ag Research and Development Center; OSU Extension Offices in Belmont,  
Guernsey, Monroe, Noble Counties

**Beef School**— One price to come to one or all programs.

Return this section with fee  
required by Sept 24

**Make checks payable**

**& send to:**

OSU Extension  
PO Box 300  
Old Washington, OH 43768

# attending \_\_\_\_\_

@ "\$25 for one or all days"=

TOTAL \$ enclosed \_\_\_\_\_

I/We will be attending:  
(check all that apply)

\_\_\_\_\_ Oct. 2

\_\_\_\_\_ Oct. 9

\_\_\_\_\_ Oct. 16

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

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## **Sept. 15 & Oct. 13 BARNESVILLE FEEDER CALF SALE, INC.**



**Barnesville Area Feeder Calf Association  
Will hold TWO Sales in 2018**

**Saturday, September 15<sup>th</sup> – 10:00 a.m.**

**Saturday, October 13<sup>th</sup> – 10:00 a.m.**

For consigner convenience, calves may be brought to the Barnesville Livestock Sale Barn before each sale date, on Thursday evening from 5:00-9:00 p.m. or Friday from 7:00 a.m. – 5:00 p.m. (*Note: Calves brought in on Thursday's will be penned to receive water and hay, but will be weighed on Friday morning along with all other calves when grading begins.*) Consigners will have the option to sell at one or both sales.

**Note ~~ The minimum sale weight is 275#.**

**Consignment Procedure/Deadlines: --- ALL CONSIGNMENTS MUST BE MADE BY MAIL ONLY!**

First Sale – consignment form must be return to Betty Ward by September 5, 2018.

Second Sale – consignment forms must be returned to Betty Ward by October 6, 2018.

**For sale rules and consignment forms, contact Betty Ward at 740-926-1810.**

*We appreciate your support by consigning calves with us.*

## **Upcoming Beef Quality Assurance Trainings**

- **October 2 at 5:30 PM** as part of Beef School (details on previous page).
- **October 22 at 7 PM** at the Frontier Power Community Room, 770 South 2nd St. Coshocton OH.
- **October 30 at 6:30 PM** at the Marietta High School Auditorium, 208 Davis Ave. Marietta, OH.

Learn more about Beef Quality Assurance at: <http://u.osu.edu/beefteam/bqa/>.

Take the online training at [www.bqa.org](http://www.bqa.org).

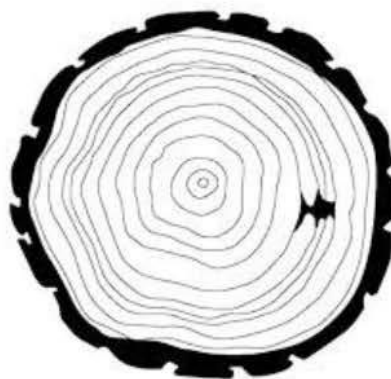


# Post Timber Harvest Workshop

September 18, 2018

5 pm-7 pm

Come learn how to plan for a timber harvest, why you should involve a forester, different harvest methods, timber contracts, best management practices, and timber harvest notice of intent.



This will be held at Olney Friends School property off of Dusty Lane outside of Barnesville off of St. Rt 147. Dress appropriately for the woods.

Please RSVP and for more info contact Liza Butler, Wildlife/Forestry Specialist, at 740-526-0027 or [butlerswcd@att.net](mailto:butlerswcd@att.net).



Olney Friends School



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# **The Dying Tree Checklist**

**By Erika Lyon, Ohio State University Extension Agriculture & Natural Resources Educator**

Thinking your tree might not look as good as it used to? We often take for granted the trees in our landscapes because we assume they will live forever. I was visiting family last week in Iowa, and the first thing I noticed when pulling into the driveway was that the pin oak that had been there well before I was born had turned a vibrant yellow color. A closer look revealed that the leaves had turned yellow but the veins remained a dark green. If you don't know that this is a symptom of a nutrient deficiency, you might think the tree looked great - autumn came early! One of the characteristics of Iowa soils is that they are more alkaline, which ties up iron in the soil and makes it unavailable to the plant – chlorosis is a symptom of a nutrient deficiency. If left unchecked, the tree will die over the course of several years.

Here in eastern Ohio, we do not have alkaline soils but we do have acidic soils, which can allow for other types of nutrient deficiencies to occur. We also have disease and insect pests that can result in trees looking a little less than their best. Below is a checklist for homeowners on the signs and symptoms indicating that your tree may not be in the best of shape:

- Is it an ash tree? If yes, just cut it down. Most of the ash trees in Ohio, thanks to the emerald ash borer, are long gone, and those left standing are safety hazards. Live ash trees still standing are young seedlings that will become infested soon.
- Is flagging occurring? Flagging is the presence of bare branches that appear sticking out of the canopy. There are several factors that can cause this, so take a closer look at what is going on.
- Are the leaves turning colors out of season? This could be oak leaves turning yellow or spruce needles turning brown at the base of the tree.
- Is the tree losing leaves or needles in spring or summer? Or are leaves shriveling? If a tree loses more than a third of its leaves, it will not be able to photosynthesize and get enough food for the winter dormancy period. If there are very few to no leaves in the middle of summer, the tree is likely dead as a door nail. However, it is important to understand your tree's biology – some trees, like weeping cherry, naturally lose their leaves in the summer months.
- Are cankers present? Cankers are caused by pathogens that infect trees. These pathogens can be spread by pruning equipment not cleaned. Make sure to use the proper pruning practices. Otherwise, the tree will not be able to heal, and disease may result.
- Are you noticing sap seeping from the tree or a black, soot-like appearance on the trunk or leaves? This is caused by open wounds, which can promote the growth and development of opportunistic pathogens. Many times these wounds are caused by insects.
- Are there holes in the trunk of the tree? Holes bored into trees are usually caused by beetle larvae munching on the tissues underneath the bark. This is a signal the tree is likely beyond the point of return.
- What about cracks or splits? These can be caused by many factors. Rapid freezing and thawing, wet and dry periods, lightning and high winds can all result in bark splitting. Usually trees can heal from this if rot is not present.

This is by no means a complete list of issues, and specific insects and pathogens that attack trees vary from species to species. Prior to planting, make sure to get your soil tested to know what fertilizers will be needed to improve the site. It is important to select trees that are well adapted to the climate and site conditions when the initial purchase is made.

For example, white oaks should fare well in Ohio upland areas and live for decades, but blue spruces are well adapted for alpine climates, which we do not have. Don't plant trees too close to buildings or concrete – root growth may become restricted with time and shorten the life of the tree. Trees planted in the wrong environment will have shorter lifespans than trees planted in the optimal environment.

Doing the legwork upfront rather than years after planting will allow trees to be happier for a much longer period of time and will save you money and headaches in the future.

## **Sept. 18-20: Farm Science Review- Larger Exhibit Area, Easier Access**



**LONDON, Ohio** — Visitors to the 56th annual Farm Science Review, the premier outdoor agricultural education and industry trade show Sept. 18-20, will walk away with advice they can use to improve their farm operation, large or small.

The exhibit area is now 20 acres larger, and improvements have been made so visitors can better access parking as well as the exhibits and other offerings at the Molly Caren Agricultural Center in London. Farm Science Review is sponsored by the College of Food, Agricultural, and Environmental Sciences (CFAES) at The Ohio State University.

“We think these improvements will make a big difference to visitors,” said Nick Zachrich, Farm Science Review manager.

“With close to 130,000 people coming to the show every year, we want to make it as safe and as easy as possible to enter and exit.”

One improvement involves relocating the “Ride and Drives,” where attendees can test drive farm equipment and vehicles from participating exhibitors. The new location puts these immediately inside the east gates near the Ohio State University Extension Agronomic Crops Team display and the antique tractor clubs. OSU Extension is the outreach arm of CFAES.

Visitors to the annual event are able to peruse 4,000 product lines and over 700 commercial and educational exhibits as well as engage in workshops, presentations and demonstrations delivered by CFAES experts.

“Anyone involved in agriculture, whether you have a backyard garden to feed your family or thousands of acres, will find products, services and knowledge from exhibitors and CFAES experts to improve your operation,” Zachrich said.

Educators, specialists and faculty from CFAES will provide research-based information on issues from pest management to water quality. Field demonstrations will feature the most current technology and agricultural techniques.

Tickets are \$7 online, at OSU Extension county offices and participating agribusinesses, and \$10 at the gate. Children ages 5 and under are free. Details on event hours, buying tickets online and more are on the Review’s website at [fsr.osu.edu](http://fsr.osu.edu).



## **Soil Testing- The Time is Now**

By Marcus McCartney, Ohio State University Extension Agriculture & Natural Resources Educator

It's that time of year again, and I'm not talking about football or the changing of the seasons. It is soil testing time! Right now is the best time to test your soil. According to the former director of West Virginia University's state soil testing laboratory, soil samples taken in late summer and fall are better than those taken in winter through spring because they come closer to representing the soil's nutrient level as it affects plants.

Why test soil? Proper fertility is the foundation for successful crops, gardens, and lawns. Soil testing provides information about the nutrient level of the soil and the amounts of lime and fertilizer needed to maximize production.

To obtain proper lime and fertilizer recommendations for your soil, it is important to send a high quality soil sample to the lab for analysis. The soil sample collected needs to be representative of the area being tested. For small areas and lawns, take 7 to 10 randomly selected soil borings. For a large field, subdivide into 10 acre plots and take 20 – 30 borings for each 10 acre plot. Avoid taking borings from abnormal areas (wet spots, bare spots, eroded areas, etc.); for it will not be representative of the sampling area.

Most OSU extension offices have a soil probe to loan out so call ahead to check the availability of the probe – it really makes taking a soil boring much easier and quicker. Using an auger, shovel, spade, or soil probe and a clean plastic pail or container, remove vegetation and take small uniform cores or thin slices from the soil surface to the recommended depth (contact OSU Extension office for depth recommendation).

Mix the borings together by gently crushing the soil. Discard any roots, stones or any other organic matter; like grass, leaves, worms, etc. Then take a sample of all the mixed borings; about one cup of soil. A wet soil sample must be air-dried in a shady clean spot before mailing. Never heat the sample or put it in direct sunlight.

Place the sample into a plastic zip-lock bag and label it. Lastly, deliver the soil sample to a soil testing service center or the local extension office. Allow up to three weeks for the samples to be processed and results made available. The soil sample results will make recommendations on how much lime and fertilizer to add. Just remember, lime is typically added in the fall and fertilizer is typically added in the season it is needed.

For more information about soil testing, please contact your local OSU Extension office or click the link to OSU's factsheet, "Soil Testing for Ohio Lawns, Landscapes, Fruit Crops, and Vegetable Gardens":

<http://ohioline.osu.edu/factsheet/hyg-1132>

## **September 21: Pond Clinic in Guernsey County**

Guernsey County Extension will host a pond clinic on Friday, September 21. Details will be made available soon. Call Clif Little at 740-489-5300 to learn more.



## Neighboring County Prospective Master Gardeners Welcome!

Interested in becoming a Master Gardener Volunteer, but unable to find a local class? Inquire about this one! You may be able to join a class in a neighboring county to meet the requirements.

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Jefferson & Harrison

# MASTER GARDENER VOLUNTEERS

The Ohio State University Extension offices in Jefferson and Harrison Counties are currently accepting new applications for the Master Gardener Volunteer training program for residents of both counties. Master Gardener Volunteers in Ohio contributed over 180,000 hours of service in 2015 and offer assistance with home horticultural questions, pest identification, school programs, demonstrations, research, and continuing education programs.

Training sessions will begin in October and continue into November. Participants interested in receiving the 50 hour intensive training will learn about basic botany, plant physiology, soils, entomology, plant pathology, plant diagnostics, integrated pest management, pesticide use and safety, lawn care, home vegetable and fruit production, backyard wildlife management and much more! Working with county Ohio State Extension personnel, Master Gardener Volunteers provide educational services to their communities. If you are a garden enthusiast, this is a great opportunity to share your gardening know-how and skills with others in your community.

**TUESDAYS,  
October 2<sup>nd</sup> –  
November 13<sup>th</sup>  
8AM-3PM**

*Cost of the program is \$100, part of which includes a Master Gardener Training Manual and a name badge.*

*Participants can choose to purchase supplemental reference books and materials for an additional \$125.*

*Deadline for registration is August 15<sup>th</sup>. Interviews will be held the first week of September.*

Call 740-264-2212 or send an email to [lyon.194@osu.edu](mailto:lyon.194@osu.edu) for more information.



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[jefferson.osu.edu](http://jefferson.osu.edu)

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