

# Auglaize County ANR

News from OSU Extension

December 23 2022



## Winter Oak Care

Authors Thomas deHaas and Amy Stone, Edited by Jamie Hampton

Now that winter has arrived, here's another thing to add to your cold weather to-do list; Pruning your Oaks. We have passed the time of year where Oaks are actively growing and they are now dormant. Typically, the recommendation to not prune is April 15 through October 15. Now that Oak trees are dormant, it is a perfect time to prune. In addition, many

Arborists tend to have more availability at this time of year. Exceptions to only pruning in winter would be storm damage (ice or wind) and hazardous conditions of trees that can harm people or property. This is when an arborist's workload can really increase. A professional arborist will follow procedures to reduce the transmission of oak wilt. The

primary protection is dormant pruning between November 1 and April 1. Pruning can include removing suckers, cleaning out the interior, removing low growing branches, and dead wood. If you have an oak that is already completely dead, you want to remove it if it presents a hazard to people or structures. You can read the full article [HERE](#)

# Winter Needs of Livestock

Author Steve Boyles, Edited by Jamie Hampton

Steve Boyles wrote an article last year concerning the effects on cold stress with beef cows; with the predicted weather I felt it was a good time to revisit that information. According to Steve, factors that create stress during the winter months are cold, wind, snow, rain, and mud. The primary effect on animals is due to temperature. All these factors alter the maintenance energy requirement of livestock. Maintenance requirement can be defined, as the nutrients required for keeping an animal in a state of balance so that body substance is neither gained nor lost. An interesting thing to note is that while energy requirements increase, protein requirements remain the same. In most cases hay and stockpiled forages can adequately provide the needed nutrients, but forage quality can vary widely and should be tested to make sure it is adequate for the nutritional expectation. Make sure that water is available.



*“The metabolic response to the stimulus of cold involves practically all the systems of the body.”*

If water is not supplied, cattle will reduce feed intake. Snow is preferred over rain, due to the insulation value of the air pockets in the cattle's coat they can maintain heat even with a layer of snow on their backs. With a wet coat the critical temperature for cattle can go from 32 degrees to about 60 degrees. What does this mean? Well, the farther below the critical temperature the more energy is required. when the

temperature drops below the critical temperature the cattle need to be fed better. It may be that they need more or better hay. For example, if it is -10 degrees, a typical cow will need 40% extra TDN, an extra 7-8 lbs of hay and 4-6 extra lbs of grain. These calculations are based on cattle that are not sheltered. Therefore, wind chill temperatures are used. For Steve's full article click [HERE](#)

“Should I assume  
you're cold,  
Small Predator?”



## Blanketing Horses, Sometimes.

from [www.totalequinevets.com](http://www.totalequinevets.com), Edited by Jamie Hampton

Horses normally do not need to be blanketed in the cold of winter, their hind gut works like a built-in furnace, however with wind and rain coming before this storm it is good to remember horses also need to have plenty of water and hay. The question of blanketing is something that is normally brought up this time of year, under normal conditions, healthy horses do not need blankets, there are exceptions to this. Wind and rain is one of them. Wind and rain can cause horses in good body condition with no health concerns to become cold, therefore a blanket would be beneficial. Horses that are elderly, thin, sick, have no shelter or recently moved to a colder climate may need a blanket to help keep warm during normal winter weather conditions. For more information on blanketing click [HERE](#).



# Don't forget the Tractor!

Winter maintenance and preparation from a winter storm

From NDSU Extension, Edited by Jamie Hampton

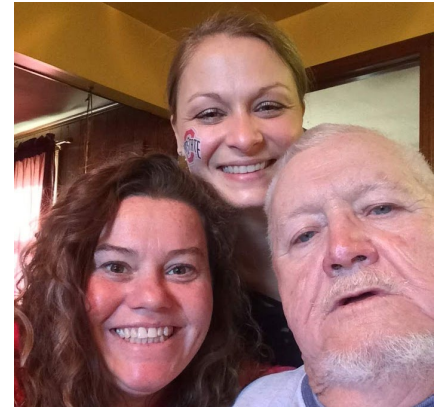


Our livestock is not the only thing that may need a little extra TLC with a winter storm on the horizon. Check your tractors! Check your diesel to see if it is rated for wintertime, summer diesel blends have paraffin wax in their mix, it will become solid in the winter and can clog lines and filters. This is normally referred to as gelling-up. Some things to do to be sure your tractor is ready when you need it is to use winter grade diesel, keep emergency diesel fuel additives on hand, as well as replacement filters just in case your tractor does gel up. Always have at least half a tank of fuel in your tractor to prevent fuel line freeze up. With preparation for a winter storm, you may want to go ahead and fill up the tractor, most farm tanks are run on electric pumps and it will be difficult to access that fuel if there is a power outage. Having your tractor plugged in to a 110-volt block heater

can be very critical to your tractor starting in very cold conditions. A block heater warms the engine block of the tractor during cold temperatures so that the tractor's engine will start. The tractor's age, make and model will dictate how long to plug in the tractor's block heater in order for the tractor to start. Newer model tractors may also have glow plugs, a heating device that aids in starting the tractor's engine. If you are not familiar with your tractors plug in capabilities, you can call your local implement dealer or mechanic to get some advice, your user's manual may also have helpful information. You should also check your tractors antifreeze to be sure it can withstand subzero temperatures. For more information read the full article [HERE](#)

## Winter Kindness in the Giving Season

Jamie Hampton



Nothing says "I care" like acts of kindness, as we move into the holiday season and winter storms there are a few things you can do for your neighbors and that find the season a little less bright.

- Touch base with folks before and after a storm to ask if they need any assistance, make sure they have warm blankets and any medications that they may need.
- Check to see if they have a functional heat source
- Ask how they are doing, sometimes our neighbors get lonely and just need someone to talk to.
- Share a meal or invite them to your holiday gatherings.
- Clear their drive and walkway, check handrails and stairs for ice.
- Offer to go to the store for them
- Exchange phone numbers so that you can check up during the storm or they can call if they need assistance.

Kindness is the most wonderful gift we can give to those around us.

I thank you for all your kindness and friendship! Have a blessed Holiday season and I look forward to the coming year as your ANR Extension Educator.



# Community in an Image

By Krista Winter Auglaize County Office Associate

Friends - We need your help!

We would like to put together a photo mosaic similar the one below.

The overall picture would be agriculture focused, specific to Auglaize County.

What we need from you is all the small pictures that make up our big picture!

We would love for each photo to be based around agriculture life. Your loved ones, farm, combines, fields, pets, barns, produce, flowers, bees etc. If it's special to you and our community, we would love the opportunity to feature it!

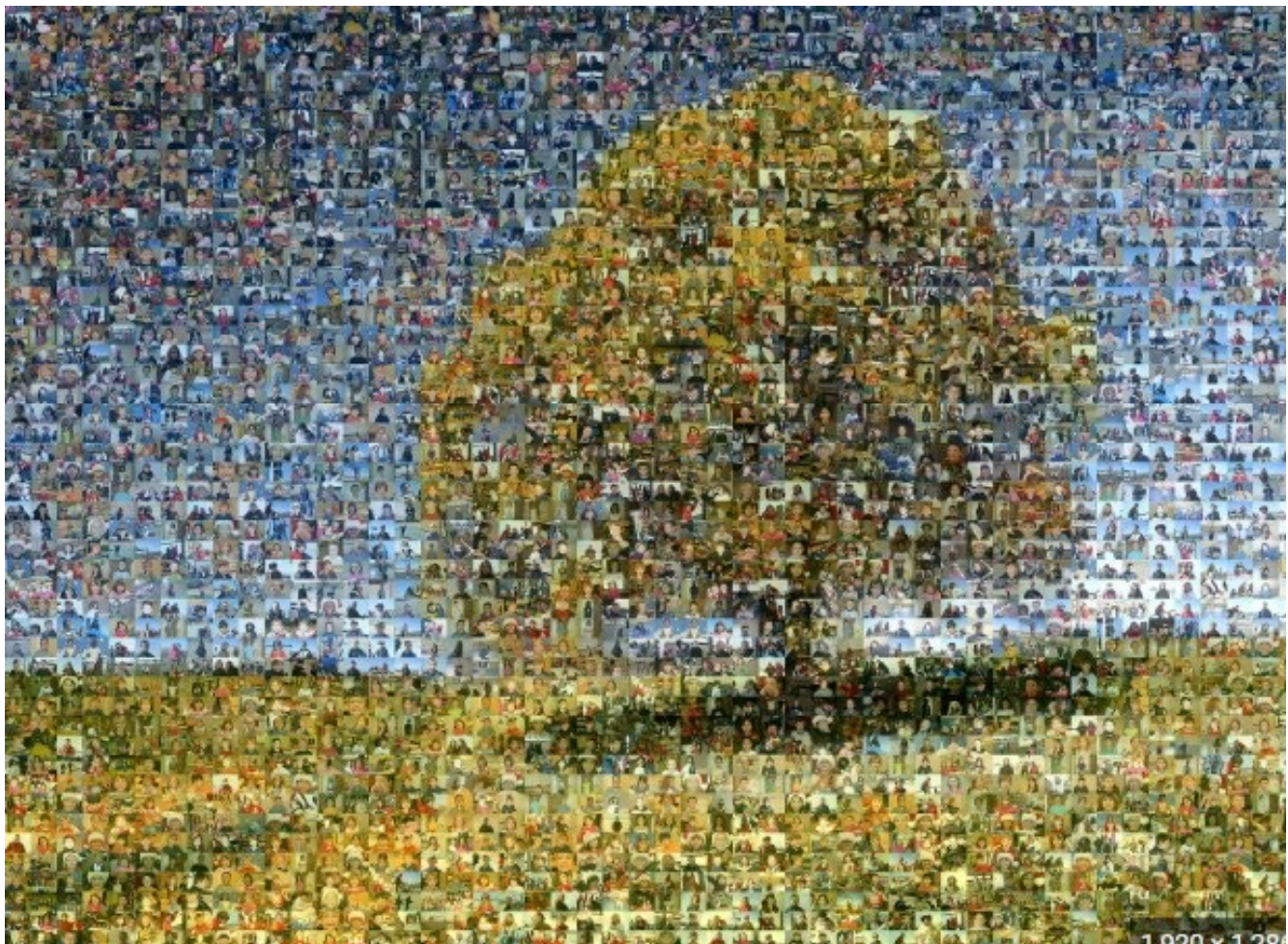
This will be used in some of our programming flyers, and if we are successful, I would love to have a copy framed for our office to honor the 175<sup>th</sup> anniversary of our county.

We are so proud to be part of Auglaize County and share in this rich agriculture area and highlight how important each one of you are to our success.

Feel free to message us those photos, send them on Facebook , or e-mail them to

[winter.204@osu.edu](mailto:winter.204@osu.edu)

Together, we can make something beautiful!





# Virtual programs and workshops are right around the corner.



**CFAES**

## SOIL HEALTH 2023 WEBINAR SERIES

Register at  
[go.osu.edu/soilhealthweb](https://go.osu.edu/soilhealthweb)

*Precipitation & Management and their Effect on Soil Health* – Dr. Peter Tomlinson, Kansas State University  
**January 5, 8:00 AM**  
Examine the influence of precipitation and management including cover crops on soil health.



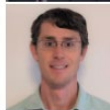
*Know your Biologicals and What They Can (or Cannot) Do for You* – Dr. Mark Licht, Iowa State University  
**February 2, 8:00 AM**  
Separate fact from fiction and learn about the types and potential applications of biological crop inputs



*Intercropping & Soil Health* – Lucas Criswell, No-till Producer  
**March 2, 8:00 AM**  
Interested in relay cropping on your farm? Lucas Criswell will share his experience with relay cropping on his family's operation in Lewisburg, PA



*Soil Health & Water Quality* – Dr. Vinayak Shedekar, The Ohio State University & Dr. Will Osterholz, USDA-ARS  
**March 30, 8:00 AM**  
Learn more about the impacts of cover crops and no till systems on Ohio water quality



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## Beef Quality Assurance

**Adult & Youth**  
**January 14 - 9 a.m. to 1 p.m.**

**Arcanum High School Cafetorium**  
**2011 Trojan Ave, Arcanum**

**Agenda**  
**9 am: Lyda Garcia OSU Extension Fresh Meat Specialist**  
**10 am: Bill Miller Feedlot Nutritionist, Feedlot Bill LLC**  
**11 am: Taylor Dill- BQA**  
**12:30 pm: Lunch**

Register by January 10

Free: Darke County Youth and Darke County Cattlemens Members  
 \$10: Adult non members  
 \$5: Out of county youth

**Lunch will be provided**

For more information or to register, contact  
 Taylor Dill  
 937-548-5215 or  
 email [dill.138@osu.edu](mailto:dill.138@osu.edu)

**THE OHIO STATE UNIVERSITY**  
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Darke County  
[darke.osu.edu](https://darke.osu.edu)

## 2023 OSU Beef Team Virtual Beef School - Wednesday Evenings 6:30p.m.

**January 11**

### Beef Inputs and Outlook

**A Look at Input Costs**  
Barry Ward, OSU Extension  
**Cattle Market Outlook**  
Garth Ruff, OSU Extension

**March 8**

### Herd Health Management and Update

**Asian Longhorn Tick and Theileria**  
Dr. Risa Pesepane, OSU Vet Preventative Medicine  
**Managing Disease in 2023**  
Dr. Justin Kieffer DVM, OSU Animal Sciences

**February 8**

### Managing Reproduction

**Presynchronization and Improving Fertility of Beef Cows**  
Alex Crist, OSU Animal Sciences  
**Synchronization and Natural Service**  
Dean Kreager, OSU Extension

**April 12**

### Beef Team Live Roundtable

Ask Questions and Discuss Answers with  
OSU Extension Beef Team Members

Register at: [go.osu.edu/beefschool23](https://go.osu.edu/beefschool23)  
 Details about all winter beef programs at [beef.osu.edu](https://beef.osu.edu)  
 One Registration Link for all 4 Sessions - Contact: Garth Ruff, [ruff.72@osu.edu](mailto:ruff.72@osu.edu)

**CFAES**

**Wednesday**  
**January**  
**11**

**1:00 p.m.–4:00 p.m.**

**Location:**

209 South Blackhoof Street,  
Wapakoneta Ohio 45895

**Cost:**

\$35.00, includes Applying  
Pesticides Correctly, Core  
Student study guide and  
workbook and one category  
**This does NOT cover ODA  
fees.**

**Contact:**

Auglaize County Extension  
Office  
419-910-6050

**Register by**  
**January 9, 2023**

**[www.auglaize.osu.edu](http://www.auglaize.osu.edu)**

# New Pesticide Applicator Training

Join Auglaize County OSU Extension for a New Pesticide Applicator Training course. This program is designed to help new pesticide applicators prepare for the Ohio Private Pesticide Applicator License. We will provide instruction in CORE, Grain and Cereal Crops.

RSVP to the Auglaize County Extension Office at 419-910-6050 by January 9. Seating is limited, no walk-ins are available.



Name: \_\_\_\_\_ County: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone Number \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ email: \_\_\_\_\_

**Category: (Choose One)**

Category 1 Grains and Cereal Crops

Category 2 Forages and livestock

Category 3 Fruits and Vegetables

Category 4 Nursery and Forest Crops

Category 5 Greenhouse Crops

Category 6 Fumigation

**Mail Registration form and fee to:** Auglaize County Extension Office, 208 S. Blackhoof Street, Wapakoneta Ohio 45895

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**CFAES**

Tuesday  
**February**  
**07**

1:00 p.m.–4:00 p.m.

**Location:**

209 S. Blackhoof St.,  
Wapakoneta Ohio 45895

**Cost:**

\$35.00, includes study  
materials. **This does NOT**  
cover ODA fees.

**RSVP:**

419-910-6050

**Register by**  
**February 3, 2023**

**[www.auglaize.osu.edu](http://www.auglaize.osu.edu)**

# New Fertilizer Applicator Training

Auglaize County Extension is offering the 3-hour Fertilizer Applicator Certification Course on February 7th, from 12:00 pm to 3:00 pm at the Auglaize County Administration Building.

RSVP to the Auglaize County Extension Office at 419-910-6050 by February 3<sup>rd</sup>, space is limited. The cost is \$35.00 and can be dropped off to the extension office prior to the class.



Name: \_\_\_\_\_ County: \_\_\_\_\_

Address: \_\_\_\_\_ City \_\_\_\_\_ ZIP \_\_\_\_\_

Phone Number \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ email \_\_\_\_\_

**Mail Registration form and fee to:** Auglaize County Extension Office, 208 S. Blackhoof Street,  
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**CFAES**

Thursday  
March  
**23**

5:00 p.m.–9:00 p.m.

**Location:**

209 S. Blackhoof St.,  
Wapakoneta Ohio  
45895

**Cost:**

\$35.00, includes  
updated applicator  
guide. This does NOT  
include ODA fees.

**RSVP:**

419-910-6050 or by mail  
to the Auglaize County  
Extension Office.

# Auglaize County Pesticide and Fertilizer Recertification Training

Auglaize County Extension will be hosting Pesticide and Fertilizer Recertification Training on Thursday March 23<sup>rd</sup>, from 5:00 pm to 9:00 pm. At the Auglaize County Administration Building.

RSVP to the Auglaize County Extension Office at 419-910-6050 or by mail by March 20<sup>th</sup>, Space is limited. The cost is \$35.00 and can be dropped off or mailed into the extension office.



## Pesticide and Fertilizer Recertification Training for March 23<sup>rd</sup>, 2023

Name: \_\_\_\_\_ County: \_\_\_\_\_

Address: \_\_\_\_\_ City \_\_\_\_\_ ZIP \_\_\_\_\_

Phone Number \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ email \_\_\_\_\_

**Mail Registration form and fee to:** Auglaize County Extension Office, 208 S. Blackhoof Street,  
Wapakoneta Ohio 45895

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# January Events



## **Auglaize County Events:**

- January 2<sup>nd</sup>, Office will be closed
- January 5<sup>th</sup>, Soil Health Webinar
- January 11<sup>th</sup>, New Pesticide Applicator Training
- January 13<sup>th</sup>, Cover Crop Roundtable Discussion at Happy Daz in Wapakoneta at 8:30 am.
- January 18<sup>th</sup>, Western Ohio Dairy Luncheon at Speedway Lanes in New Bremen, lunch at 11:00, Presentation at 12.
- January 26<sup>th</sup>, New Fertilizer Applicator Training at Speedway Lanes in New Bremen, Contact Ryan McMichael to register

## **Nearby Happenings:**

- January 17<sup>th</sup>, Mercer County Pesticide and Fertilizer Recertification , Contact Ryan McMichael at [mcmichael.33@osu.edu](mailto:mcmichael.33@osu.edu)
- January 23<sup>rd</sup>, West Ohio Agronomy Day, contact Matt Schmerge to register at [Schmerge.1@osu.edu](mailto:Schmerge.1@osu.edu)
- January 25<sup>th</sup>, New Pesticide Applicator Class in Mercer County, Contact Ryan McMichael to register
- January 31<sup>st</sup>, Shelby County Pesticide and Fertilizer Recertification Training, Contact Matt Schmerge to register



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EXTENSION

### **OSU Extension Auglaize County**

Jamie Hampton ANR Extension Educator

208 Blackhoof Street

Wapakoneta, Ohio 45895

[Hampton.297@osu.edu](mailto:Hampton.297@osu.edu)

419-910-6062