

# *Cooperative* **CONNECTION**

Covering county news and events for Extension programs, including  
Agriculture & Natural Resources and 4-H Youth Development

**NOVEMBER - DECEMBER 2022**

## **OHIO'S BEGINNING FARMER INCOME TAX CREDITS**

By: Peggy Kirk

The idea to use income tax incentives to help Ohio's beginning farmers gain access to agricultural assets has floated around the Ohio General Assembly for several years. That idea became a reality when Ohio's Beginning Farmer Bill, House Bill 95, became effective July 18, 2022. (continued on page 4)



## **JEFFERSON COUNTY 4-H ADVISORS APPRECIATION BANQUET**

**SMITHFIELD** — The 2022 Jefferson County 4-H Advisers Appreciation Banquet held Oct. 10 at Le Chateau Pier in Smithfield honored supporters of the youth development program impacting about 450 local children and 4-Hers for their achievements. (Janice Kiaski, *The Herald Star*, October 22, 2022)



Photo Credits to Janice Kiaski





## KEEP IN MIND SOIL TEST K AND pH ARE AFFECTED BY LOW SOIL MOISTURE

*Original article by Jim Cambarato, Soil Fertility Specialist, Purdue University (prev. published in the CORN Newsletter)*

Will dry soils impact soil test values for 2022 fall soil testing? Jim Cambarato, Soil Fertility Specialist at Purdue University, did an excellent article on this question. In case you missed it, we are reprinting Jim's article.

### SUMMARY

Sample to the proper depth and retain the whole soil core to get a representative soil sample.

Sampling fields that have been dry since the crop reached maturity may have low soil test potassium (K) levels because K still remains in the crop residues and/or low soil moisture caused 2:1 clays to trap some of the potentially available K in soils that are adequate or higher in K.

Soil pH may also be lower than expected if low soil moisture limited the reaction of limestone applied in the spring.

Soil pH determined in water may also be lower than expected if more than the usual amounts of fertilizer salts remain in the sample. Some laboratories avoid this issue by determining soil pH in a salt solution, rather than water, and convert the results to a 'salt-free' water pH. Check with the laboratory to determine which method they use to decide whether soil pH was likely affected by the dry soil conditions.

### INTRODUCTION

The accurate analysis of representative soil samples to determine lime and fertilizer needs is fundamental to crop production. Dry soils are hard soils, so be sure to sample the full 8" depth, otherwise soil test results will be higher than actual values. The opposite will occur if surface soil is lost from the sample core. When soils are excessively dry it

is more difficult to keep the entire core in the probe with the surface soil likely to fall out of the probe. In most soils the highest pH and nutrient values are in the upper inches of soil, so if this soil does not make it into the sampling bucket soil test values will be lower than actual values.

Unfortunately, even if soil sampling is accurate persistent dry weather resulting in prolonged periods of low soil moisture can affect soil test potassium (K) and pH, resulting in misleading soil test values. Dry weather soil tests can still be useful if one understands the potential impact of low soil moisture on soil test K and pH and uses this knowledge to adjust the interpretation of soil test results.

### SOIL TEST POTASSIUM

Typically soil test K levels are lower than expected in a dry fall. One factor contributing to low soil test K is more than half of the K taken up by the crop during the growing season remains in the residue and has not been returned to the soil by rainfall. Soybean and corn tissues at harvest contain about 80 pounds K<sub>2</sub>O per acre at grain yields of 60 and 200 bushels per acre, respectively (Table 1). Tissue K is returned to the soil as plant tissue decays and falls to the ground and as rainfall leaches the K out of this tissue and the standing crop. Research conducted in Iowa showed that most of the K in soybean tissue is removed from the residues with 5-10 inches of rainfall, and only 12% of the original K content remained after 20 inches of rainfall (an amount typical of an Indiana fall and winter). In contrast, K removal from corn residues was much slower and less complete – 10 to 15 inches of





## SOIL TESTING continued...

rainfall were needed to remove approximately 50% of the original tissue K content, and 31% of the K in corn tissue at physiological maturity still remained in the tissue after 20 inches of rainfall. In the Iowa study every 10 pounds of K<sub>2</sub>O per acre returned to the soil increased soil test 4 parts per million (8 pounds per acre). Therefore, the difference in soil test K in a dry fall could be approximately 32 parts per million (64 pounds per acre) if all the tissue K at maturity remained in the residues of 60 and 200 bushel per acre soybean and corn crops.

Table 1. Approximate potassium (K <sub>2</sub> O) content of soybean and corn grain and tissue at maturity <sup>1</sup> .				
	Soybean	Soybean (60 bu/a)	Corn	Corn (200 bu/a)
Crop	lb K <sub>2</sub> O/bu	lb K <sub>2</sub> O/a	lb K <sub>2</sub> O/bu	lb K <sub>2</sub> O/a
Grain	1.15	69	0.20	40
Residue	1.4	84	0.4	80

In addition to dry weather reducing the return of K in plant tissue to the soil, the availability of soil K as measured by soil test methods is also affected by low soil moisture. Most Indiana soils contain 2:1 clays that vary in soil test K with soil moisture. When field moist soil high in K is dried for analysis, soil test K decreases. In contrast, when soil testing low in K is dried, an increase in soil test K occurs. If persistent dry conditions continue prior to soil sampling, K availability will likely be overestimated in low testing soils and underestimated in high testing soils. In Indiana topsoils the change in soil test K with drying has been approximately ±15% at the highest and lowest soil test K levels examined.

### SOIL pH

Low soil moisture can also affect soil pH. If soil moisture has been insufficient for normal amounts of limestone reaction in soils limed this past spring, then soil pH may be lower than expected. The limestone remains in the soil, however, and with good winter moisture it will react and continue to increase soil pH.

Additionally, soil pH measured in water can also be affected by dry soil conditions. If higher than normal levels of fertilizer salts remain in the soil sample due to dry weather, then the pH reading may be about 0.1 to 0.5 pH units lower than the actual pH. This is an artifact of how pH is measured and occurs only if the measurement is made in water. Some soil testing laboratories avoid this problem by measuring soil pH in a salt solution and then calculate what the pH would have been if measured in water, without the influence of salt. Ask the soil testing laboratory what method they use to determine if a low pH measurement may just be an artifact of excess salts remaining in the sample or if it may actually be low.

### REFERENCES

- 1.1 These publications were used to determine the values in Table 1:
  - Culman, S., A. Fulford, J. Camberato, and K. Steinke. Tri-State Fertilizer Recommendations for Corn, Soybean, Wheat, and Alfalfa. (2020) Bulletin 974. <https://ag.purdue.edu/agry/soilfertility/Documents/Tri-State%20Fertilizer%20Recommendations.pdf>
  - Mallarino, A.P., J.E. Sawyer, and S.K. Barnhart. 2013. A General Guide for Crop Nutrient and Limestone Recommendations in Iowa. Iowa State Univ. Extension and Outreach. PM 1688, Revised October 2013.
  - Bender, R.R., J.W. Haegerle, M.L. Ruffo, and F.E. Below. 2013. Nutrient Uptake, Partitioning, and Remobilization in Modern, Transgenic Insect-Protected Maize Hybrids. *Agronomy Journal* 105:161-170.
  - Bender, R.R., J.W. Haegerle, and F.E. Below. 2015. Nutrient Uptake, Partitioning, and Remobilization in Modern Soybean Varieties. *Agronomy Journal* 107:563-573.
  - Ciampitti, I.A., and T.J. Vyn. 2014. Nitrogen Use Efficiency for Old versus Modern Corn Hybrids. *Better Crops* 98(4):19-21.
  - 2 A.P. Mallarino and R.R. Oltmans. 2014. Potassium Management, Soil Testing and Crop Response. North Central Extension-Industry Soil Fertility Conference. 2014. 30:45-52.

### Crop Observation and Recommendation Network

C.O.R.N. Newsletter is a summary of crop observations, related information, and appropriate recommendations for Ohio crop producers and industry. C.O.R.N. Newsletter is produced by the Ohio State University Extension Agronomy Team, state specialists at The Ohio State University and the Ohio Agricultural Research and Development Center (OARDC). C.O.R.N. Newsletter questions are directed to Extension and OARDC state specialists and associates at Ohio State.



# OHIO'S BEGINNING FARMER INCOME TAX CREDITS

by Peggy Kirk Hall, Associate Professor, OSU Extension Agricultural & Resource Law Program

The idea to use income tax incentives to help Ohio's beginning farmers gain access to agricultural assets has floated around the Ohio General Assembly for several years. That idea became a reality when Ohio's Beginning Farmer Bill, House Bill 95, became effective on July 18, 2022. A bi-partisan effort by Rep. Susan Manchester (R-Waynesfield) and Rep. Mary Lightbody (D-Columbus), the law is now in the hands of the Ohio Department of Agriculture (ODA), who is charged with implementing its provisions. ODA expects the new program to be available in 2023.

The Beginning Farmer law has four parts: a process for certifying "beginning farmers," establishment of financial management programs for beginning farmers, income tax credits for certified beginning farmers, and income tax credits and those who sell or lease assets to certified beginning farmers. Note that the law has a "sunset date" of January 1, 2028, and limits total income tax credits granted to \$10 million. Here's a summary of each part of the new law.

**1. Certification of beginning farmers.** The law charges ODA with the task of certifying individuals as "beginning farmers." Initial eligibility criteria for beginning farmers are listed in the law, but the law also grants ODA authority to create additional requirements and to seek participation from Ohio State and Central State in the certification process. The law states that to become certified as a beginning farmer, an individual must meet these minimum requirements:

- Resident of Ohio.
- Seeking entry to or has entered farming within the last 10 years.
- Farming or intending to farm on land in Ohio.
- Is not a partner, member, shareholder, or trustee of the assets the individual is seeking to purchase or rent.
- Has a total net worth of less than \$800,000 in 2021, including spouse and dependent assets, as adjusted for inflation each year.
- Provides majority of daily physical labor and management of the farm.
- Has adequate farming experience or knowledge in the type of farming for which seeking assistance.
- Submits projected earnings statements and demonstrates profit potential.
- Demonstrates farming will be a significant source of income for the individual.
- Participates in a financial management program approved by ODA.

Information about how an individual can apply for the beginning farmer certification is expected from ODA as the agency finalizes its plans for implementing the certification process.

**2. Financial management programs for beginning farmers.** Certification as a beginning farmer requires that an individual has participated in a financial management program that has been approved by ODA. The purpose of this provision is to help beginning farmers secure the financial management skills necessary for future success. The law requires ODA to establish a procedure for certifying the educational programs individuals can take to meet the certification requirement and allows ODA to also include substantially equivalent financial management programs already approved by USDA.

ODA must also publicize the certified programs on its website, so that individuals will know which programs qualify for the certification. ODA is currently developing its procedures for approving financial management programs and will maintain a list of the approved programs on the ODA website.

**3. Income tax credits for certified beginning farmer education.** The law allows certified beginning farmers to apply for an income tax credit for the cost of participating in an approved financial management educational program. The tax credit will equal the program cost incurred during the calendar year. It is a nonrefundable tax credit, and if it exceeds the beginning farmer's tax liability in the year granted, may carry forward for not more than three succeeding tax years.

**4. Income tax credits for owners who sell or rent assets to certified beginning farmers.** The new law encourages owners of "agricultural assets" to sell or rent those assets to certified beginning farmers. An owner who does so during the calendar year or in either of the two preceding calendar years may apply for an income tax credit. There are several important components to this income tax provision:

- The tax credit will be 3.99% of the sale price or gross rental income received during a calendar year for a cash or share rental agreement.
- "Agricultural assets" are those used for agricultural production in Ohio, including land (at least 10 acres in agricultural production or earning \$2500 in average annual gross income from agricultural production if under 10 acres), livestock, facilities, buildings, and machinery.
- The owner of an agricultural asset cannot be an equipment dealer or an entity in the business of selling assets for profit.
- The certified beginning farmer cannot be a partner, member, shareholder, or trustee with the owner of the assets received.
- Rented assets must be rented at prevailing community rates, as determined by ODA in consultation with Ohio's tax commissioner.
- The tax credit is nonrefundable but may be carried forward for seven succeeding tax years if it exceeds the owner's tax liability.

**Time to plan.** As we await the final guidance from ODA on how to become certified and apply for the income tax credits in 2023, now is the time for planning. Since this is a limited program, the \$10 million in available tax credits might go quickly and proper timing could be essential. You may need to identify a beginning farmer now who fits the criteria or an owner who wants to sell or rent assets. Review the law with an attorney and accountant, being aware of timing and financial incentives. Although the 3.99% tax credit for those transfers may not sound significant, run the numbers and see how they could play out. The hope of the new law is that those numbers will be enough to help a beginning farmer gain access to the assets that are critical to farming in Ohio.

The new Beginning Farmer law is in Ohio Revised Code Section 901.61, available online at <https://codes.ohio.gov/ohio-revised-code/section-901.61>



# SHOULD I STAKE MY TREES FOR WINTER? IT DEPENDS...

by Tom DeHaas, OSU Extension, Erie County

The fall winds are blowing, and winter is just around the corner. The question arises on whether a gardener should stake their trees for winter? There are several things to consider.

Newly planted trees are good candidates for staking. Recently, we moved from Lake County, Ohio to Ottawa County, Ohio. I installed several new trees in my landscape and quickly realized a whole new set of challenges regarding wind and staking.

Our present location in Ottawa County is much flatter, with open expanses of farmland, and in close proximity to Lake Erie. It is not uncommon to have sustained 40-50 mile per hour winds with gusts approaching 70 MPH. Lake County featured elevation changes, greater tree canopy, a high concentration of houses, and in general, less intense winds.

So, let's get to the question: "Should I stake my trees?"

Newly planted trees can benefit from staking. Typically, trees can be purchased in the fall 3 different ways; container, balled-and-burlap, and bare root.

Container grown trees are typically grow in a soilless media and develop a fairly substantial root system within the container. This root mass can help stabilize the tree and may require less support from staking. But it is always a good idea to consider some support for a newly planted tree.

The second way trees are sold is balled-and-burlap. The tree is planted and grown in a field, and when harvested, has a root ball of soil and roots, typically 11 to 12 inches per one inch caliper of the tree. Similar to container grown trees, B and B trees, because of the root ball, tend to endure higher wind pressure, but still benefit from staking.

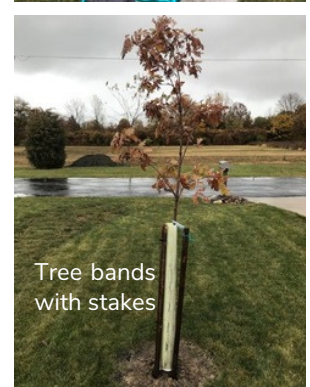
The third type of tree to be transplanted is bare root. This transplant has no soil around the roots, just the fibrous root system. Bare root trees are typically less expensive but require more care in planting, watering, and staking. Some bare root transplants are short and branched low to the ground like Chincapin oak and white pine.

Trees that are less than 3 feet as bare root may not need to be staked. Several examples include the Japanese Perrotia, Paperbark Maple, or Norway Spruce.

Taller deciduous trees 3-5 feet will need at least a single bamboo stake for support. Larger trees over 5 feet will definitely need staking either a single diagonal stake, or 2 stakes with guy wires attached to a piece of rubber tubing to prevent gouging or damage to the tree trunk tissue.

Another technique is 2 vertical stakes with wires on both sides. A third method is the use of tree bands with stakes as shown on this white oak below. So, what happens when you don't stake newly planted trees? They can take on a bending, wind blown look.

Newly planted trees can benefit from staking. Established trees are typically ok unless they are uprooted by wind and rain. So get out there and stake before the snow flies!







## THE THRIVING FARMER

information to help farmers and their families  
make healthful choices

### A MINOR BUT MIGHTY KITCHEN RENOVATION

by Joseph Maiorano, OSU Extension Harrison County

Before you click on that X in the top corner, please know this renovation requires only a calculator—no power tools, paint supplies, or new appliances. The goal is to help you identify, purchase, and ultimately eat more healthful food than you currently may be eating.

Is it time for a renovation? Let's see: Might you like to be healthier as you age? Better manage your weight? Lower your blood pressure? Reduce your risk of heart disease, diabetes, and some cancers? If you answered yes to any of those questions, then let's get to work.

#### CARBOHYDRATE-TO-DIETARY FIBER RATIO

Dietary fiber, one element of a carbohydrate, is the indigestible part of plant foods. Fiber helps to prevent or relieve constipation; maintain a healthy weight and lower your risk of diabetes, heart disease and some types of cancer (Dietary Fiber, 2021). The American Heart Association (Lloyd-Jones et al., 2010) recommends choosing carbohydrate-rich foods that have at least one gram of fiber for every ten grams of total carbohydrate. In other words, a carbohydrate: fiber ratio  $\leq 10:1$ .

#### GRAB A CALCULATOR

First, take a container of food from a shelf and find the Nutrition Facts label. Then, in the Amounts Per Serving section, find Total Carbohydrates (grams) and Dietary Fiber (grams). Next, divide the grams of total carbohydrates by the grams of dietary fiber. More healthful foods will have a quotient of 10, or less. For example, a box of breakfast cereal may have 31 grams of Total Carbohydrates and 2 grams of Dietary Fiber— $31 \div 2 = 15.5$ . 15.5 is greater than 10, i.e., a less-healthful cereal

choice. How about a box of old-fashioned oats? Total Carbohydrates, 27 grams, divided by 4 grams of Dietary Fiber = 6.75, an amount below 10, so a more-healthful choice. If you can't find the Nutrition Facts, then search online. For example, enter "Broccoli nutrition facts," and your browser will show you that this vegetable has 10 grams Total Carbohydrate and 3 grams Dietary Fiber ( $10 \div 3 = 3.33$ ). What do you think, a healthy choice?

N.B. I have not said "Do not buy, store, or eat foods with a 10+ carbohydrate: dietary fiber ratio." Nevertheless, I suggest that you buy, store, and eat more foods with a carbohydrate: dietary fiber ratio  $\leq 10$ . Who knows, maybe for your next renovation project, you will have to tighten your tool belt a notch, or two.

#### REFERENCES

Dietary fiber: Essential for a healthy diet (2021). Downloaded on January 6, 2022, from, <https://www.mayoclinic.org/healthy-lifestyle/nutrition-and-healthy-eating/in-depth/fiber/art-20043983>

Lloyd-Jones, DM; Hong, Y; Labarthe; et al. (2010) Defining and setting national goals for cardiovascular health promotion and disease reduction: the American Heart Association's Strategic Impact Goal through 2020 and beyond. *Circulation* 121, 586–613.

*Joseph works for Ohio State University Extension, Harrison County. Joseph and his wife, Mary, live in Steubenville, Ohio. They have four sons, including two who live at home.*



# Save The Date

## November 14, 2022

4:30p-6:30p

JeffCo Event Center

*Please join us!*

## Local Foods Initiative Roundtable

Promote your farm to local restaurants, pubs, bakeries, and more!

**No Cost to Attend!**

On November 14, join us for a roundtable discussion promoting local farms and producers whom wish to sell their product to local restaurants, pubs, bakeries, and more!

This roundtable is perfect for the small or large grower who is interested in marketing their product to local business owners to create mutually beneficial partnerships.

### Roundtable Presenters Include:

- Chuck and Josh Fluharty, Foster Fluharty Farms
- Angela Lombardo, Fresh Twist
- Sara Marrow, Ohio Dept. of Agriculture
- Andrew Henry, JC Health District
- + Marketing tips and tricks to promote your business!

*Scan here  
to register.*



Or Visit

[jeffersoncountychamber.com/localfoodsroundtable](http://jeffersoncountychamber.com/localfoodsroundtable)

In partnership with:



[jeffersoncountychamber.com](http://jeffersoncountychamber.com) | 740.282.6226 | [info@jeffersoncountychamber.com](mailto:info@jeffersoncountychamber.com)



# Pesticide & Fertilizer Licensing

## EXAM INFORMATION

The 2022-2023 pesticide & fertilizer exam schedule is now available at [go.osu.edu/pesticideexam](https://go.osu.edu/pesticideexam)!

Visit the registration link to view scheduling and locations available.

Exams are scheduled for the following dates in Jefferson and Harrison Counties September through October:

November 15th 9AM-1PM  
Ohio Valley Towers Building/OSU  
Extension, 2nd Floor Conference  
Room, 500 Market Street,  
Steubenville, OH

January 9th 9AM-1PM  
Ohio Valley Towers Building/OSU  
Extension, 2nd Floor Conference  
Room, 500 Market Street,  
Steubenville, OH

Photo IDs will be required. Pencils and calculators will be provided.

Per OAC 901:5-11-08(A)(7), applicants must wait five (5) business days between testing sessions.

Multiple exams may be taken during a session, however, due to limited space, you may only register for one session per week.

Register for exams at [pested.osu.edu/PrivateApplicator/testing](https://pested.osu.edu/PrivateApplicator/testing)



## STUDY MATERIALS

Commercial applicators may receive study materials after submitting applications with license fees to the Ohio Dept. of Agriculture. Applicators may also request additional study packets from the Jefferson County Extension office - call 740-264-2212 to put in a request.

For more information on obtaining a pesticide license, visit [pested.osu.edu](https://pested.osu.edu). For fertilizer certification, visit [nutrienteducation.osu.edu](https://nutrienteducation.osu.edu). You can also contact the Jefferson or Harrison County Extension offices with any questions.

Study materials may also be found on these websites. Hard copies of study materials may be in stock at your local Extension office - call ahead to check availability.

Core study session - Monday, January 16, 7PM -  
call 740-461-6136 to obtain Zoom link



# Jefferson & Harrison **MASTER GARDENER VOLUNTEERS**



The Jefferson & Harrison Master Gardener Volunteer training consists of both online modules, hands-on labs and tours, and either a writing or presentation project. Interns are expected to attend an orientation session and a minimum of 5 labs but can pick and choose either by topic or date that best fits into their schedule. Labs run monthly from March through September. Modules must be completed within 6 months and lab requirements must be completed within a year from date of application. Cost of the training is \$100 per person and includes the online course and labs/tours. Classes are open year-round - apply at any time! Send questions to Erika Lyon at [lyon.194@osu.edu](mailto:lyon.194@osu.edu) or call 740-461-6136.

Master Gardener Volunteers in Ohio offer assistance with home horticultural questions, pest identification, school programs, demonstrations, research, and continuing education programs. 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.

To learn more about the application process, visit [go.osu.edu/becomejeffharmgv](http://go.osu.edu/becomejeffharmgv).

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Interested in gardening but not necessarily in becoming a volunteer? Master Gardener labs and tours will be open to the general public. Cost to attend is \$15/person/session. Call 740-461-6136 for more information.

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## Training Topics

- basic botany
- soils, fertilizer and compost
- entomology
- plant pathology
- integrated pest management
- plant propagation
- houseplants
- lawn care
- home herb, vegetable and fruit production
- backyard wildlife management
- pollinators





# OAK WILT

## *Bretziella fagacearum*

Oak wilt, which is caused by a fungus, can be devastating to Ohio's oak populations. The fungal pathogen develops in the vascular system, specifically the water-conducting tissues, in many species of oaks and has been found throughout much of the state. The vessels within the vascular tissue are plugged by the pathogen as well as by the tree's response to the pathogen. Water is subsequently blocked, and the tree will begin to show wilt symptoms.

Once a tree is infected with oak wilt, 'flagging', or entire branches that turn brown, may appear. Leaves start to wilt initially in the upper canopy, leading to flagging. Eventually, dead leaves will fall from the canopy. Late spring infections typically produce symptoms during the summer months when temperature increases, rainfall decreases, and more water is lost from the tree through the process of transpiration. Keep in mind that these symptoms are common among other diseases, insects, and environmental factors, so diagnosis cannot be made on these observations alone. In order for oak wilt to be confirmed, a sample will need to be submitted to a specialized laboratory.

While all oaks are susceptible to this disease, those belonging to the red-black group can die off after just a few weeks post-infection. These trees can support spore-bearing fungal mats that develop under desiccated bark. You may also observe streaking within the sapwood tissue.



Joseph OBrien, USDA Forest Service, Bugwood.org

The best management for oak wilt starts with prevention. Ensure trees avoid damage, especially between April 15 through July 1. Physically separating or severing roots of infected trees from healthy trees is critical to reduce localized spread. Dispose of dead or dying trees.

To learn more about oak wilt disease and its management, check out fact sheet PLPATH-TREE-02: Oak Wilt, available from Ohioline at <https://ohioline.osu.edu/factsheet/plpath-tree-02>, or call your local Extension office.

## Get the Great Lakes Early Detection Network (GLEDN) App!

GLEDN is an invasive species early detection and warning system for the Great Lakes region developed through funding provided by the National Park Service as part of the Great Lakes Restoration Initiative.

GLEDN is an online system that collects invasive species reports from casual observers, verifies these reports and integrates them with others networks. The system then uses this integrated information to send customized early detection email alerts. Visit [apps.bugwood.org](https://apps.bugwood.org) to learn more.

Spotted lanternfly adults are out and laying eggs...Help us spot spotted lanternfly! Contact the Ohio Department of Agriculture at 614-728-6201 or use the Great Lakes Early Detection Network (GLEDN) App to report sightings of this insect!





# Beef Quality Assurance Training

**Tuesday, January 24th, 2023 7PM**

**Harrison County Fairgrounds,  
550 Grant St., Cadiz, OH**

**Pre-registration required -  
Register by calling 740-264-2212**

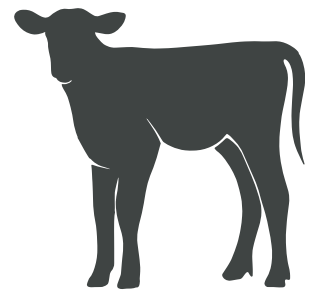
With consumers concerned for animal welfare and sustainable production, Beef Quality Assurance (BQA) is now required by food giants like Tyson Foods, who work with 25% of the US beef market share, and Wendy's, currently the 2nd largest fast food hamburger chain in the US, beginning in 2019 to meet public demand.

\*BQA is not a government mandated program. Contact your livestock sales facility to see if they require or recommend BQA.

*Save the Date!*

OHIO CATTLEMEN'S ASSOCIATION  
**CATTLEMEN'S  
ACADEMY** 

# Calving Clinic



**Monday, January 30th, 2023 5:30-8PM**

**Harrison County Fairgrounds,  
550 Grant St., Cadiz, OH**

Experts from Ohio State and the cattle industry will be on-hand to instruct attendees and answer questions throughout the clinics.

Producers will learn: how to determine calf presentations, calving assistance techniques, nutritional management of the prepartum cow, calf health, and bull selection for calving ease

Cattlemen's Academy clinics are free for OCA members to attend. Those who are not current OCA members may still attend but must pay \$75 per family upon registration. This cost includes clinic attendance and an OCA membership. A meal is included for each participant at each of the clinics. Attendance at each clinic is limited for the in-person programs. Producers should register early, or risk missing out on the chance to take part in this unique learning opportunity for their operations.

Pre-registration required -

*REGISTRATION INFORMATION COMING SOON*



# Jefferson County

## Discover Yourself in 4-H



## JUNIOR LEADERS UPDATE

### Next Meeting!!

Monday, November 28th, 5PM  
OSU Extension Office,  
500 Market Street, Suite 512,  
Steubenville, OH

Please enter through the back  
doors where the entry is connected  
to the parking lot!



### Library Tour

There's more to a library than just books: Jr. Leaders, and teens interested in joining, come to the Schiappa Branch Library at 2 p.m., November 12 to learn about the library's many services, including teen programs, 3-D printing, and more. We'll also be making perler bead bookmarks.

RSVP to Melissa Zifzal by Wednesday, November 9, at [mzifzal@gmail.com](mailto:mzifzal@gmail.com) or on the Jr. Leaders Band app.

### Christmas Party



The Jr. Leader Christmas party will be Saturday, December 10, from 6-9 p.m. at the Ryan Activity Center, 201 Gumps Lane, Wintersville. Bring a wrapped White Elephant Gift. Current members and any teens interested in Jr. Leaders are invited to come.

RSVP by Thursday, December 8 to Melissa Zifzal at [mzifzal@gmail.com](mailto:mzifzal@gmail.com) or on the Jr. Leaders Band app.

## COMMUNITY SERVICE OPPORTUNITIES

- ☒ Support the Jefferson County Kiwanis Sock Drive, Donate NEW socks of any size! They can be dropped off at the OSU Extension Office!
- ☒ Volunteer at the Urban Mission
- ☒ Volunteer at local Nursing Homes/ Assisted Livings
- ☒ Jefferson County Fairgrounds Dining Room Table Donation! (Information on page 23)

## Rabbit Informational Classes

Tammy Mazzaferro will start rabbit informational classes at 5 pm, Nov. 28 at 500 Market Street on the 2nd floor in the community room!

Sessions will be open to all 2023 rabbit exhibitors!

Learn how to show your rabbit, the parts of a rabbit, care for your rabbit, the breeds, questions that judges may ask and more!

No pre-registration required!

Do NOT bring your rabbits!

Please join Tammy for a great learning experience!



# 4-H ISN'T WHAT IT USED TO BE... OR, IS IT!

BY ANGIE ALLISON, OSU 4-H EDUCATOR

Growing up, I loved to watch the Andy Griffith Show. Some of my very fondest childhood memories are sitting with my grandmother, Mae Murray, huddled in front of a small black and white television to watch the latest episode. Although I wish that I could time warp back to those days, unfortunately I can not. But what I can do is hold tight to those memories and incorporate the lessons learned from my childhood into my daily life.

The character pillars, on which every episode of Andy Griffith was based, made that black and white television show universally attractive. The Show Me Times blog states about the 1960s American comedy that, "Honesty, kindness, charity, respect, love thy neighbor, a strong work ethic, and humor were always present within the undercurrent of the weekly dialogue. Many times, you would find that Andy's commitment to personal responsibility and community involvement were always evident." Similarly, 4-H also is based on a uniting under current. The pillars, as we call them, are steady, despite a changing world. The 4-H Pillars of Trustworthiness, Respect, Responsibility, Fairness, Caring and Citizenship should consistently lead the decisions, actions, and conversations of 4-H advisors, parents and youth involved in our 4-H program. Yet, if I had a quarter for every time this past year that I heard "4-H isn't what it used to be," I might be rich. So, I implore you, if in your world "4-H isn't what it used to be" then why is it not? Either:

- A.) Because the administrators, volunteers, advisors, and parents are failing at demonstrating and teaching to our youth these core principles as a group?
- B.) Or, are the people who claim this perceived 4-H shift viewing 4-H by way of distorted information, i.e. gossip rather than facts?
- C.) Could it be both?

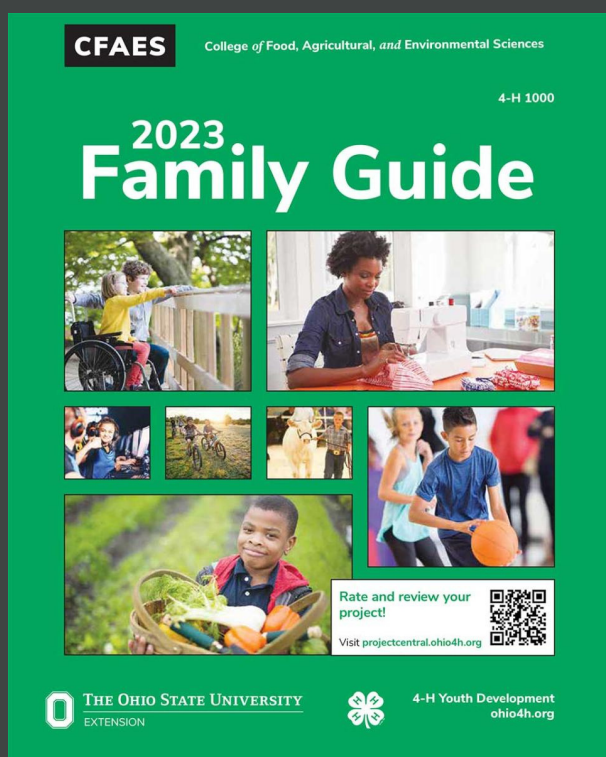
It seems that I utilize lessons and lines from Andy Griffith every day to teach my own girls. I tell them things like "Sometimes what's important to some folks is REAL important to other folks." This from the famous kerosene cucumbers episode. Or, for another example and much to my daughters' dismay I may interject into our conversations the lessons taught in Andy Griffith episodes about bullies. I specifically have used the episode that depicts a time when Opie had to finally stand up for himself by gaining courage and stepping into the circle drawn by an unruly, older boy. In the end, the antagonist backs down after a few outlandish gimmicks, because the other children finally see through his shenanigans. The antagonist leaves in a huff, angry that his attention seeking did not produce the desired results. My girls know I love black and white television, so they may roll their eyes and heckle me about my out-of-date, black-and-white tv teachings, but they do humor me some. I have even seen them implement my corny advice.

The lessons from Andy Griffith and 4-H are more relevant now than ever. We can all agree that times have changed. Youth have changed. Parents have changed. Families have changed. Advisors have changed. Our country also has changed. We can see nationwide that belief systems, politics and more are becoming polarized. Republican or democrat, Christian or Buddhist, Chevy or Ford ... people argue constantly about everything. Some people don't just choose sides, but now often instead of respecting an outcome of a baseball game, another person's vote or even a legal determination, they resort to social media campaigns, in-person confrontations, or garner a mob of like-minded individuals to wage an all-out war.



This simply because they enjoy being combative or because they do not want to accept a placing, a decision, a vote, or a legal determination. The world is a different place than in Andy Griffith's 1960s neighborhood. A place my grandma may not like. However, the core values taught in 4-H, and in that old-time, top-rated television show, remain important and the same. Trustworthiness, Respect, Responsibility, Fairness, Caring and Citizenship... they do not go out of style and as the world changes we can hold tight to these principles. We must continue to teach and demonstrate these principles. After all, our youth are learning by doing and this extends beyond hands-on projects to social skills and emotional intelligence.

In closing, I was listening to a popular livestock industry commentator the other day. He was discussing the difference between county fairs and other shows in the livestock world that he has judged. He said, "We all know the county fair is the most dramatic of all shows!" However, he went on to explain that county fairs are the bread and butter of the world, because these shows are where it is all begins. He said it is where our youth learn about Agri-science, animal science, friendship, winning, losing with grace, and more. It is a time of fellowship and fun. For this reason, let's keep our focus on the pillars for this Jefferson County 4-H program and with that also our county fair. It's not about the ribbons, the conflicts and whose kids weren't in their camper by 11 pm. 4-H at its core is a community of young people across America who are learning leadership, citizenship, and life skills as they work in partnership with caring adults. When we focus on the youth, adults and activities that epitomize the 4-H pillars, then 4-H IS WHAT IT USED TO BE AND MORE. 4-H doesn't change much, but people can .... for the worse or for the better. So, let's keep our eyes on those pillars of Trustworthiness, Respect, Responsibility, Fairness, Caring and Citizenship for the 2023 4-H year.



The 2023 4-H Family Guide Book with all the project listings is available in flip book and pdf for download here <https://ohio4h.org/familyguide>

Paper copies of the book will be mailed to your home no later than the middle of January, but hopefully by the middle of December.

Enrollment with official project selection begins January 1, 2023. 4-H Online accounts are currently being reset by the state office, so do not enroll for next year before Jan. 1, 2023.

We look forward to working with you again!



# MOST OUTSTANDING 4-H'ER



**Congratulations to all our 2022  
Most Outstanding 4-H'er contestants!**

Competition was fierce, as all the young people who applied are so very deserving!

You represented our county 4-H program well! We are very fortunate to have all of our contestants and all of our 4-H'er's in Jefferson County "Making The Best Better!"

The future is bright for you all and for this county because of you!

With much appreciation for all of your hard work.... a special congratulations goes to this year's award recipients!



**Senior MO4-H'er  
Corissa Griffith  
Windy Ridge 4-H Club**



**Junior MO4-H'er  
Leila Sudvary  
Broken Fences 4-H Club**



# ***Congratulations !***

## ***Fall Fest Pumpkin Decorating Winners***

### **Beginners Stenciled**

1st Ethan Warren

2nd Ava Aftanas

3rd Colte Sines

4th Kole Wilson

### **Beginners Hand Carved**

1st Colte Sines (House)

2nd Colte Sines (Dino)

3rd Colte Sines (Eyeball)

4th Ava Aftanas

5th Autumn Grafton



### **Beginner Decorated**

1st Autumn Grafton

2nd Avery Huff

3rd LeAnna Horstman (Cow)

4th Colte Sines (Baby)

5th LeAnna Horstman (Pig)



### **Intermediate Hand Carved**

1st Cameron Kerkuta

### **Intermediate Decorated**

1st Leila Sudvary

2nd JP Wilson (Doughnut)

3rd JP Wilson (Hamster)



### **Seniors Hand Carved**

1st Alaina Warren





**Thank you to all who attended the Annual  
Advisors Banquet!**

**Congratulations to our award winners and  
elected committee members...**

**Head Award - Karen Hill, advisor of Cross Creek Tomahawks 4-H Club**

**Heart Award - Sheriff Fred Abdalla Sr. and Family accepted by Sheriff Fred Abdalla Jr.**

**Hands Award - Makara Eick volunteer for Broken Fences 4-H Club/ 4-H Camp/Junior Fairboard**

**Health Award - Dr. Kurt Johnson, Veterinarian and 4-H father**

**Friend Of 4-H - Steubenville City Schools, accepted by Steubenville Seedings Advisor Heather Hoover and STEM Director Shana Wydra**

**Most Outstanding 4-H'er Sr. - Corissa Griffith of the Windy Ridge 4-H Club**

**Most Outstanding 4-H'er Jr. - Leila Sudvary of the Broken Fences 4-H Club**

**News Reporter Of The Year - Colte Sines of the Wildwood Critters 4-H Club**

**Our new or re-elected 4-H Committee members include:  
Karen Hill, Heather Morrison, Erin Ogden, Jessica Sudvary,  
Nick Vendetta and Amanda Wood!**




# Hey Everyone!

4-H Camp Counselor and Jefferson County Fair Queen Allison Bell is searching for partners to help complete a community service project, while attending college at The Ohio State University!

Please help her reach her goal! Read her message below!

In honor of the end of National 4-H week, I would like to start a recycling project with the help of all our clubs and their families. The project is called ABC Promise Partnership. This project involves us all collecting plastic caps and tops of all kinds. I will provide the list of acceptable caps once I receive participation from the clubs. With the caps, depending on the amount we collect, we can purchase a bench to place outside of the Jr Fair Board Office. This is a great way to get a recycling project for your club! Please respond if you are interested in this project so we can all get started collecting. I am hoping to have around 200 pounds of tops by July 1, 2023. So that the bench can be purchased and displayed for our next fair! Please get in touch with me at 740-512-5345 if your club would like to participate!









## ABC Promise Partnership

### ABC Acceptable Caps List




NEVER ACCEPTABLE

No Metal	TRASH.....ANY	
drink bottles	ALL food containers	
prescription bottles	Cardboard Liners	
plastic Ziplock type bags	soap pumps	
trigger sprayers	lotion pumps	
ALL fast food drink lids	grocery bags	
Plastic that is not a cap or lid, plastic pieces and parts	Caps or lids with (1) (3) (6) or (7) recycle number	
Human or Animal Medical Supplies of any type	K-Cups and Straws	
Needle caps	Syringe caps	
METAL.....ANY	PAPER.....ANY	

#### ACCEPTABLE CAPS

medicine Pill bottle caps/ (info packet removed)	drink bottle caps soda, water, juice caps, sports drink	
 milk jug, creamer caps	flip-top caps (ketchup)	
detergent caps	spout caps (mustard)	
 hair spray caps	spray paint caps	
toothpaste caps	ointment tube caps	
 deodorant caps	baby food caps	
apple sauce pouch caps	shampoo/conditioner caps	

#### ACCEPTABLE LIDS

 Cottage cheese yogurt lids	cool whip container lids Pringle can lids	
 mayonnaise jar lids	coffee can lids	
 peanut butter lids	Butter lids	
Ice cream bucket lids "under 8" in diameter"	cream cheese container lids Spice lids	



# 2023 4-H OVERNIGHTER



The Overnighter will begin on Friday, January 27th at 11:00 p.m. and end on Saturday, January 28th at 6:00 a.m. at the Millsop Community Center in Weirton

THE OVERNIGHTER IS FOR 4-H YOUTH AGES 9 THRU 18. (NON-4-H MEMBERS CANNOT ATTEND). IF YOU ARE SENDING SOMEONE TO THE OVERNIGHTER THAT IS NEW TO 4-H IN 2023, YOU MUST SEND A COMPLETED ENROLLMENT FORM WITH THE REGISTRATION AND THE NEW MEMBER MUST PAY A \$20.00 SURCHARGE PLUS THE \$10.00 FEE TO ATTEND THE OVERNIGHTER. MEMBERS MUST BE IN CLUB BEFORE DECEMBER 1, 2022 TO BE EXCLUDED FROM THIS NEW SURCHARGE

**NOTE: For every five (5) youth registered, you must register one adult!**

CLOVERBUDS are permitted at the Overnighter but must be accompanied by a parent for the entire evening.  
Cloverbud fee is \$5.00

**COST: \$10.00** fee for 1st 4-H member of a family attending and **\$5.00** for any other 4-H member of the same family attending. There will be a \$5.00 fee for each adult registration.

Checks should be made payable to "Jefferson County 4-H Committee".

\$5.00 late fee will be added to registration fee for anyone registering after the due date of January 20th.

**Advisor must approve if you are late to register. There must be 1 adult per 5 kids.....**



## Health Form

Are online

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

Advisors are to collect the health forms and turn into office by January 20th.

Club Advisors have the Registration Form. You must register with your club. No individual registration forms will be accepted.

## ATTENTION 2023 CAMP COUNSELOR

Call Angie or email her

If you would like to help with the overnighter

The Ohio State University, The United States Department of Agriculture and Jefferson County Commissioners Cooperating



CLUB NAME: \_\_\_\_\_

(If you are registering a Cloverbud, please state the parent’s name who will be accompanying them.)

Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____

ADULT: \_\_\_\_\_

Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____

ADULT: \_\_\_\_\_

Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____

ADULT: \_\_\_\_\_

Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____

ADULT: \_\_\_\_\_

CLUB NAME: \_\_\_\_\_

(If you are registering a Cloverbud, please state the parent's name who will be accompanying them.)

Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____

ADULT: \_\_\_\_\_

Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____

ADULT: \_\_\_\_\_

Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____
Name: _____	Age: _____

ADULT: \_\_\_\_\_

AMOUNT ENCLOSED:	_____	1st youth in family @ \$10.00 per youth = \$ _____
	_____	Other family members @ \$5.00 per youth = \$ _____
	_____	Adults @ \$5.00 per adult = \$ _____
	_____	New member surcharge = \$ _____
TOTAL AMOUNT ENCLOSED:	\$ _____	

This form must be completed by the **CLUB ADVISOR ONLY** and returned to the Ohio State University Extension Office by January 20th. **HEALTH FORMS** are online at [jefferson.osu.edu](http://jefferson.osu.edu) or Facebook you can pick one up at the OSUE Office as well.

**ADULT ASSIGNMENT SHEET IS ENCLOSED. PICK THE ACTIVITY YOU CAN HELP WITH. RETURN TO OSUE OFFICE W/ CLUB REGISTRATION. FINAL ASSIGNMENT SHEET WILL BE HANDED OUT WHEN YOU ARRIVE FOR THE OVERNIGHTER.**

**NO YOUTH WILL BE ADMITTED TO THE MILLSOP WITHOUT A HEALTH FORM**





# 4-H Shooting Sports



Jefferson and Harrison Counties are partnering again  
for the 2022-2023 year!

If you would like to stay updated on SS and conservation, like and share our Harrison County 4-H Shooting Sports Club & Conservation Facebook Page to get the information first!

Mark your calendars!! Here is the 2022-2023 Harrison County 4-H Shooting Sports Schedule :

<div>  <b>Harrison County 4-H Shooting Sports '22-2023 Schedule</b>  </div>		
ALL MEMBERS MUST HAVE SS PACKET FILLED OUT IN ITS ENTIRETY AND SIGNED BY PARENT/GUARDIAN TO PARTICIPATE.		
Saturday, October 15 <sup>th</sup>	Jewett Sportsman's Club	10-12pm
Thursday, October 20 <sup>th</sup>	Jewett Sportsman's Club	6-8pm
Saturday, November 12 <sup>th</sup>	Jewett Sportsman's Club	10-12pm
Thursday, November 17 <sup>th</sup>	Jewett Sportsman's Club	6-8pm
Saturday, December 10 <sup>th</sup>	Jewett Sportsman's Club	10-12pm
Thursday, December 15 <sup>th</sup>	Jewett Sportsman's Club	6-8pm
Saturday, January 7 <sup>th</sup>	Jewett Sportsman's Club	10-12pm
Thursday, January 19 <sup>th</sup>	Jewett Sportsman's Club	6-8pm
Saturday, February 11 <sup>th</sup>	Jewett Sportsman's Club	10-12pm
Thursday, February 16 <sup>th</sup>	Jewett Sportsman's Club	6-8pm
Saturday, March 4 <sup>th</sup>	Jewett Sportsman's Club	10-12pm
Thursday, March 16 <sup>th</sup>	Jewett Sportsman's Club	6-8pm
Saturday, April 8 <sup>th</sup>	Jewett Sportsman's Club	10-12pm
Thursday, April 20 <sup>th</sup>	Jewett Sportsman's Club	6-8pm
Saturday, May 13 <sup>th</sup>	Jewett Sportsman's Club	10-12pm
Thursday, May 18 <sup>th</sup>	Jewett Sportsman's Club	6-8pm
<b>**June 2<sup>nd</sup>-4<sup>th</sup></b>	<b>Camp Piedmont</b>	<b>Tent. SS Camp</b>
<b>MONDAY, JUNE 12<sup>TH</sup></b>	<b>COMMERCIAL BUILDING</b>	<b>TENT. PROJECT JUDGING</b>
Saturday, July 8 <sup>th</sup>	Jewett Sportsman's Club	10-12pm
<b>**July 12<sup>th</sup>-16<sup>th</sup></b>	<b>Camp Piedmont</b>	<b>Tent. Junior Camp</b>
<b>**LOCATIONS AND DATES ARE SUBJECT TO CHANGE IN ACCORDANCE TO ATTENDANCE RSVP. ALL MEMBERS ARE ENCOURAGED TO FOLLOW OUR FACEBOOK PAGES FOR PHOTOS AND LOCAL/STATE UPDATES + OPPORTUNITIES</b>		



# Jefferson County Jr. Fair

## Important Dates



Bonnie Lamm Randolph

Admin · 5m · 🗨️

Market Steer tag-in will be Saturday, November 19th from 9:00 am to 11:00 am at the Livestock Arena. We will be posting a form at a later date that will be required to be completed and signed prior to the animal being tagged and weighed.



Bonnie Lamm Randolph

Admin · 7m · 🗨️

The dates for the 2023 Jefferson County Fair are August 14th - 20th.

### WEBINAR

WHERE HAVE ALL THE  
VETERINARIANS GONE?

Featuring Speakers from:

- American Veterinary Medical Association
- American Association of Equine Practitioners
- Texas Tech & Lincoln Memorial University



**Monday**  
**November 14th, 2022**  
**1:00pm EST**

**REGISTER NOW**

[www.horsecouncil.org](http://www.horsecouncil.org)  
[info@horsecouncil.org](mailto:info@horsecouncil.org)



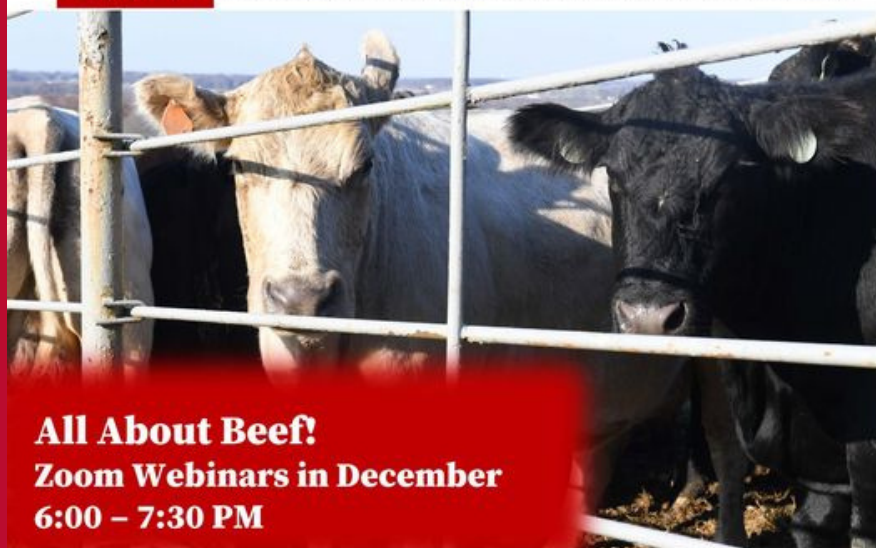
The Jefferson County Fairboard is updating the fairgrounds dining room/kitchen!

This facility facelift is being completed by Fairboard officers Lori Vinci and Debbie Grimes! However, the dining room needs new, matching tables! The Fairboard is asking all 4-H clubs to "sponsor a table!" The preferred 8-foot table is \$90! So, donation checks can be made out to the Jefferson County Fairboard. Please write on the memo line - dining hall table project. The Fairboard will order the tables. Any help is appreciated and this can be one of your club's community service projects for the 2023 year! If every club sponsors a table, the dining hall will be full of new white, industrial-grade folding banquet tables to help brighten up the space!

Send your club's \$90 check to the Jefferson County Fairboard, PO Box 2315, Wintersville, OH 43953.

To make a personal donation to the tables or the project overall contact Debbie Hukill.





## All About Beef!

### Zoom Webinars in December

6:00 – 7:30 PM

#### Presenters Include:

Dr. Steve Boyles, OSU Beef Extension Specialist  
Dr. Lyda Garcia, OSU Meat Extension Specialist  
Dr. Andrew Bowman, OSU Veterinary Medicine  
Bo Garcia, OSU Graduate Research Associate

Garth Ruff, OSU Beef Field Specialist  
Dr. Jacqueline Nolting, OSU Veterinary Medicine

**Geared towards youth participants taking beef projects but anyone is welcome!**

*Webinar links and details below:*

Thursday, December 8<sup>th</sup> : [Beef Cattle Nutrition](#)

*Nutrition best practices, how nutrition impacts meat quality*

Wednesday, December 14<sup>th</sup> : [Beef Cattle Health](#)

*Protecting animal health at home and at the fair, common disease ID, and more!*

Monday, December 19<sup>th</sup> : [Beef Cattle Handling and Welfare](#)

*Animal handling and welfare at home and at the fair, impact of handling and stress of meat quality*

[ohio4h.osu.edu](http://ohio4h.osu.edu)

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## Taking a Beef Project? Tune in to this webinar series in December!

Thursday, December 8<sup>th</sup> :

### Beef Cattle Nutrition

Nutrition best practices, how nutrition impacts meat quality

Wednesday, December 14<sup>th</sup> :

### Beef Cattle Health

Protecting animal health at home and at the fair, common disease ID, and more!

Monday, December 19<sup>th</sup> :

### Beef Cattle Handling and Welfare

Animal handling and welfare at home and at the fair, impact of handling and stress of meat quality

## Does the moon create tides? What is sea ice?

Find out more about Earth's Ocean with the [2022 4-H STEM Challenge—Explorers of the Deep!](#) There's so much to explore!

#4HSTEMChallenge

Thanks to our sponsors  
Bayer U.S. Crop Science,  
Corteva Agriscience, and  
Nickelodeon.







Ohio State Extension Invites You to Attend Our

## Lamb & Wine Field Night

Saturday, November 5, 2022

2:00–7:30 p.m.

Ohio State University South Centers

1864 Shyville Road, Piketon, OH 45661

Shepherds, viticulturists, and foodies alike are welcome to join us for an evening in the vineyard to discuss how sheep & grapes can be compatible in vineyards and how lamb & wine can be compatible in the dining room. An introduction to grape production and challenges along with demonstrations of vineyard grazing, lamb preparation, wine tasting, and dinner will be included with registration for this event. The cost to attend this event is \$30 per person, payable to The Ohio State University, by October 15, 2022.

Register online at: <https://go.osu.edu/lambandwine2022> or by scanning the QR Code on the right. →

Questions about the structure of the course may be directed to OSU Small Ruminant Specialist- Dr. Brady Campbell at [campbell.1279@osu.edu](mailto:campbell.1279@osu.edu) or (330) 263-5563 or Dr. Maria Smith, Viticulture Outreach Specialist at [smith.12720@osu.edu](mailto:smith.12720@osu.edu) or (330) 263-3825. Questions about the payment process may be directed to Noble County ANR Educator- Christine Gelley at [gelley.2@osu.edu](mailto:gelley.2@osu.edu) or (740) 305-3173.



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Committee



Forrest Family Farm  
American Lamb Cooking  
Roadshow



For more information,  
visit [sheep.osu.edu](http://sheep.osu.edu) or  
[go.osu.edu/grapes](http://go.osu.edu/grapes).



# CELEBRATE Earth Science Week in Ohio!

The Ohio Geological Survey invites you to celebrate the theme, "Earth Science for a Sustainable World," and explore our dynamic world during Earth Science Week 2022.

Join us for a series of events. Or visit our website to download activities, educational materials, and more. For complete information & event details, visit [geology.ohiodnr.gov](https://geology.ohiodnr.gov).

## Event Schedule

Friday, October 7, 11am, **Adult Off-Trail Ravine Geology Hike**  
Highbanks Metro Park, Lewis Center

Saturday, October 8, 12pm, **Geology Talk**  
Marblehead Lighthouse Festival, Marblehead State Park, Marblehead

Sunday, October 9, 12pm, **Geology & Nature Hike**  
Nelson-Kennedy Ledges State Park, Garrettsville

Sunday, October 9, 2pm, **Family Off-Trail Ravine Geology Hike**  
Highbanks Metro Park, Lewis Center

Tuesday, October 11, 11am, **Ohio Rock Talks: Careers in Geoscience**  
Webinar

Wednesday, October 12, 12pm, **Statehouse Fossil Tour**  
Ohio Statehouse, Columbus

Friday, October 14, 8am, **Topographic Maps: Free Giveaway**  
Ohio Geological Records Center, Columbus

Saturday, October 15, 1pm, **Geology Hike**  
Metzger Preserve, Circleville

Saturday, October 15, 10am, **Bog Geology Hike**  
Cedar Bog State Nature Preserve, Urbana

Sunday, October 16, 1pm, **Guided Fossil Hunt**  
Caesar Creek State Park, Waynesville



**OHIO  
GEOLOGICAL  
SURVEY**  
DEPARTMENT OF NATURAL RESOURCES



[geology.ohiodnr.gov](https://geology.ohiodnr.gov)



**EARTH  
SCIENCE  
WEEK**

Our friends at [Ohio Department of Natural Resources](https://ohiodnr.gov) are celebrating Earth Science Week!

Join the [Ohio Geological Survey](https://geology.ohiodnr.gov) team for one of these adventures throughout Ohio.

Find all the details at <https://tinyurl.com/yrynxaxf> !





**CFAES**

OHIO STATE UNIVERSITY EXTENSION  
Ohio 4-H



**Believe in Ohio**

# 2022-2023 Entrepreneur 4-H Spin Club

High School youth can join us weekly on Thursdays to learn about creating a STEM Business plan as an entrepreneur. Plans submitted by February 2023 will be eligible for local, regional and state scholarships sponsored by Believe in Ohio. STEM advocates will assist youth in creating their STEM business plans (plan and pitch video).

**Thursdays, starting October 27 - December 15, 2022**

**from 6:30-8:00 P.M.**

**Location:** Online via ZOOM

**Cost:** No costs thanks to a partnership between Believe in Ohio and 4-H

**Details:** Available to current 9<sup>th</sup> - 12<sup>th</sup> graders. Participants will need to enroll and join 4-H  
<https://believeinohio.org/scholarships/>

**Contact information:** Dr. Mark Light, Leader, Ohio 4-H STEM, [light.42@osu.edu](mailto:light.42@osu.edu)



**THE OHIO STATE UNIVERSITY**  
COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES



**Ohio4h.org**

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information, visit [cfaesdiversity.osu.edu](http://cfaesdiversity.osu.edu). For an accessible format of this publication, visit [cfaes.osu.edu/accessibility](http://cfaes.osu.edu/accessibility).

# CFAES

During these 4-session virtual workshops, we use Active Parenting curriculum to introduce you to tools that may help you to raise responsible, confident children, and to navigate through issues that many parents struggle with.

Each workshop focuses on a different age range, allowing you to customize your experience to fit the ages of your children. You are welcome to participate in more than one workshop.



## JOIN YOUR BLAST OFF FLIGHT CREW:

Joseph Maiorano and Chris Kendle as they provide strategies to **LAUNCH** your parenting skills into a successful future!

### Active Parenting; First Five Years

This workshop is for parents of children, birth to age five. You will learn how to use freedom and non-violent discipline strategies to nurture your child.

Sept 12, 13, 14, 15 Time: 9-11am  
Dec 12, 13, 14, 15 Time: 12:30-2:30pm  
March 13, 14, 15, 16 (2023)  
Time: 9-11am

### Active Parenting; Ages 5 - 12

This workshop focuses on helping parents raise responsible children who are able to resist negative peer pressure.

Oct 10, 11, 12, 13 Time 9-11am  
Jan 9, 10, 11, 12 (2023)  
Time: 12:30-2:30pm  
April 10, 11, 12, 13 (2023)  
Time: 9-11am

### Active Parenting; The Teenage Years

This workshop focuses on helping parents raise responsible confident tweens and teens. Teen issues such as self-esteem, technology, drug and alcohol use, bullying, and risk prevention strategies are discussed.

Nov 7, 8, 9, 10 Time: 9-11am  
Feb 13, 14, 15, 16 (2023)  
Time: 12:30-2:30pm  
May 8, 9, 10, 11 (2023) Time: 9-11am

Pre-Registration is required for each workshop. The cost of a 4-session workshop is \$30.

Once payment has been received, you will receive a book and workbook in the mail.

Upon completion of all 4-sessions, you will receive a \$25 gift card.

Parents associated with the **Head Start** program attend for free  
(but do not receive a gift card)

Please go to the following link to register: <https://go.osu.edu/blastoffregistration>

**Joseph Maiorano, PhD** (FCS Educator) OSU Extension, Harrison County ([maiorano.2@osu.edu](mailto:maiorano.2@osu.edu))



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*Leslie Aftanas*

# LESLIE'S CORNER

## Cloverbud and J-Fit



The holiday season is fast approaching us, and Tom Turkey and Santa will be coming soon. But, most of all, the holiday season is a time to reflect on what we have and what memories we've made this year. So, let's embrace and tell each other how Thankful we are for all they have done for us. (Advisors, teachers, parents, grandparents, siblings, etc.)

### J-Fit Activities and Cloverbud

Participate in any  
Christmas Parade  
with your club or church.

**Treads shoe bead**

Game Night: boardgames  
or puzzles

**Puzzle bead**

Watch any Christmas movie.

Question is which one?!

**Question bead**

These activities are made to have fun with your family and friends.

Let's put electrics down (kids and parents)  
and keep making those memories.

On Thanksgiving, let's sit around the table and tell a  
great memory, what we are thankful for, or maybe a  
funny joke. **Pilgrim Hat Bead**

Why did the teddy bear say no to dessert?  
Because she was stuffed.

### **Holiday Cloverbud Activities to do With Family and Friends**

**1. Put a gingerbread house together.**

**House bead**

**2. Decorate a bush or tree outside in green & white lights for 4H.**

**Holiday lights bead**

**3. Have an ornament making day or night.**

**Tree bead**

**4. Let's take time to color a Christmas picture or make some cards for someone special.**

**Present bead**

**5. Lets help make cookies for Santa.**

**Milk Bead**

Pop tabs will be collected again this year. PLEASE let everyone you know, and they can collect for you. Maybe contact a local restaurant near you and they can collect for you. **Pop tab bead**

**If you have any questions, please feel free to contact me at  
[aftanas.2@osu.edu](mailto:aftanas.2@osu.edu) or call the office 740-264-2212 !**

**Practice your 4-H Pledge!**



### NOVEMBER

11/08	4-H Committee Meeting, OSU Extension Meeting Room
11/09	Early Bird Quality Assurance Training Zoom, 7PM
11/12	Shooting Sports, 10-12PM, Jewett Sportsman Club
11/14	Local Foods Initiative Roundtable, 4:30-6:30, JeffCo Event Center
11/14	Extension Advisory Committee Meeting
11/15	Pesticide and Fertilizer Exam, 9AM-1PM, Jefferson
11/17	Shooting Sports, 6-8PM, Jewett Sportsman Club
11/19	Market Steer Tag-In, 9-11AM, Fairgrounds
11/28	Junior Leaders Meeting
11/28	Sub-Committee Meetings
11/28	Rabbit Informational Classes, 5PM

### DECEMBER

12/08	Beef Cattle Nutrition Zoom, 6-7:30PM
12/10	Shooting Sports, 10-12PM, Jewett Sportsman Club
12/10	Jr. Leader Christmas Party, 6-9PM, Ryan Activity Center
12/14	Beef Cattle Health Zoom, 6-7:30PM
12/15	Shooting Sports, 6-8PM, Jewett Sportsman Club
12/19	Beef Cattle Handling and Welfare Zoom, 6-7:30PM



ACCESS TO ALL 2022 JEFFERSON COUNTY 4-H ID FORMS, REGISTRATIONS, LINKS, AND INFORMATION PACKETS CAN BE FOUND ON OUR [FACEBOOK](#) PAGE AND [WEBSITE](#)!

• Dates Subject to Change

Visit [jefferson.osu.edu](http://jefferson.osu.edu) or join the Agriculture & Natural Resources Group on our Facebook page @JeffCoExtension for updates and future webinars, podcasts, and other great opportunities!

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