

Cooperative **CONNECTION**

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

SEPTEMBER- OCTOBER 2022

2022 FARM SCIENCE REVIEW

Celebrating 60 Years

By: Tracy Turner

August 1, 2022



Farm Science Review Photo: CFAES

COLUMBUS, Ohio – Ohio State’s Farm Science Review, which turns 60 this year, plans to highlight its decades of providing valuable information to farmers and producers, while focusing on continuing to educate for the future.

JEFFERSON COUNTY FAIR SETS LIVESTOCK SALE RECORD!

The 2022 Jefferson County Fair livestock sale set a record by totaling more than \$466,000 in sales! Fairboard President Ray Hilderbrand said the junior fair sale was the star of the show for the 151st fair with the theme Bright Lights, Country Nights – Best of Both Worlds! (continued on page 14)





IT'S DOGBANE WEBWORM, NOT FALL WEBWORM

by Joe Boggs, OSU Extension Hamilton County

When I first saw the webbed nests of the Dogbane Webworm (*Saucrobotys futilalis*, family Crambidae) on Hemp Dogbane (*Apocynum cannabinum*, family Apocynaceae), I thought the culprits were fall webworms (*Hyphantria cunea*, family Erebiidae). After all, this native moth has a very wide host range and it's not uncommon to find their nests on herbaceous perennials.

However, I had never seen fall webworms on any member of the Apocynaceae family. Presumably, the caterpillars cannot handle the alkaloid chemical defenses of plants in this family. Family members also include milkweeds and other plants that ooze milky sap laden with poisonous alkaloids.

Hemp dogbane is the representative species for the Apocynaceae family which is why it's called the "dogbane family." Indeed, *Apocynum* translates to "poisonous to dogs," or "dog killer."



Sap from the plant is reported to have been used against ravenous feral dogs. However, it apparently does not affect werewolves; that's Wolfsbane (*Aconitum* spp., family Ranunculaceae). Yet another example of the value of knowing plant taxonomy and being able to

dogbane is the host. Dogbane webworms target their namesake hosts, which include Hemp Dogbane (*A. cannabinum*) and Spreading Dogbane (*A. androsaemifolium*). Online references report that the caterpillars may also feed on milkweeds (*Asclepias* spp.) including Butterflyweed (*A. tuberosa*) although I've never observed the caterpillars on any plant other than dogbane.

Dogbane webworms produce two types of nests. The caterpillars may use silk to wrap leaves together forming a tight cigar-like nest. They may also use silk to envelop leaves producing nests that resemble those generated by fall webworms. Regardless of the type of nests, the caterpillars feed primarily on the upper leaf surface consuming the upper epidermis and spongy mesophyll. They typically leave the lower epidermis and leaf veins intact with the epidermis turning brown.

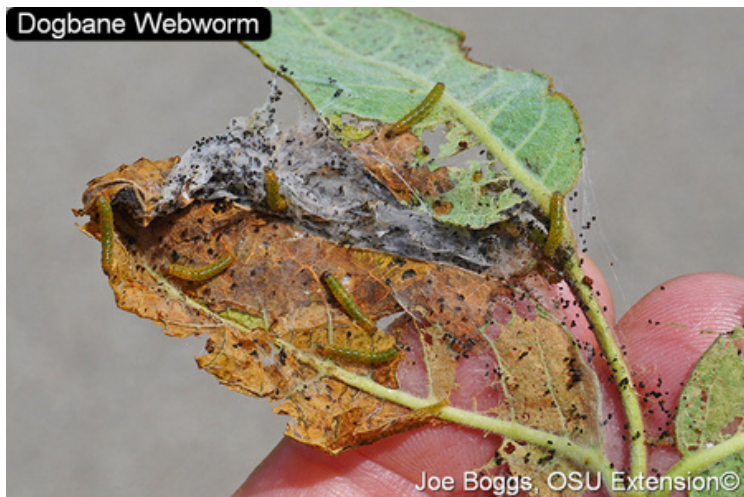
The caterpillars develop through five instar stages. Unlike other insects that feed on



make an accurate plant ID ... your life may depend on it.

HOST MATTERS

The first clue to the true identity of nest-making caterpillars on



Joe Boggs, OSU Extension©

DOGBANE WEBWORM continued...

members of the dogbane family, early instar dogbane caterpillars do not incorporate the alkaloid toxins derived from their host into their flesh to ward off predators. Instead, they depend on the protection of their communal nests with the silk strands imbued with droplets of a chemical deterrent to predators.

The caterpillars are also protected by “cryptic coloration.” They change from yellow to green causing them to blend with their plant host. Indeed, the caterpillars are almost translucent, so their green color motif is the chlorophyll-rich host plant leaf tissue they’ve consumed.

However, as the caterpillars eat themselves out of their silken house and home (literally!), they abandon their protective nests to forage further afield. This generally occurs as they transition from the third to fourth instar stages. Although the caterpillars become nomadic, they tend to stay together as they consume entire leaves.

A PUKING DEFENSE

The caterpillars change their defense strategy once they leave their protective nests. When threatened by a predator, they regurgitate droplets of a nasty brew drawn from their dogbane host. They direct their puke blobs toward their attackers, or they coat their bodies with an odious glaze. Either way, predators like spiders release the presumably nasty-tasting caterpillars and skitter away probably spitting and cursing.

The late instar caterpillars advertise their noxious nature by gradually becoming reddish-orange with black spots. This is called aposematic coloration and lets predators know the caterpillars are a puke threat.

On a side note, you’ll find members of the *Saucrobotys* genus commonly referred to as “panic moths.” I could not find an explanation for this common name. Perhaps it has to do with the caterpillar’s defense strategy of puking when panicked. Of course, my speculation could be influenced by memories of a childhood friend.

CARBON...A NEW SOURCE OF INCOME FOR GRAZERS?

by Mike Estadt, OSU Extension Pickaway County

Open any farm publication, print or digital, and one is likely to see articles related to carbon markets. There are several active companies in the agricultural sector recruiting farmers and landowners to enroll into a carbon credit programs. This proliferation of markets has been due to several factors, but in part it is largely due to the increasing amount of attention by world governments and corporations related to the magnitude of climate change impacts attributed to atmospheric greenhouse gases.

The purpose of this article is to briefly explain why these markets exist, what opportunities grazers and livestock producers may want to give future consideration to and provide you with some additional information that may help one make an informed decision. A key point to be made is that these are voluntary carbon programs, and each farm and ranch is unique as to how it may use a grazing management system or other conservation programs to be eligible for these carbon markets.

Agricultural lands and woodlands owners are being recruited by companies to offset carbon emissions associated with the burning of fossil fuels. Grasslands and trees use the exchange of carbon dioxide in the process of photosynthesis to provide us food, fiber, and energy. How farmers and grazers manage these exchanges will potentially affect the amount of carbon stored in the soil and the amount of greenhouse gases that remain in the atmosphere.

Will carbon offsets solve the climate problem? There is much debate over this question. An offset allows the buyer of the credit to continue to emit carbon dioxide into the atmosphere by investing in a project that reduces emissions somewhere else. The most common offset is the planting of trees that absorb CO₂ as they grow. Multitudes of environmental groups and scientists argue that offsets without the substantial reductions of CO₂ emissions will not result in a reduction of greenhouse gases quickly enough to prevent irreversible effects of climate change associated with a warmer atmosphere.

Who are the buyers of these credits? Large multi-national companies have pledged to become carbon neutral within the next couple of decades. To do this they invest in offset projects to account for direct company emissions, (Scope 1 emissions) associated with the manufacturing of their products.

For many companies the indirect, Scope 3 emissions from activities within their value chain that do not fall directly within the company’s ownership or control, such as transportation and distribution of goods and services are



CARBON continued...

larger than their direct emissions. Investments to promote sustainable practices that reduce a company's carbon footprint within the value chain is called a carbon insert.

Opportunities will potentially present themselves to beef and dairy producers to receive monetary payments for grazing practices that sequester carbon in the soil and production practices that reduce the emissions of greenhouse gases, primarily carbon dioxide (CO₂) nitrous oxide, (NO₃) and methane (CH₄). Scientists estimate that grasslands contain 10-30% of the world's organic carbon with the potential to store more with improved grazing practices. There are several grazing management practices that lend themselves not only to increasing soil carbon, but improvement of water quality, biodiversity of the farm, increased amounts of biomass available for grazing, and improved soil health. Practices include rotational grazing, optimizing stocking rates, nitrogen management, and incorporating forage species to reduce the need for synthetic fertilizers.

Carbon markets can be confusing and complex. It is advised that before signing up that you should do a thorough investigation of the requirements. The National Cattlemen's Beef Association, (NCBA) commissioned a report, "Voluntary Carbon Markets Applicable to Grazing Operations: Review and Considerations for Farmers and Ranchers" that does a thorough job of explaining voluntary carbon markets and poses questions that need to be asked and answered before enrollment.

Companies that are actively engaged in carbon sequestration and greenhouse gas reduction projects are numerous. In the agricultural sector there are many. Companies that focus on grazing management specifically are fewer in number. Most companies focused on grazing and livestock systems are currently in pilot programs. A limited number of projects are active and may not be available in all geographical areas. A few such companies are active in the Midwest including Ohio and Pennsylvania.

ECOSYSTEMS SERVICES MARKET- a national ecosystem services market program that pays farmers and ranchers for quantified, verified, certified, and outcomes-based soil carbon, net greenhouse gases, water quality and water conservation credits generated from regenerative agricultural practices. ESMC is a non-profit, member-based organization and a combination of public and private companies and organizations.

GRASSROOTS CARBON- Serves an intermediary between carbon credit buyers and ranchers that adopt regenerative grazing practices that increases the likelihood of increasing soil carbon. Grassroots provides technical assistance to the farmers and ranchers enrolled in their program.

SOIL AND WATER OUTCOMES FUND- The Soil and Water Outcomes Fund provides financial incentives directly to farmers who transition to on-farm conservation practices that yield positive environmental outcomes like carbon sequestration and water quality improvement. SWOF provides new market opportunities and revenue streams for farmers by selling these environmental outcomes to public and private beneficiaries to meet regulatory and voluntary sustainability goals, such as scope 3 greenhouse gas emission insets. SWOF is currently enrolling Ohio farmers and ranchers.

The limited space available here does not allow for detailed explanation of the complexity of these markets as to what qualifies, how sequestered carbon is verified, length and terms of contracts, and how payment is made. It is also advised that before entering into a contract that a producer have an attorney review it.





THE THRIVING FARMER

information to help farmers and their families
make healthful choices

ALL WORK AND NOT ENOUGH PLAY

by Joseph Maiorano, OSU Extension Harrison County

WORK AND LIFE

For many workers balancing work and life is easier said than done. Farmers are no different: Those long hours, especially during certain days, weeks, or seasons, makes it difficult to have more time for life and less time for work. As such, farmers have an imbalance between work and life, and the scale, unfortunately, is tipped towards work.

WORK AND FAMILY

But, what about farmers' balance between work and family? In Ohio, families own 99% of farms (USDA), which usually means that family members help with the work. One farmer shared that Sunday was family day on her farm: All family members reported for work on Sunday afternoon. I'm not sure how it is for other farm families, yet I think that farmers have an imbalance between work and family. On the one hand, the imbalance between work and family seems to favor time with family. On the other hand, if family time is mostly work and very little, if any, play, then that might illustrate an imbalance in another area.

WORK AND PLAY

Farmers spend much time with their families, but farmers must try to achieve some balance between work and play. Work is important, but so is play. Child development scientists, for a long time, have documented the important role of play in children's development. When adults, for example parents, spend time in unstructured pretend and physical play with their children, those children may develop positive relationships with these adults. Also, unstructured play helps children develop creativity, memory, motor skills, cognitive flexibility, emotion regulation, regulation of emotions.

Data from recent studies suggest that adults who play—do activities that they enjoy—have reduced stress and a greater sense of well-being (see e.g., Proyer, 2013). Adult play, which is more than merely goofing off, has many forms, but there are some common characteristics. For example, adult play engages your mind; is pleasurable; and the process, or doing, is more important than the product.

When you take some time for adult play, do activities that you enjoy. When play time is with your children and family members, you could ask what they might like to do. You may not be used to playing, but hopefully the experiences will reward your efforts and encourage your persistence.

Proyer, R. T. (2013). European Journal of Humor Research. 1(1). Downloaded on November 10, 2021, from, <https://www.europeanjournalofhumour.org/index.php/ejh/article/view/Rene%20Proyer>

USDA, Natural Resources Conservation Service. (N. D.). Overview of Ohio. Downloaded on November 10, 2021, from, https://www.nrcs.usda.gov/wps/portal/nrcs/oh/about/outreach/nrcs144p2_029664/

Photo:

Rudyanderson. (n. d.). Downloaded from, <https://pixabay.com/photos/water-fight-children-water-play-442257/>

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.

2022 FARM SCIENCE REVIEW

Don't miss *THE* farm show of the year!
September 20-22

**BUY
TICKETS
ONLINE!**

CELEBRATING
**60
YEARS**

EMBRACING
TIME AND CHANGE

London, Ohio

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UNIVERSITY**

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

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.

Spotted lanternfly adults are out and about...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!



Pesticide & Fertilizer Licensing

EXAM INFORMATION

The new 2022 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:

September 20th 9AM-1PM
Ohio Valley Towers Building/OSU
Extension, 2nd Floor Conference
Room, 500 Market Street,
Steubenville, OH

October 18th 9AM-1PM
Harrison County Fairgrounds
Commercial Building, 550 Grant
Street, Cadiz, 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



STUDY MATERIALS

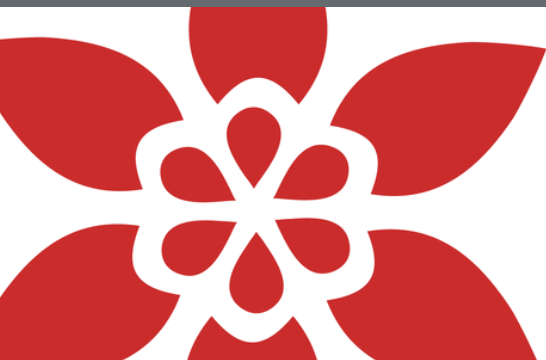
Commercial applicators may receive study materials after submitting applications with license fees to the Ohio Dept. of Agriculture. Applicators may also request additional study packets from the Jefferson County Extension office - call 740-264-2212 to put in a request.

For more information on obtaining a pesticide license, visit pested.osu.edu. For fertilizer certification, visit 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.



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 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.

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.

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



JAPANESE STILTGRASS

Microstegium vimineum

In recent years, you may have started to notice a nice, green carpet covering the forest floor. It almost looks magical, right? Think again.

Japanese Stiltgrass is a highly invasive plant species that is easily spread by people, wildlife and floods. It forms dense colonies or monocultures when conditions are right - when nutrients, moisture, and light are adequate, it can suppress or out-compete many native plants found in the woodland understory. Often, it is found in areas with long forest edges, roads, trails, ditches, and stream corridors as well as floodplains and in moist, early-successional fields. It thrives best in areas without access to full sunlight.

Once established, colonies are very difficult to get back under control, and it will take a significant investment of time, effort and resources over a long period of time.



Detecting infestations early and implementing a rapid response are the best options for controlling Japanese stiltgrass. Learn to identify it so you know what to look for. Regularly inspect and clean equipment to prevent spread. Learn more about identification and management of this invasive plant at <https://ohioline.osu.edu/factsheet/F-70-11>



Spotted lanternfly adults are out and about...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!





A-I School

October 5, 6, and 7, 2022

Eastern Ag Research Station,

16870 Township Road 126, Caldwell, OH

Cost: \$150.00 - includes program materials and lunch

October 5 - 9:00 am – 3:00 pm

Speakers:

Erika Lyon, Ag/NR Educator,
Harrison/Jefferson Co.

Clif Little, Ag/NR Educator,
Guernsey Co.

Eastern Area Research Station staff

Garth Ruff, Field Specialist, Beef
Cattle

Christine Gelley, Ag/NR Educator,
Noble Co.

Topics:

Value of Reproduction

Management • Basic A.I.

Instruction • Preparing for Calving

• Pasture Management • EPD's

October 6– 9:00 am am

Speakers:

COBA/Select Sires,

Dr. Garcia Guerra Alvaro, OSU
Animal Science Dept. Reproductive
Tract Anatomy & Physiology, Dan
Lima, Ag/NR Educator, Belmont Co.

Christine Gelley, Ag/NR Educator,
Noble Co. Dr. John Groah, DVM,
McConnellsville, OH Clif Little, Ag/NR
Educator, Guernsey Co. Kevin
Stottsberry, Manager – Animal Herds

Topics:

Tools, Equipment, Services • Estrous
Synchronization

Activity: Work with Cows

October 7– 9:00 am

Speakers:

Dr. Garcia Guerra Alvaro, OSU
Animal Science Dept. Reproductive
Tract Anatomy & Physiology, Dan
Lima, Ag/NR Educator, Belmont
Co. Christine Gelley, Ag/NR

Educator, Noble Co., Dr. John
Groah, DVM, McConnellsville, Clif
Little, Ag/NR Educator, Guernsey
Co., Kevin Stottsberry, Manager –
Animal Herds

Topics:

Estrous Synchronization

Activity: Work with Cows

Space filled on a first come/first served basis. Limited to first 20 registrations (form below & \$150) received. Registrant will be notified when they are accepted into the class. Registration money is non-refundable once accepted into class. Registrations received beyond the first 20, will be returned.

For more information contact: Clif Little, OSU Extension, Guernsey County at 740-489-5300

A-I School

Return this section with fee.

Make checks payable & send to:
OSU Extension
PO Box 300
Old Washington, OH 43768

Name _____

Address _____

Phone _____

Email _____

_____ # of participants @ \$150. = _____ enclosed

CALLING ALL JEFFERSON COUNTY

GROWERS AND PRODUCERS!



WE ARE CURRENTLY EVALUATING INTEREST IN LOCAL FOODS, GREEN INDUSTRY AND AGRITOURISM MARKETING TOOLS TO HIGHLIGHT LOCAL AGRICULTURE AND CONNECT PRODUCERS OF FOOD PRODUCTS, HORTICULTURAL SERVICES AND AGRITOURISM OPERATIONS TO CONSUMERS ACROSS THE COUNTY.

Interested? Take the survey at

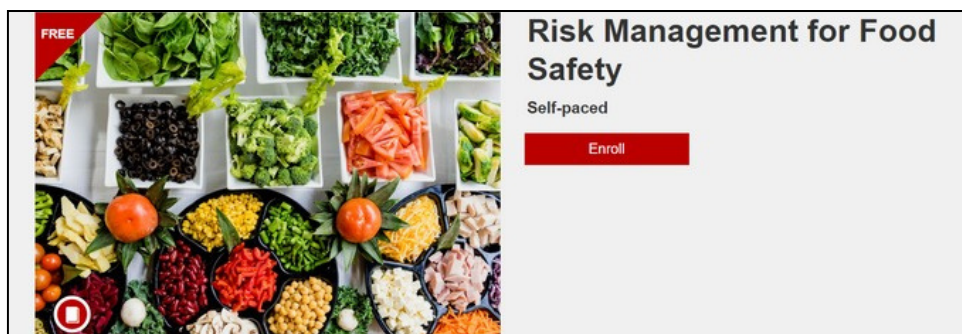
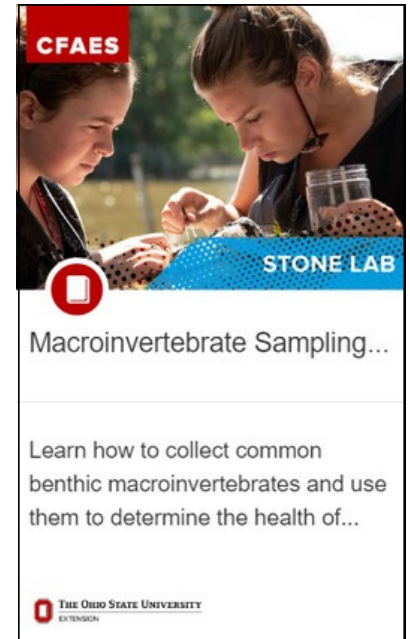
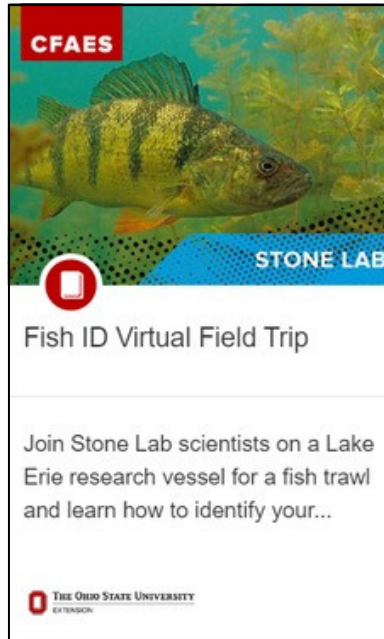
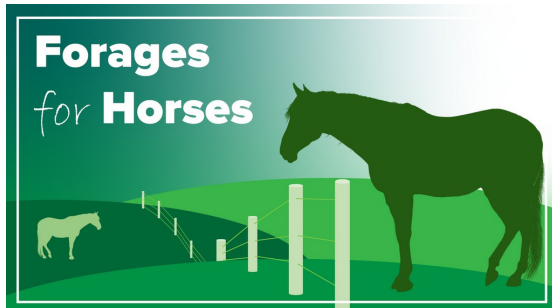
[HTTPS://GO.OSU.EDU/JEFFCOLOCALFOODSANDPRODUCTS](https://go.osu.edu/jeffcoLocalFoodsAndProducts)



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Online Courses

in ScarletCanvas



COMING SOON:

- Good Agricultural Practices (GAPs - available this fall)
- Ohio Woodland Health Practices for Service Providers (available this fall)
- The Woods in Your Backyard (Available 2023)
- 23 Questions of Plant Diagnostics (Available 2023)

See additional courses at

<https://scarletcanvas.osu.edu>



Jefferson County

Discover
Yourself
in **4-H**

SAVE THE DATE:
**The Annual 4-H
Advisor's Appreciation
Banquet**
Monday, October 10th, 6PM
at Le Chateau Pier,
Smithfield, OH
Invitations will be in
the mail soon!

NATIONAL MAKE A DIFFERENCE DAY OCTOBER 22, 2022

National Make a Difference Day brings community service to a whole new level each year. Organizations join forces on the fourth Saturday in October to make a difference, big or small.

So, let's put our head, heart, hands, and health to make a difference day!

Post a photo on the Facebook page on how you made a Difference.

COMMUNITY SERVICE OPPORTUNITIES

- ☒ Jefferson County Humane Society
- ☒ Volunteer at the Urban Mission
- ☒ Volunteer at local Nursing Homes/ Assisted Livings

NEW JEFFERSON COUNTY 4-H LIVESTOCK JUDGING TEAM

Do you want to be part of the new Jefferson County 4-H Livestock Judging Team? Does being the judge and sorting through livestock of multiple species sound like fun to you? Are you a great communicator and can provide oral reasons for your livestock placement decisions?

Then, this is the team for you!

Spots are limited.

To sign up contact

Erin Ogden at 740-424-4313.



JEFFERSON COUNTY FAIR SETS LIVESTOCK SALE RECORD!

BY ANGIE ALLISON, OSU 4-H EDUCATOR

The 2022 Jefferson County Fair livestock sale set a record by totaling more than \$466,000 in sales! Fairboard President Ray Hilderbrand said the junior fair sale was the star of the show for the 151st fair with the theme Bright Lights, Country Nights – Best of Both Worlds!

“Our sale averages were impressive,” he said. “We have wonderful community members who come out every year in support of our junior fair youth. It really is remarkable. Our youth members worked hard on these livestock projects throughout the year and the buyers rewarded them for their dedication.”

This year the cutting of the ribbon to open the fair, and also serving as the parade’s grand marshal was the Abdalla Family in honor of the late Sheriff Fred Abdalla Sr.



“Sheriff Abdalla was a huge supporter of this fair,” Hilderbrand said. “He was here every year, not just patrolling the grounds but purchasing livestock, visiting fairgoers and supporting what we do here. He is dearly missed, so it was only fitting to honor him and his family here.”

Hilderbrand noted that Sheriff Fred Abdalla Jr. patrolled the grounds and purchased animals at the 2022 fair just as his late father has always done. Abdalla Jr. was one of the top ten buyers this year.

“We are happy that Fred Abdalla Jr. is carrying on the tradition,” he said.

The 2022 livestock sale by the numbers is as follows:

Total sale: \$466,139.20

Beef

- Grand Champion Steer was raised by Bailey Harris, Wildwood Critters 4-H Club. It sold for \$6.50 per pound to Team Automotive Group of Steubenville.

Reserve Champion Steer was raised by Hannah Randolph, Wildwood Critters 4-H Club. It sold for \$6.00 per pound to Van's Iron & Metal.

Steers; 16 head, Average \$4.14 with champion, \$3.84 without champion, Total sales \$88,387.

- Grand Champion Beef Breeding project was raised by LeeAnna Horstman of the Wildwood Critters 4-H Club.

Reserve Champion Beef Breeding project was raised by Ava Cline of the 43 Ramblers 4-H Club.

- Grand Champion Jefferson County Best Bred Steer project was raised by Carly Long, Country Rangers 4-H Club.

Reserve champion Jefferson County Best Bred Steer project was raised by Corissa Griffith of the Windy Ridge 4-H Club.

- Grand Champion Heifer Feeder was raised by Boady Wood of the Buckeye Variety Livestock 4-H Club.

Reserve Champion Heifer Feeder was raised by Cameron Best of the Free Spirits 4-H Club.

- Grand Champion Steer Feeder was raised by Boady Wood of the Buckeye Variety Livestock 4-H Club.

Reserve Champion Steer Feeder was raised by Cameron Best of the Free Spirits 4-H Club.

Beef Feeders; 12 head, Average \$3.73 with champions, \$3.48 without champions, Total sales \$23,481.70.

Dairy

- Grand Champion Dairy Feeder Calf Steer was raised by Colby Smith of the Buckeye Variety Livestock 4-H Club. It sold for \$5.00 per pound to Blaine and Bonnie Randolph.

Reserve Champion Dairy Feeder Calf Steer was raised by Kendall Barker of the Buckeye Variety Livestock 4-H Club.

It sold for \$5.00 per pound to Alan Craft.

- Grand Champion Market Dairy Steer was raised by Grace Browning of the Buckeye Variety Livestock 4-H Club. It sold for \$3.25 per pound to Wetherell Enterprises.

Reserve Champion Market Dairy Steer was raised by Alexander Newburn of the 43 Ramblers 4-H Club. It sold for \$3.00 per pound to Custom Drilling Services, Inc.

- Grand Champion Dairy Calf was raised by Corissa Griffith of the Windy Ridge 4-H Club.

Reserve Champion Dairy Calf was raised by Shane Griffith of the Windy Ride 4-H Club.

Dairy Steers; 4 head, Average \$2.56 with champions, \$2.33 without champions, Total sales \$13,775.75.

Hogs

Grand Champion Hog was raised by Lindsey Best of the Free Spirits 4-H Club. It sold for \$17.50 per pound to Jason Saiter.

Reserve Champion Hog was raised by Julianna King of the Free Spirits 4-H Club. It sold for \$20.00 per pound to Sheriff Fred Abdalla Jr.

Hogs; 150 head, Average \$6.28 with champions, \$6.11 without champions, Total sales \$236,026.15.

Goats

Grand Champion Market Goat was raised by Wesley Moore of the Buckeye Variety 4-H Club. It sold for \$2100 to Damian Kovarik.

Reserve Champion Market Goat was raised by Reece Fomenko of the Country Classics 4-H Club. It sold for \$1100 to Encino.

Goats 26 head; Average \$646.15 with champions, \$566.67 without champions. Total \$16,800

Lambs

- Grand Champion Market Lamb was raised by Giullianna Prolago of the Sunrise Lads N' Lassies 4-H Club. It sold for \$13.50 per pound to Encino.

Reserve Champion Market Lamb was raised by Giuliana Wiley of the Buckeye Varieties 4-H Club. It sold for \$11.00 per pound to Williams Companies.

Grand Champion Ewe was raised by Alexis Rager of the Dirt Diggers 4-H Club.

Sheep 21 head; Average \$8.50 with champions, \$8.21 without champions. Total \$22,939.50

Rabbits

- Grand Champion Pen of Market Rabbits were raised by Autumn Grafton of the 4-H Varieties 4-H Club. The pen of rabbits sold for \$1500 to Barbara Bradley. T.S. Electric added \$250 to the sale.

Reserve Champion Pen of Market Rabbits was raised by Alayna Starr of the Happy Hooves and Fancy Feathers 4-H Club. The pen sold for \$1000 to Images Styling Salon.

Market Rabbits; 12 pens, Average \$526.67 per pen with champions, \$382 per pen without champions.

Chickens

- Grand Champion Market Chickens Pen of Three was raised by Mya Bonecutter of the Happy Hooves and Fancy Feathers 4-H Club. The pen sold for \$1500 to Mike Petrella, Mayor of Wintersville.

Reserve Champion Pen of Three Market Chickens was raised by Blake Moran of the Broken Fences 4-H Club. The pen sold for \$800 to Encino.

Market Chickens; 30 pens, Average \$545.60 per pen with champions, \$502.43 without champions, Total sales \$16,368.

Geese

- Grand Champion Market Goose was raised by Lizzie Frank of the Town & Country 4-H Club. It sold for \$1200 to Mike Petrella Wealth Management.

Reserve Champion Market Goose was raised by Paul Pasco of the Happy Hooves and Fancy Feathers 4-H Club. It sold for \$900 to Hidden Hollow Farm.

Market Geese; 4 pens, Average \$775 per pen with champions, \$500 per pen without champions, Total sales \$3100.

Turkeys

- The Grand and Reserve Champion Market Turkeys were raised by Ian Latynski of the Town & Country 4-H Club. The grand champion turkey sold for \$2500 to Big 4 Development, while the reserve champion sold for \$1800 to CYA Exchange LLC, and Carrollton Livestock Auction & Cronebaugh Auctions.

Turkeys; 21 head, Average \$697.62 with champions, \$544.74 without champions, Total sales \$14,650.

Ducks

- The Grand and Reserve Champion Market Ducks were raised by Johanna George of the Town & Country 4-H Club. The grand champion pen of market ducks sold for \$1800 to Encino, while the reserve champion pen of market ducks sold for \$1000 to Access Ohio Valley & Smart Way Communications.

Ducks; 10 pens, Average \$937.50 per pen with champions, \$821.88 per pen without champions, Total sales \$23,481.70.

The top ten buyers were:

Jefferson Landmark, Encino, Hidden Hollow Farm, D&J Sales and Service, Sheriff Fred Abdalla, Allen Oil/Quik Mart, 2x Transportation, MPLX, Blaine and Bonnie Randolph and Van's Iron & Metal.

Dogs:

Champion - Kacey Kale, Golden Horseshoe 4-H Club, Rally Intermediate A
Champion – Clara Hoffman, Steubenville City Seedlings, Beginner Novice A
Reserve Champion – Emma Burr, 4-H Varieties, Beginner Novice A
Champion – Kacey Kale, Golden Horseshoe, Novice B

Exhibition Goats

- Grand Champion Pygmy Goats – Leila Sudvary of the Broken Fences 4-H Club.
- Reserve Champion Pygmy Goats – Samantha Ankrom of the Golden Horseshoe 4-H Club.
- Grand Champion Mini Silky Fainting Goat – Clairanne Jolly of the Country Classics 4-H Club
- Reserve Champion Mini Silky Fainting Goat – Clairanne Jolly of the Country Classics 4-H Club
- Grand Champion Nigerian Dwarf Goat – Kaleigh Lally of the Cross Creek Tomahawks 4-H Club
- Reserve Champion Nigerian Dwarf Goat – Kylie Watt of the 4-H Varieties 4-H Club.
- Grand Champion Companion Goat – Kaleigh Lally of the Cross Creek Tomahawks 4-H Club
- Reserve Champion Companion Goat – Madison Taylor of the 4-H Varieties 4-H Club.
- Overall Goat Dairy Champion of Champions – Jason Swickard – Independent Exhibitor.
 - Grand Champion Meat Goat – Amelia Flory of the Country Classics 4-H Club.
- Reserve Champion Meat Goat – Kaydence Kinyo of the Windy Ridge 4-H Club.

Exhibition Chickens

- Grand Champion Fancy Chicken- Timothy Lamantia of the Country Classics 4-H Club.
- Reserve Champion Fancy Chicken – Rachel Jarman of the Warren Ridge 4-H Club.
- Grand Champion Chicken Layers – Timothy Lamantia of the Country Classics 4-H Club.
- Reserve Champion Chicken Layers – Isabella Roth of the Appalachian 4-H'ers 4-H Club.

Exhibition Geese

- Grand Champion Fancy Goose – Lizzie Frank of the Town & Country 4-H Club.

Exhibition Ducks

- Grand Champion Fancy Ducks – Rachel Jarman of the Warren Ridge Wranglers 4-H Club.
- Reserve Champion Fancy Ducks – Haylee Brown of the 4-H Varieties 4-H Club.

Exhibition Rabbits

- Grand Champion Doe & Litter Rabbits – Paige Smith of the Happy Hooves And Fancy Feathers 4-H Club.
- Reserve Champion Doe & Litter Rabbits – Olivia Dudley of the Warren Ridge Wranglers 4-H Club.
- Grand Champion Junior Doe Rabbit – Mercy McGalla of the Liberty Guys & Gals 4-H Club.
- Reserve Champion Junior Doe Rabbit – Kylie Watt of the 4-H Varieties 4-H Club.
- Grand Champion Junior Buck Rabbit – Kaydence Jeffers of the
- Reserve Champion Junior Buck Rabbit – Ella Hall of the
- Grand Champion Senior Doe Rabbit – Autumn Grafton of the
- Reserve Champion Senior Doe Rabbit – Kylie Dray of the
- Grand Champion Senior Buck Rabbit – Autumn Grafton of the 4-H Varieties 4-H Club.
- Reserve Champion Senior Buck – Megan Burrier of the Windy Ridge 4-H Club.

Rabbit Best Of Show

Autumn Grafton of the 4-H Varieties 4-H Club.

Rabbit Best of Breed Winners include:

Californian – Raleigh Doyle of the Country Kids 4-H Club.

Dutch – Shayla Ralston of the Sunrise Lads N' Lassies 4-H Club

English Spot – Delia Wetherell of the Liberty Gals & Guys 4-H Club.

Flemish – Shayla Ralston of the Sunrise Lads N' Lassies 4-H Club

Harliquin – Evan Buchanan of the Happy Hooves And Fancy Feathers 4-H Club.

Hotot – Justin Richardson of the Warren Ridge Wranglers 4-H Club.

Jersey Wooly – Rachel Jarman of the Warren Ridge Wranglers 4-H Club.

Fuzzy Lops – Megan Burrier of the Windy Ridge 4-H Club.

Holland Lops – Autumn Grafton of the 4-H Varieties 4-H Club.

Mini Lops – Kloe Anthony of the Dirt Diggers 4-H Club.

Netherland Dwarfs – Haylee Brown of the 4-H Varieties 4-H Club.

Horses

Walk/Trot Beginner English Equitation rail work

1st John Wood of the Country Rangers
2nd Eleanor Richards of the Country Rangers

Walk/Trot Beginner English Equitation

1st Bayleigh Gump of Buckeye Variety Livestock
2nd Harley Kemp of Country Classics 4-H Club

English Equitation

1st Jenna Anderson of Country Classics 4-H Club
2nd Makenna Carter of Country Classics 4-H Club

Gaited Equitation

1st Lily Larkins of Country Classics 4-H Club
Walk/Trot Beginner English Pleasure rail work
1st John Wood of Country Rangers 4-H Club
2nd Khloe Buchanan of Happy Hooves and Fancy Feathers 4-H Club

Walk/Trot Beginner English Pleasure

1st Baleigh Gump of Buckeye Variety Livestock 4-H Club.
2nd Harley Kemp of Country Classics 4-H Club
English Pony Pleasure
1st Adalee Long of Country Classics 4-H Club.

English Horse Pleasure Ages 14-19

1st Makenna Carter of the Country Classics 4-H Club
2nd Jenna Anderson of the Country Classics 4-H Club

Ages 8-13

1st Mihaela Petric independent exhibitor
2nd Leila Sudvary of the Broken Fences 4-H Club.

Gaited Horse Pleasure

1st Lily Larkins of the Country Classics 4-H Club.
Hunter Hack Equitation Over Fences
1st Lindsey Best of the Free Spirits 4-H Club.

Light Pony Hitch

1st Kaitlynn Merkel of the Country Rangers 4-H Club.

Light Pony Hitch

1st Lily Larkins of the Country Classics 4-H Club.

Draft Horse Hitch

Adrienne Granatir of the Country Rangers 4-H Club.

Beginner Walk/Trot Western Horsemanship rail work

1st Tallyn Larkins of Country Classics 4-H Club
2nd Cameron Knight of the Windy Ridge 4-H Club

Beginner Walk/Trot Western Horsemanship

1st Bayleigh Gump of the Buckeye Variety Livestock 4-H Club
2nd Faith Cooper of the Country Classics 4-H Club

Western Pony Horsemanship

1st Adalee Long of the Country Classics 4-H Club

Western Horsemanship Ages 14-19

1st Allison Bell of the Country Classics 4-H Club
2nd Makenna Carter of the Country Classics 4-H Club

Western Horsemanship Ages 8-13

1st Mayelee Rawson of the Country Classics 4-H Club
2nd Mihaela Petric Independent Exhibitor

Junior Western Pleasure

1st Maddie Granatir of the Country Rangers 4-H Club
2nd Mayelee Rawson of the Country Classics 4-H Club

Beginner Walk/Trot Western Pleasure rail work

1st Tallyn Larkins of the Country Rangers 4-H Club
2nd Eleanor Richards of the Country Rangers 4-H Club

Beginner Walk/Trot

1st Bayleigh Gump of the Buckeye Variety Livestock 4-H Club
2nd Faith Cooper of the Country Classics 4-H Club

Trail Class 8-13

1st Amelia Ault of the Country Classics 4-H Club
2nd Bayleigh Gump of the Buckeye Variety Livestock 4-H Club

Trail class 14-19

1st Allison Bell of the Country Classics
2nd Micah Larkins of the Country Classics

Western Pleasure ages 14-19

1st Makenzie Carter of the Country Classics 4-H Club
2nd Allison Bell of the Country Classics 4-H Club

Western Horse Pleasure 8-13 years

1st Mihaela Petric Independent Exhibitor
2nd Mayelee Rawson of the Country Classics 4-H Club

Ranch Pleasure ages 8-13

1st Rebecca Richards of the Country Rangers 4-H Club
2nd Mia Nolan of the Golden Horseshoe 4-H Club.

Pony Barrels ages 14-19

1st Cara Arnett of the Country Shamrocks 4-H Club.

Pony Barrels ages 8-13

1st Lynay Marchbank of the Town & Country 4-H Club
2nd Brooklyn Torok of the Town & Country 4-H Club.

Horse Barrels ages 14-19

1st Reece Fomenko of the Country Classics 4-H Club
2nd Hayden Maple Independent Exhibitor

Horses, continued...

Horse Barrels ages 8-13

1st Lina Stingle of the Golden Horseshoe 4-H Club

2nd Ava Conley of the Town & Country 4-H Club

Pony Pole Bending ages 14-19

1st Cara Arnett of the Country Shamrocks 4-H Club

Pony Pole Bending ages 8-13

1st Lynay Marchbank of the Town & Country 4-H Club

2nd Lyla Worwa of the Country Shamrocks 4-H Club

Horse Pole Bending Ages 14-19

1st Reece Fomenko of the Country Classics 4-H Club

2nd Hayden Maple Independent Exhibitor

Horse Pole Bending ages 8-13

1st Lina Stingle of the Golden Horseshoe 4-H Club

2nd Ava Conley of the Town & Country 4-H Club

Pony Keyhole ages 8-13

1st Lynay March bank of the Town & Country 4-H Club

2nd Brooklyn Torok of the Town & Country 4-H Club

Horse Keyhole ages 14-19

1st Brynn McKeever of the Town & Country 4-H Club

2nd Hayden Maple Independent Exhibitor

Horse Keyhole ages 8-13

1st Lina Stingle of the Town & Country 4-H Club

2nd Ava Conley of the Town & Country 4-H Club

Stakes Race under 58"

1st Lyla Worwa of the Country Shamrocks

Stakes Race over 58"

1st Lina Stingle of the Golden Horseshoe 4-H Club

2nd Hayden Maple Independent Exhibitor

Versatility

1st Allison Bell of the Country Classics 4-H Club

2nd Lindsey Best of the Free Spirits 4-H Club





Most Outstanding Exhibitor

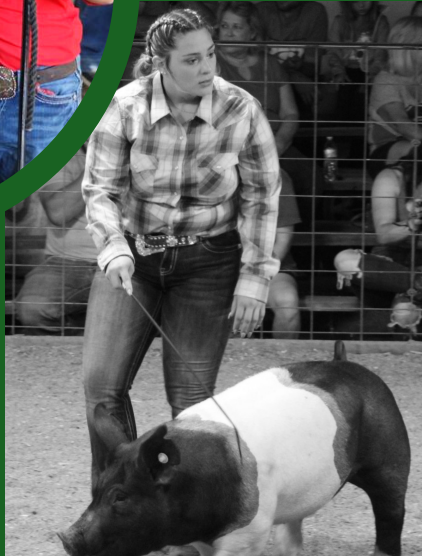
The following individuals were recognized as the Jefferson County Most Outstanding Exhibitor recipients:

Horse – Allison Bell, Country Classics
Hogs – Lindsey Best, Free Spirits
Beef and Dairy – Corissa Griffith, Windy Ridge
Rabbits – Autumn Grafton, 4-H Varieties
Goats – Natalie Lucas, Country Classics
Small Animal – Rachel Jarman, Warren Ridge Wranglers
Sheep – Caleb Miller, Windy Ridge
Poultry – Grace Miller, Windy Ridge
Dog – Clara Hoffman, Steubenville City Seedlings

The following 4-H members were crowned as fair royalty:

Prince Caleb Miller of the Windy Ridge 4-H Club
Princess Kaitlynn Merkel of the Country Rangers 4-H Club
King Raleigh Doyle of the Country Kids 4-H Club
Queen Allison Bell of the Country Classics 4-H Club







Jefferson County 4-H

Saddle Horse Committee

Rigatoni Dinner Fundraiser

Jefferson County 4-H Saddle Horse Committee will be hosting a rigatoni dinner
Saturday, October 15 during the 4-H Fall Fest!

Proceeds will assist with the costs of the 2023 Horse Camp. The committee is requesting that clubs donate a 12 pack of soda and a dessert. They would like Pepsi, Mountain Dew, Dr. Pepper, Sierra Mist, Sweet Tea, Lemonade and any variety of desserts. Please private message or text Erin Ogden at 740-424-4313 if you are willing to donate and the items that you are donating.



Jefferson County
4-H Saddle Horse Committee
Rigatoni Dinner Fundraiser

5 -9 PM Saturday, October 15 2022
Jefferson County Fairgrounds Kitchen

\$10 DINNER : INCLUDES SALAD, DRINK AND DESSERT
TO-GO DINNERS AVAILABLE

Don't miss the silent auction

Pre-sale tickets available, see a committee member.

4-H Fall Festival

Saturday, October 15, 5-9pm

Jefferson County Fairgrounds

5-9pm- Come Support the 4-H Saddlehorse Committee's Rigatoni Dinner Fundraiser

6-8pm- Trunk or Treat

Each club is asked to decorate a vehicle and pass out candy, provided by your club. Costumes are asked to be worn but are not mandatory! If your club wants to do more than one car, that is great! Email haught.95@osu.edu to verify your club's car and who is in charge of your club's candy distribution.

7-9pm- Dance and Bonfire

Please bring your own lawn chairs and items to make your own smore's or roast your own hotdogs per club. We will not be providing these items, but your club can!

Other Festival Activities:

Pumpkin Carving Contest

Bring your already carved/ decorated pumpkin for a contest! Enter as many of the following categories as you like! All categories include a

Junior, Intermediate, and Senior Division.

Categories include: Pumpkin Hand Carving, Stencil Carving and No Carving-Decorated

The classes include: Scariest, Cutest, Funniest, Holiday, Most Original

Names are to be put on the bottom of your pumpkin with your age and club name in black Sharpie marker BEFORE arriving at the fairgrounds.

Haunted Barn

Photo Booth



MOST OUTSTANDING 4-H'ER



It's time for the Most Outstanding 4-H'er competition!

Did you have a fantastic 4-H year? Did you achieve and participate in so much that you think you should be named the 2022 Most Outstanding 4-H'er?

If so, your achievement form and one-page essay for MO4-H'er must be received by 4 pm, Sept. 15, at the OSU Extension office. (We highly suggest hand delivery rather than USPS mail.)

Interviews for the competition will be held at 6 pm the first Monday in October every year at the OSU Extension office 500 Market Street, Suite 512, Steubenville, Ohio 43952. So, that means this year's interview date and time is 6 pm, Oct. 3, 2022!

To apply, we must receive in the OSU Extension Office, the following two documents by 4 pm, Sept. 15:

- 1. An updated 4-H Ohio Achievement Form.** The link can be found here: <https://ohio4h.org/awardsandscholarships> Your birthdate on the form will determine your age category for competition. Age categories are determined by 4-H age. Age 14 and older are senior contestants. Age 13 and younger are considered junior contestants. You may win the award only once per age category.
- 2. A one-page essay** answering the following question, "I should be named the 2022 Most Outstanding 4-H'er because...."

Then secondly, you must attend the in-person interview portion of the competition:

- 1. Interviews** will be held starting at 6 pm, October 3 at 500 Market Street, Suite 512, Steubenville, Ohio 43952. A more detailed interview schedule will be posted on the FB page after all entries are received.

There will be no exceptions made for missing the in-person interview portion of the competition, meaning you are automatically disqualified if you can not attend in-person for any reason. There are no options for phone or zoom interviews.

We look forward to receiving your application and good luck!

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)



THE OHIO STATE UNIVERSITY
EXTENSION

fcs.osu.edu

— We Sustain Life —

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Happy Fall Y'all

LESLIE'S CORNER

Cloverbud and J-Fit



Something New happened at Cloverbud Camp at the Fair this year.

We drew names from a hat for Duke and Duchess. This coming year I will be doing the same thing. So, for each activity you come to your name will be put in the hat. Also, if you bring finished activities in newsletter or email the finished activity, I will also add your name.

A special award will also be given at the Award Ceremony for the most Attendance and Most Beads Collected. The New Year starts now for 2023. Let's start collecting. A new chain will be passed out at Fall Fest.

Cloverbud activities for September and October

Directions on next page.

1. Leaf rubbing **leaf bead**

2. Make a No-Bake birdseed Ornament to hang in tree. **Blue bead**

3. Have Purr-fect attendance at school. **Cool cat**

Let me know if you have a birthday in September or October for your Birthday Bead.
Make a Difference Day October 22, 2022 Make a difference and receive a peace bead.
Looking forward = Scavenger hunt throughout Jefferson County..

J-Fit Activities and Cloverbud

Participate in a school or organized sport activity

Megaphone bead

Rake leaves

High five hand bead

Take a hike with friends or family

Foot Bead

Fall Fest October 15th, 2022

Activities

4-H Saddlehorse Committee Fundraiser Dinner 5-9pm

Truck or Treat 6-8pm Dance and Bonfire 7-9pm

Truck or Treat - anyone can decorate a car and pass out candy.

Kids are asked to dress up. Located on Midway **Brain bead**

Haunted Barn - a barn will be decorated to walk through. **Skull bead**

Dance - the night away **T-Riffic moves bead**

Rigatoni dinner - proceeds go to 4-H Horse Committee

Bonfire - bring lawn chair and smore supplies if you like!

Photo booth - all night.

Bring pumpkins already made up. **Pumpkin bead**

Bring leaf rubbing and birdseed ornament to hang in tree to earn a ribbon

Leslie Aftanas

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

Practice your 4-H Pledge

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Cooperative Connection

Jefferson County Extension



No-Bake Birdseed Ornament

These couldn't be easier to make, and the birds will thank you once the weather gets cold. Don't forget the ribbon so you can hang your creations outside.

Ingredients:

- ¼ cup hot water
- 1 (1oz) box gelatin
- 1 cup birdseed
- 4 cookie cutters, sprayed with pam to avoid sticking

Steps

1. In a medium bowl, add the hot water and gelatin; mix well to thoroughly combine. Quickly stir in the birdseed into mixture to fully combine.
2. Line a baking sheet with parchment. Place cookie cutters on parchment and spoon birdseed mixture into cookie cutters. Let mixture set inside cutters for 15 min. Using a Skewer or chopstick, poke a hole in the top of each ornament.
3. Refrigerate 30-60 min. to harden. If the hole has closed slightly, pole the hole with skewer again, if needed. Insert a piece of ribbon through the hole to create a loop. Hang our ornaments outside and wait for the birds to arrive



Leaf Rubbings

Steps

1. Collect leaves. Collect leaves of various shapes and sizes
2. Position a leaf. Place a leaf with its bottom side facing up
3. Place paper over the leaf
4. Rub a crayon
5. Rub over the entire leaf
6. Remove the leaf
7. Make more leaf rubbings

Overlap the leaf rubbings to create a stunning picture!

SEPTEMBER

- 9/3-5 **Camp Ohio Weekend Family Camp, Louisville**
9/9-10 **State Competitive Trial Ride**
9/13 **4-H Committee Meeting, OSU Extension Meeting Room**
9/15 **Honor Forms DUE**
M04-H'er Updated State Achievement Form and Essay DUE
9/20 **Pesticide & Fertilizer Exam, 9AM-1PM, Jefferson**
9/20-22 **Farm Science Review, London**
9/26-29 **National Dairy Conference, Wisconsin**

OCTOBER

- 10/3 **M04-H'er interviews, 6PM, OSU Extension Office**
10/3-9 **National 4-H Week**
10/6-7 **A-I School, 7-9PM**
10/10 **4-H Advisor's Appreciation Banquet**
10/15 **4-H Fall Festival, 5-9PM, Fairground**
Jefferson County 4-H Saddlehorse Committee Rigatoni Dinner, 9PM
10/18 **Pesticide & Fertilizer Exam, 9AM-1PM, Harrison**
10/22 **National Make a Difference Day**

- **Dates Subject to Change**



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

Visit 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!

Ohio State University Extension Jefferson County greatly appreciates the support of the Jefferson County Commissioners: Dr. Thomas Graham, Dave Maple, Jr., and Tony Morelli.

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