

Cooperative **CONNECTION**

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

SEPTEMBER-OCTOBER | 2021

**Be on the
lookout
for fall
armyworm...**

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Corner.....pages 19-21





Letter from the Editors

Dear Readers,

Wow - summer has just flown by! We just can't believe we are almost to fall already!

A special thanks to the buyers and youth who participated in the jr. fair livestock auction - the record for hogs was smashed twice, first by Cameron Best at \$21/lb. and then by Julianna King at an extraordinary \$60/lb. Congratulations to all youth who participated this year!

We would like to thank Kasey Kuntz, SNAP-Ed program assistant for Jefferson and Harrison County Extension, for her service in the counties for the past several years. Kasey joined Extension back in 2018, and is moving on to exciting new horizons. We wish her the best in her future endeavors!

On that note, stay tuned for position openings here at the office - the office associate position will be posted soon!

Keep in mind September means it's time for the Farm Science Review! Join us out at the Molly Caren Agricultural Center September 21-23. Purchase tickets online at fsr.osu.edu or pick up tickets at our office or Jefferson Landmark in Bloomingdale.

If you have any questions regarding our hours, events, projects, etc., give us a call at 740-264-2212. For a calendar of public events, see page 7. For county Extension updates, stay tuned at jefferson.osu.edu or follow us on Facebook (@JeffCoExtension).

Sincerely,

ANGIE ALLISON
4-H Youth Development

ERIKA LYON
Agriculture & Natural Resources

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 App to report sightings of this insect!

FORAGING FOR FALL MUSHROOMS

Edible

Hen of the Woods
Grifola frondosa

Sulfur Shelf/Chicken
Mushroom
Laetiporus sulphureus

Slippery Jack
Suillus luteus

Meadow Mushroom
Agaricus campestris

Shaggy Mane
Coprinus comatus

Giant Puffball
Calvatia gigantea

Poisonous

Destroying Angel
Amanita bisporigera

Death Cap
Amanita phalloides

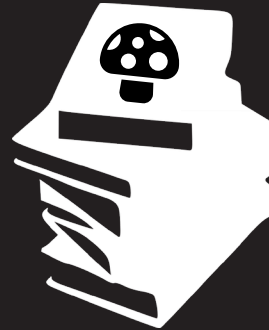
False or Green-spored
Parasol
Chlorophyllum molybdites

Deadly Galerina
Galerina autumnalis

Jack-o'-lantern
Omphalotus olearius

These are only partial lists. Keep in mind
the edibility of many fungal species are

Unknown



**Always
use a good
identification
guide and
be aware of
look-alikes for
edible species.**

Every person reacts differently to
edible mushrooms. Keep in mind
some mushrooms cause illness when
consumed with alcohol or eaten in
large quantities.



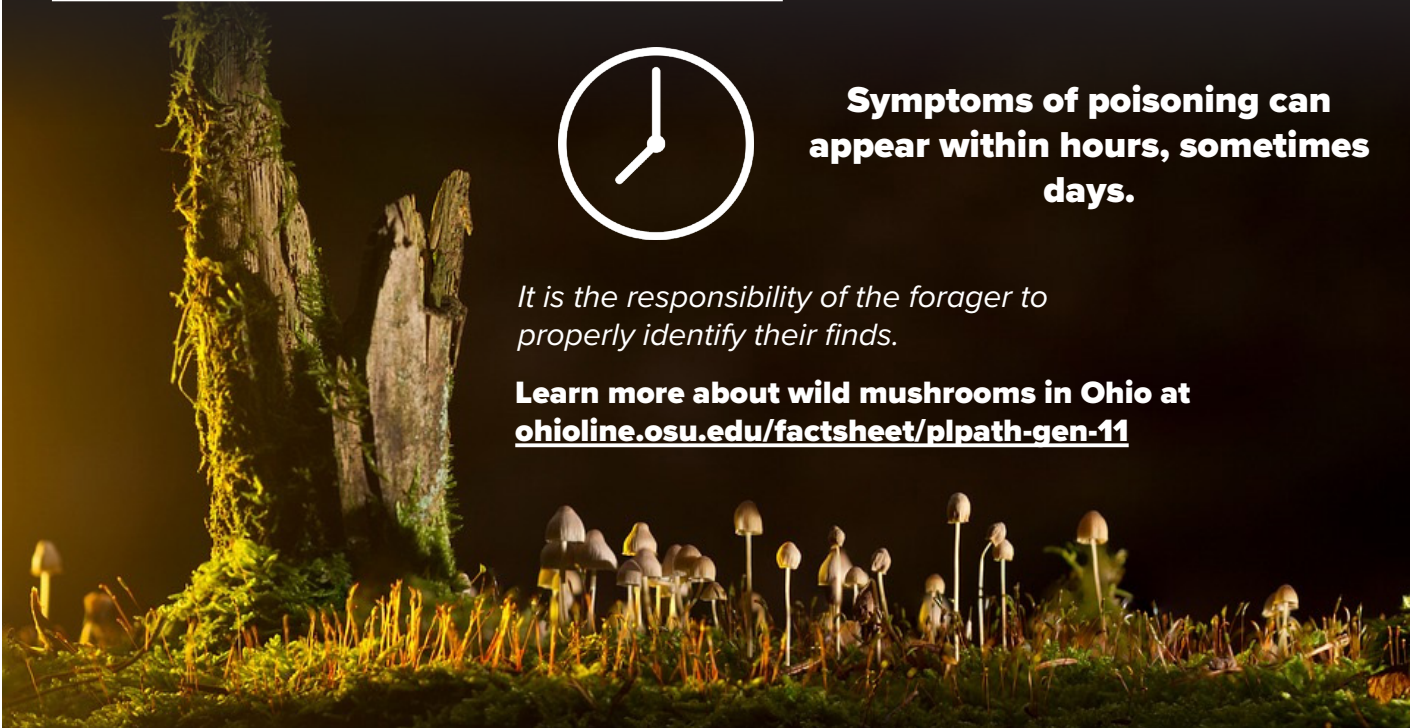
**When in
doubt,
don't eat it!**



**Symptoms of poisoning can
appear within hours, sometimes
days.**

*It is the responsibility of the forager to
properly identify their finds.*

**Learn more about wild mushrooms in Ohio at
ohioline.osu.edu/factsheet/plpath-gen-11**



FALL ARMYWORMS MARCH ACROSS OHIO

by Dave Shetlar, Joe Boggs, and Curtis Young, OSU Extension

OSU Extension county offices across the state are receiving e-mails and phone calls about Fall Armyworm (*Spodoptera frugiperda*, family Noctuidae) causing substantial injury to turfgrass. Thus far, it appears that fall armyworm is the dominant culprit rather than Yellowstriped Armyworm (*S. ornithogalli*) and Common Armyworm (*Mythimna convecta*).

Fall and yellowstriped armyworms are semi-tropical species that “fly” north each season. We often get both species in Ohio in August and September when they replace black cutworms that most superintendents see on their greens and tees. Both species also attack field crops, especially corn and small grains.

Every few years (usually 3-5 years), we get a massive buildup of these pests in the southern and transition turf zones. Reports of heavy armyworm activity have been coming out of Oklahoma to North Carolina for the last two months.

We believe adults from those outbreaks were picked up in the storm front that came from the south across much of Ohio about four weeks ago. The adults of these moths have been known to travel 500 miles, even more, in 24 hours. They can get into the jet stream and move vast distances, then drop down to find suitable host plants.

Adults tend to lay eggs on the flat leaves of trees and flowers that overhang turf, especially turf that has been recently fertilized. Each adult female can produce an egg mass that contains 100 to 500 eggs. The females are also attracted to night lights, and they will attach their egg masses to the light posts! If there are large areas where no plants or structures are overhanging the turf, the females will lay strips of eggs on grass blades.

The eggs hatch in 5-7 days and the larvae usually take three to four weeks to complete their 5-6 larval instars. The mature larvae dig into the thatch or upper soil and pupate without making a cocoon. The pupae take about two weeks to mature. So, the complete life cycle takes about 50-60 days.

Direct Control

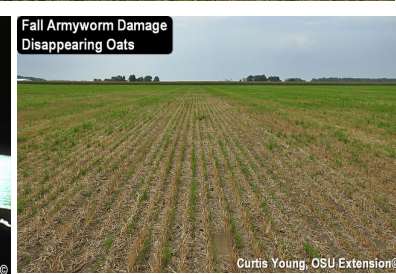
Armyworms are so named because of their habit of moving en masse to greener pastures once they've depleted their food supply. It is not uncommon for the caterpillars to move from field crops into nearby turfgrass.

Once they move into turfgrass, the caterpillars will continue feeding until there is no more food or they complete their development, whichever comes first. If the plant food is exhausted, the armyworms will become meat-eaters with the larger caterpillars eating the smaller caterpillars to complete their development.

Turf that has had the canopy removed by the caterpillars will have the crowns and upper roots exposed to direct sunlight. The crown rests on the soil surface and is the growing point for both blades and roots. On sunny days, the area where the crowns are located can easily reach 120 to 130-degrees F which will “cook” them or dehydrate them. Loss of the crowns means the loss of the entire turfgrass plant; the turf is dead.

Thus, the first step in protecting the turfgrass plants is to kill the caterpillars before they completely devour the turfgrass canopy. This involves the direct application of insecticides.

CONTINUE READING ON PAGE 5...



ARMYWORMS CONTINUED...

Most turf managers are appearing to have success with their pyrethroid applications. However, we are getting reports from the agricultural markets that pyrethroids are not working well, so alternative chemistries should be considered.

Fall and yellowstriped armyworm populations often develop resistance to insecticide categories that are extensively used in the agricultural markets. Since our populations arrive from more southern regions, some moths may have arrived here in Ohio after their ancestors have been exposed to several applications of pyrethroids, carbamates, or organophosphates.

If you do not see a rapid kill of any fall armyworm population after the application of a pyrethroid, consider using an alternative. The diamides such as chlorantraniliprole (e.g., Acelepryn) or tetraniliprole (e.g., Tetrino) have excellent caterpillar-killing abilities. Both are registered for turfgrass usage and can be used at their lowest label rates for curative caterpillar control. Two combination products that contain a neonicotinoid plus a pyrethroid and seem to overcome any resistance are Aloft (clothianidin+bifenthrin) and Alucion (dinotefuran+bifenthrin).

Finally, azadirachtin-containing products are effective for control of all types of turfgrass-infesting caterpillars. Azatin O, Azaguard, and Neemex 4.5 are three such products and each is certified organic (OMRI). Note that Azatin XL is not registered for turfgrass use. These alternative insecticides are often difficult to find in over-the-counter outlets, but none are restricted-use insecticides (except for Aloft GC which is used on golf courses). Those that are not restricted use can be purchased by homeowners through internet vendors, but you will need the proper equipment to apply these commercial products.

Turfgrass Recovery

Turfgrass will recover with a little help from properly timed fertilizer applications if the insecticide applications were made quickly enough to protect a substantial percentage of the turfgrass canopy. However, if the canopy has been completely removed, the crowns need to be protected from dehydration through irrigation.

On golf courses, superintendents are used to syringing their greens and tees on such hot days as a method of cooling the turf crowns and keeping them hydrated. If possible, we also recommend watering damaged areas in the heat of the day to keep the crowns cooled down and hydrated. This should be kept up until a visible green cover returns to shade the crowns.

Home lawn recovery also involves watering to keep the crowns hydrated as well as fall fertilizer applications to support the regrowth of the blades. Fortunately, the first fall fertilizer application can be made right now. The fertilizer products should include a slow-release form of nitrogen to support turfgrass growth over a longer period.

If there is a concern that crowns are being lost, for example, if irrigation is not possible during high heat conditions, now is the time to look for grass seed as the supply of seed is down this year. However, here are a few points to consider.

While perennial ryegrass (*Lolium perenne*) will germinate quickly and provide rapid cover of damaged areas, we are also seeing a fair amount of grey leafspot which is killing perennial ryegrass. We recommend using a slit-seeder (= slice-seeder) to seed turf-type tall fescue (*Festuca arundinacea*). If possible, a blend of multiple cultivars should be used. The cultivars that have been developed in recent years have a color and texture that match Kentucky bluegrass (*Poa pratensis*).

Also, most turf-type tall fescues have endophytes that produce alkaloids that are toxic to armyworm and sod webworm caterpillars as well as other insects that feed on grass blades such as chinch bugs and billbugs. These seed products may have "endophyte-enhanced" on the bag or indicate the cultivars are resistant to insects.

NOTE: we do not recommend Kentucky 31 Tall Fescue (KY-31) for use in lawns. Although this was a naturally occurring variety found in Kentucky decades ago, it has very poor qualities for use as turfgrass. KY-31 is most suitable for soil stabilization such as along highways. It looks pretty good at 65 mph.



PESTICIDE EXAM INFORMATION

Due to the COVID-19 pandemic, we ask that every person taking the exam do a self-check before entering ODA's campus or a regional exam location. Please take your temperature at home to ensure you do not have a fever. If you are feeling sick, please reschedule your exam.

ODA has started offering regional exams in several counties at the Ohio State Extension Offices. Visit the registration link below to view scheduling and locations available.

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

September 20th 9AM-1PM

Ohio Valley Towers Building/OSU Extension, 2nd Floor Conference Room, 500 Market Street, Steubenville, OH

October 13th 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

See page 10 for future study sessions

TREE-OF-HEAVEN

Ailanthus altissima

Photo by Chris Evans, University of Illinois, Bugwood.org
Bark of Ailanthus



While I spend a lot of time on spotted lanternfly (SLF), I thought it might be good in this issue to cover the primary host of SLF - Tree-of-Heaven, another invasive species found in Ohio.

Tree-of-Heaven, also commonly referred to ailanthus or its scientific name *Ailanthus altissima*, is a plant native to Asia that was introduced to the eastern US in the late 1700s and to the west coast in the mid-1800s. Initially used as an ornamental plant, Ailanthus was valued for its ability to grow in poor soils and urban areas. However, due to its 'weedy' characteristics, it became known as a common invasive plant, taking over in not only urban sites, but also in agricultural and forested areas as well, outcompeting much of the native vegetation.

Several weeks ago, you probably noticed the "blooms" of Ailanthus - these are actually clusters of samara that contain the seeds of the plant. We will likely continue to see the samara through the fall and winter months. Female trees produce a large number of seeds, up to 300,000 seeds per year, that are then dispersed by wind.

Seeds are not the only way this tree reproduces - trees often grow together in colonies, with each individual a clone of the others. Within colonies, trees will spread by producing suckers emerging yards away from the parent. To better compete with nearby vegetation, Ailanthus will produce allelopathic compounds that inhibit the growth and development of other plants, including native species.

Now that fall and winter approach, tree of heaven will likely be identified by the appearance of its bark. It appears smooth and light grey or brown in color, although younger trees may have bark with a greenish tinge to it. The bark is fairly similar to that of a canteloup rind.

For some great photos that highlight the difference between Tree of Heaven and staghorn sumac, check out the BYGL article "[**Tree of Heaven vs. Sumac: How can you tell the difference?**](#)" by my colleagues Tom DeHaas and Ann Chanon. Learn more about identification and control of Ailanthus at <https://ohioline.osu.edu/factsheet/f-65>

Help us track spotted lanternfly's whereabouts by reporting Tree-of-Heaven using the Great Lakes Early Detection Network app available at apps.bugwood.org/apps/gledn



SEASON CALENDAR

SEPTEMBER

- 9/6 Labor Day - office closed
- 9/15 Master Gardeners @ Farmers Gateway Market 4:30PM
- 9/16 Pesticide & Fertilizer Exam Study Session 7 PM
- 9/20 Pesticide & Fertilizer Exam @ Jefferson County Extension office 9AM

OCTOBER

- 10/5 Pesticide & Fertilizer Exam Study Session 7 PM
- 10/6 Master Gardeners @ 1st Wednesdays Farmers Market 4:30PM
- 10/13 Pesticide & Fertilizer Exam @ Jefferson County Extension office 9AM
- 10/22 Lunch & Learn: Update on a New Invasive Insect - Spotted Lanternfly @ Mehlman's Cafeteria, St. Clairsville 12PM
- 10/26 Cattle Management School: Preconditioning Programs & Co-op Models for Cattle @ Harrison County Fairgrounds Commercial Building 7PM
- 10/28 Cattle Management School: Beef Quality Assurance Certification @ Jefferson County Extension

NOVEMBER

- 11/3 Understanding Your Oil & Natural Gas Royalty Payment Stub

*Subject to change

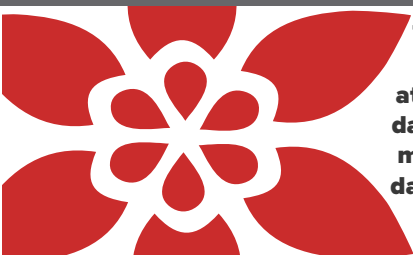
Visit jefferson.osu.edu or join the Agriculture & Natural Resources Group on our Facebook page @JeffCoExtension for updates and future webinars, podcasts and other great opportunities!



Tickets
on sale
now at
your local
Extension
office or
online at
fsr.osu.edu



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. 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.



Training Topics

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

Interested in gardening but have no time to volunteer? Then check out...



Learn about the basics of gardening in this intensive online course that covers propagation, soils, pest management, and more! Participants will work through a series of videos, assigned readings, activities and quizzes covering everything you need to know to have a successful garden. Cost of the course is \$100 or \$10 per module (visit mastergardener.osu.edu for instructions on accessing individual modules). Enroll at

<https://go.osu.edu/buckeyegardener>

*This course does not require volunteer service to participate. If you are interested in becoming a Master Gardener Volunteer, visit go.osu.edu/becomejeffharmgv.

Cooperative Connection

Jefferson & Harrison **MASTER GARDENER VOLUNTEERS** *@ the Farmer's Gateway Market*



Come visit the Jefferson & Harrison Master Gardener Volunteers at the Farmer's Gateway Market this summer and ask a Master Gardener about all of your horticultural questions!

Schedule

September 15: Soil Testing & Soil Test Kit Giveaway for 1st 10 people visiting the booth, also come ask us about monarchs!

October 6: Seed Giveaway



Find us on Facebook
[@JHCmgv](https://www.facebook.com/JHCmgv)





Ohio Field and Farm

Buckeye Beef Byte Podcast
New episodes found at go.osu.edu/beefbyte

Beef Quality Assurance Certification

THURSDAY, OCTOBER 28th, 7 – 8:30 P.M.

Ohio Valley Towers Building
2nd Floor Conference Room,
500 Market Street, Steubenville, OH 43952

Cost: \$10 per person, pre-registration required. Register at go.osu.edu/21fallbqa

We now accept credit card payments for event registrations.

Can't make it to this training? Visit www.bqa.org to get BQA certified online. Online training consists of series of lessons and quizzes to become certified. Training will take ~2 hours.



Jefferson & Harrison Cattle Management School:

Preconditioning Programs & Co-op Models for Cattle

TUESDAY, OCTOBER 26th, 7 – 9 P.M.

Harrison County Fairgrounds Commercial Building,
550 Grant Street, Cadiz, OH 43907

Small-scale cattle operations sometimes struggle to market their livestock at prices high enough to recover costs. Preconditioning programs and co-ops provide opportunities for local producers to pool cattle and add value. Preconditioning refers to management practices implemented around weaning that focus on improving immune system function and nutritional status of calves to reduce risk of sickness and mortality. Co-ops can help producers better market and process livestock. Learn more about these systems of management during this fall session of the Cattle Management School.

Guest Speakers:

Garth Ruff
Beef Cattle Field Specialist,
OSU Extension

Hannah Scott
Program Manager,
CFAES Center for Cooperatives OSU South Centers

Cost of this session of the Cattle Management School is \$10/person, ages 12 and under may attend at no cost.

PRE-REGISTRATION REQUIRED. To register, visit go.osu.edu/cmsmarketing

We will be following local health department guidance given at the time of this program.

Pesticide & Fertilizer Exam Study Sessions 7-9 PM on the dates listed below

Study sessions will be held virtually until further notice.

Registration is required - call 740-461-6136 or email lyon.194@osu.edu to request the Zoom link.

**Thursday, September 16
Tuesday, October 5**



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 County Extension office with any questions.

Study materials can be found on these websites. Hard copies of study materials may be in stock at the Jefferson County Extension office - call ahead to check availability.

Understanding Your Oil & Natural Gas Royalty Payment Stub

WEDNESDAY, NOVEMBER 3RD, 7 P.M.

More and more natural gas wells are appearing in Jefferson County. Many landowners are expecting to receive or are already receiving royalty checks in the mail, but these checks are not always easy to understand.

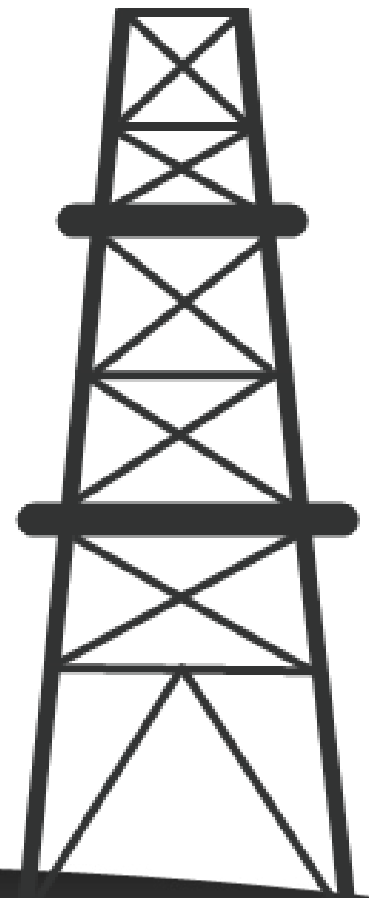
Join OSU Extension to learn about reading and understanding natural gas royalty checks. Guest speaker Dan Lima, Ag & Natural Resources Educator from Belmont County will talk about some of the resources available to landowners reviewing their checks. Bring your questions!

Location: TBA

Cost: \$5/person, pre-registration is required.

Register at go.osu.edu/21jeffpaymentstub

Contact Erika Lyon at 740-461-6136 or email lyon.194@osu.edu with questions.





150th Jefferson County Fair was Unpredictable and Record Breaking

SMITHFIELD, OH - Not a dry eye in the house That is the best way to describe the junior fair livestock sale at the Jefferson County Fair held August 16-22. Bidders at the 150th Jefferson County Fair broke the record for the highest selling hog twice at one sale and left a family and an entire community astonished by the overwhelming generosity of local businesses and other bidders.

The three children of Chris and Megan King each had two hogs to show and sell at the Jefferson County Fair. Megan King with help from family and friends hauled six hogs to the fairgrounds knowing that her husband and her kids' hero Chris was in the intensive care unit at Pittsburgh UPMC. The three 4-H youth prepared for the show just as they always had done when their dad was by their side. Unfortunately, just 24 hours before the hog show, Megan King had to break the devastating news to her children that their dad, and her high school sweetheart had passed away after a short battle with COVID-19. Chris King was only 38 years old.

With the true grit of a 4-H family, the King children pushed through and knew just what to do next. Wife and mother Megan King stated, "We knew this is what Chris would have wanted." Chris King loved raising show hogs with his children and waited all year to watch his kids show. He spent countless hours watching videos and carefully selecting each year's projects with his children. Some of the family's greatest memories are of road trips to inspect and choose the next year's hog projects. So, with this in mind, the King kids pulled themselves up by their bootstraps and entered the ring to show all six hogs their dad had helped them carefully select just months earlier. One of the hogs, shown by the oldest daughter Julianna (Jules) King, was named reserve champion hog, bringing onlookers to tears. The other five King family hogs all placed high receiving 2nd – 4th in their respective weight classes.

The day of the livestock sale buyers came from far and wide to support Jefferson County Junior Fair. As usual, the sale fervor was electric,

with the sale order starting with market rabbits, followed by market goats, market lambs, hogs, beef and poultry. When the auctioning of market hogs started it was obvious that the 150th Jefferson County Fair livestock sale was going to be different. The grand champion market hog raised and shown by Cameron Best was first to sell, breaking the county



record of \$19 per pound, by selling for \$21 a pound to Williams Companies. With excitement in the air from the first sale, Julianna King entered the sale ring with her reserve champion hog. Jefferson County 4-H Youth Development Educator Angie Allison spoke briefly about Chris King and the tenacity of his children, before the bidding began. Bidders rushed to aid the family. In the end, a new hog price per pound record was set. Julianna King's reserve champion hog sold to Davis Enterprises of Wintersville for \$60 per pound, smashing all previous records. In addition to the reserve champion, three other King family hogs brought \$21 per pound. One was purchased by Eric Cunningham, another purchased by James Lash, Cedar One Realty, yet another by the combination of buyers Jesse DeGarmo, Fomenko Excavating and Hard Rock Farm Boer Goats. A fifth hog was purchased for \$18 per pound by Frank's Bar and Grill of Bloomingdale, and the family's final hog sold for \$13 per pound to Hard Rock Farm Boer Goats.

In a statement from the family, they said, "We would like to thank all the buyers, bidders and friends that gave us hope during this trying time."

In addition to the sale of the family hogs, a fund was developed to assist the family. To donate, contact Dustin Ehrman of Miller Franckhauser Farms, 717-304-3439, venmo (@Dustin-Ehrman), Paypal (@dustinehrman) dustin.ehrman@yahoo.com.

The other top placing hogs at the Jefferson County Fair were shown by Conner Best of the Free Spirits 4-H Club receiving 3rd overall selling to Casie Johnson State Farm; Conner Best 4th overall selling to D&J Sales And Service; and Blair Allison of the Wildwood Critters 4-H Club 5th overall selling to Murrays Restaurant of Wintersville. The hog sale brought in \$245,888.50 for 158 hogs. Prices overall were \$5.86/\$5.52.





In other news at the sale: Isabella Mitchell, 43 Ramblers had the pen of three grand champions that brought \$1,000 from CB Show Calves. Coleman Holly, Broken Fences, raised the reserve pen of rabbits, bought by Encino Energy at \$750.

Delaney Johnson, Edison FFA member, received \$29 per pound for the 82-pound grand champion market goat bought by David L. Robison, Crestview Veterinarian Clinic and B&W Automotive Repair. Reece Fomenko, Country Classics, earned \$18 per pound for his reserve champion market goat from Williams Companies.

Delaney Johnson, Country Classics, raised the grand champion market lamb, weighing 132 pounds purchased by M&M Hardware for \$25.50 per pound. Giuliana Wiley, Buckeye Variety Livestock, raised the 136-pound reserve champion lamb, bought by Encino Energy at \$19 per pound.

Shelby Robinson, Wildwood Critters raised the grand champion market steer that sold for \$5 per pound to Jefferson Landmark. Robinson also raised the reserve champion market steer that sold to Colerain IGA for \$4.50 per pound.

Carly Long, Country Rangers, raised the pen of three grand champion market chickens selling to Dairy Queen of Rayland for \$2350 . She also raised the reserve champion pen of three, with Vernon Dell Tractor the buyer at \$900.

The grand champion market duck raised by Aiden Cooper of the Happy Hooves and Fancy Feathers 4-H Club sold for \$1000 to Ohio Valley Natural Relief.

Michelle Eddy raised the reserve champion market duck which sold for to Murrays Restaurant of Wintersville for \$750.

The grand and reserve market goose were raised by Lizzie Frank of the Towne and Country 4-H Club. The grand champion market goose sold to CB Show Cattle for \$750. The reserve champion market goose sold to 2x Transportation for \$675.

Both grand and reserve champion market turkeys were raised by Ian Latynski. The grand champion sold to the Petrella Brothers Village Sleep Center for \$750. The Crestview Veterinary Clinic bought the reserve champion for \$600.

Winners in the Jefferson County Junior Fair Beef Show were:

Beef feeder calves: Grand champion steer feeder calf Boody Wood, Buckeye Variety Livestock; Reserve champion feeder calf Carly Long, Country Rangers 4-H Club; third and fourth overall Boody Wood, Buckeye Variety; fifth overall Cameron Best, Free Spirits 4-H Club.

Heifer feeder calves: Grand champion and Reserve Champion Boady Wood, Buckeye Variety Livestock; third and fourth overall Ava Cline, 43 Ramblers; Fifth Overall Cameron Best, Free Spirits 4-H Club.

Dairy beef feeder calves: Grand and reserve champion feeder calves were raised by Shane Griffith, Windy Ridge 4-H Club; third overall Alex Newburn; fourth overall Grace Browning; fifth overall Colby Smith, Buckeye Variety Livestock.



The Jefferson County Junior Fair Dairy show included:

Grand champion overall dairy was Corissa Griffith, Windy Ridge 4-H. Reserve champion dairy overall was Emma Morrison, Friends And Neighbors 4-H Club.

In senior showmanship Emma Morrison, Friends and Neighbors, received first place, while Andrew Wetherell received second place. In supreme dairy showmanship, Shane Griffith received first place, Corissa Griffith received second place, and Emma Morrison received third place.

Market Steers: Grand and Reserve Champion steers were shown by Shelby Robinson, Wildwood Critters 4-H Club; third overall Colte Sines, Independent; fourth overall, Bailey Harris, Wildwood Critters; fifth overall, Corey Randolph, Independent.

Dairy Market Steers:

Grand Champion, Corissa Griffith, Windy Ridge; Reserve Champion, Alex Newburn, 43 Ramblers.

Jefferson County Best Bred Market Steer:

Grand Champion Corey Randolph, Independent; Reserve Champion Hannah Randolph, Wildwood Critters.

Champion Weight of Gain Market Steer:

Grand Champion Corissa Griffith, Windy Ridge



Rabbits
15 - \$5900
\$366.67/\$288.46

Goats
34- \$23,350
\$639.71/\$532.81

Sheep
24-\$27,286.50
\$8.29/\$7.02

Hogs
158 - \$245,888.50
\$5.86/\$5.52
6.00 o/a

Feeder Calf-Dairy
7 - \$17,538.85
\$4.16/\$3.22

Feeder Calf – Beef
3 - \$3,928.50
-/\$2.53

Beef Steers
17 - \$72,836.25
\$3.18/\$2.97

Dairy Steers
3 - \$8,308
\$1.90/\$1.70

Chickens
23 - \$11,825
\$485.87/\$379.76

Ducks
10 - \$5,850
\$560.00/\$487.50

Geese
4 - \$2325
\$556.25/\$400

Turkeys
16 - \$7000
\$404.38/\$367.86
Sale Total - \$434,581.



**The averages
for the
Jefferson
County are as
follows:**

All OVDA Dressage Schooling Horse Show

When: September 18th, classes start at 9 a.m. - Ride times will be emailed to you in advance.

Where: Steubenville Saddle Club Arena, 8675 St Rt 152, Richmond, OH 43944

Judge: Carrie Woost USDF L-Judge

Offering Classical (English) and Western Dressage tests, beginner (Walk-trot) through advanced, Plus Flat classes. An excellent and fun opportunity for riders and horses to practice and perform dressage show skills in a relaxed atmosphere. Spectators welcome!

Facilities include social room with snacks, drinks and hot food for purchase, restrooms, running water, good trailer parking.

Special Events -

Free Performance: A musical dressage performance by seasoned dressage rider Rosalie Wenckoski and her Andalusian Gelding Hombre Arana Gift Basket Raffle - Back by popular demand, bountiful gift baskets for horse and rider!

For entry forms contact Robin Callon: callon.clan@yahoo.com

Questions? Please Contact Emily Moore, Show Manager (740) 346-6494 OR Lori Mayher OVDA President (740) 512-4328

Closing date for show entries is September 11th.



A row of several pumpkins, some carved into jack-o'-lanterns with glowing faces, and several glass jars, some containing candles or small lights, arranged on a dark surface.

4-H Fall Festival

5-9pm, October 23

Jefferson County Fairgrounds

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

Categories include: Carved and Decorated.
Pumpkin hand carving - Beginner, Intermediate, Senior
Stenciled carving - Beginner, Intermediate, Senior
No carving decorated - Beginner, Intermediate, Senior
Create a pumpkin to be entered into any of these classes!
Scariest
Cutest
Funniest
Holiday
Most original
Painted
Wax art
Glued

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

- Sadie Hawkins Dance @ 7pm
- Haunted Barn
- Scary movie theater – bring your blankets and camp chairs
- Trunk or Treat@ 5 pm - Each club is asked to decorate a vehicle and pass out candy that your club provides. Costumes are asked to be worn but not mandatory. If your club wants to do more than one car, that is great! Email allison.325@osu.edu to verify your club's car and who is in charge of your club's candy distribution.
- Bon fire starting @ 6 pm - Please bring items to make your own smores or roast your own hot dogs per club. We will not be providing these items, but your club can!

Cloverbuds and sprouts (ages 3-5 that are accompanied by an adult) can enter any class and receive a participation ribbon. If they attend the dance, wear a costume, and for attending the candy safety talk. The kids will receive a bead for each.



Hold The Date:

Annual 4-H Advisors Appreciation Banquet

6 pm October 11 at

Le Chateau Pier in Smithfield. Invitations will be in the mail soon!

Most Outstanding Exhibitor Winners 2021

Congratulations to all of our 2021 Most Outstanding Exhibitor contestants! It was a long hard-fought battle and you are all deserving candidates!

This year's award winners are:

Swine - Olivia Prolago - Sunrise Lads And Lassies

Goats - Leila Sudvary - Broken Fences

Beef - Cameron Best - Free Spirits

Poultry - Grace Miller - Windy Ridge

Rabbits - Madison Zeroski - Windy Ridge

Sheep - Grace Miller - Windy Ridge

Dairy - Corissa Griffith - Windy Ridge

Small Animal - Christian Hoffman - Liberty Gals & Guys

Dog - Alizabeth Lude - Golden Horseshoe

Horse - Makenna Carter - Country Classics

Thank you to all participants!



Call For 2021 Most Outstanding 4-H'er Applications

Participate in a judged competition at either Contest Day or Project Judging Day.

Update your Ohio 4-H Achievement Form after the Jefferson County Fair, complete with advisor signature.

Turn in the form to The OSU Extension Office by Sept. 15, with a typed paragraph about "Why you should be named the Most Outstanding 4-H'er."

You will be contacted for an interview to be held the last week of September/first week of October.

JFIT ACTIVITY: RAKE LEAVES!

If you rake leaves and take to one of two places you can use this as a J-Fit activity for 2022. This is not a community service unless done at a cemetery or a public area. Cloverbuds and spout will receive a bead for doing this to. Please share photos on our Facebook page. Two options to deliver leaves to:

Clint Finney, 1197 County Road 1
Rayland, Ohio 43943 (Drive thru
Mt. Pleasant because of road
work) or

Bob Morrison, 8550 County Road
22a Bloomingdale, OH 43910.

THANK YOU TO THE FOLLOWING SPONSORS FOR THEIR SUPPORT OF THE 4-H YOUTH AT THE JEFFERSON COUNTY FAIR

(*NOTE: This is not a comprehensive list of sponsors)

- Jefferson Landmark
- Rural King
- Murrays Restaurant
- Consumers National Bank
- Casie Johnson State Farm
- Happy Hooves And Fancy Feathers 4-H
- Country Rangers 4-H
- Town & Country 4-H
- Crestview Veterinary Clinic
- Golden Horseshoe 4-H
- Appalachian 4-Hers 4-H
- Wildwood Critters 4-H
- Windy Ridge 4-H
- Packers Orchard
- The Dirt Diggers 4-H
- Warren Ridge Wranglers 4-H
- Water Transport
- Lamont and Esther McCoy
- Mike and Terry DeHamer
- The Best Family
- Buckeye Local Panthers Basketball
- Jefferson SWCD
- Toronto Masonic Lodge #583
- Purple Circle 4-H
- Karen and Fred Goddard
- Cross Creek Tomahawks 4-H
- Mr. and Mrs. Richard Freeland
- Ed and Karen Hill
- Robert Whinnery
- M&M Hardware
- Jim, Suzanne and Jessica Smarella
- Dean Fellows Insurance
- Silvestri Family



Casie Johnson - State Farm Agent

August 27 at 9:27 AM · 🌐

We were so excited to get the thank you cards from the 4-H members. We can't wait to see you next year!



Help Harper Find Her Scarecrow!

We were hoping that someone grabbed this scarecrow from fair as a kind gesture so nothing would happen to it, but it's not looking that way. I did call and make an appointment to pick it up and was told to come Saturday, but it's not there and she doesn't know what happened to it. Harper used her own birthday money (\$63) to make this scarecrow that she picked out to make. She was so excited to be able to use it on the porch as a fall decoration. It's very disappointing to even think that someone would take something with a child's name and blue ribbon on it. If you know what happened to Mr. Scarecrow or if you grabbed it and forgot to get back to me about it and are just now seeing this, please get ahold of me. Little Miss Harper is broken hearted. Thank you. -

Kendra Bray – Ribbons and Wranglers 4-H
740-381-7113

Project Day Results!

Discovering 4-H

1st Kaitlynn Poole
2nd Faye Reaume
3rd Cameron Clegg

Keeping Fit

1st Chasity Stewart
2nd Desiree Ruzek

First Aid in Action

1st Joseph Hepburn

Medicine Science And Safety

1st Caleb Zifzal

Alcohol and Drug Abuse

1st Senior
Jasmine Stewart
1st Junior
Danica Scott

The Truth About Tobacco

1st Brianna Merkel

Here There Ag Careers

1st Corissa Griffith

The Laundry Project

1st Kaydence Kinyo
2nd Olivia Ault

Family History Treasure Hunt

1st Danica Scott

Becoming Money Wise

1st Kamden Kinyo
2nd Mara Camp
3rd Shane Scott
4th Zoe Yeske

Teens On The Road To Financial Success

1st Raina Yeske

Let's Start Cooking

1st Madison Taylor
2nd Faye Reaume
3rd Lorraina Hess
4th Raina Yeske

Alpaca and Llama Project

1st Cole Saiter

Horseless Horse

1st Delia Wetherell
2nd Victoria Dear

Sports Nutrition Ready Set Go!

1st Hayleigh Carlier

Yeast Breads On The Rise

1st Emma Morrison

Global Gourmet

1st Jasmine Stewart

Grill Master

1st Atreyu Dudley

Star Spangled Foods

1st Joseph Taylor

Party Planner

1st Clara Hoffman

Everyday Food And Fitness

1st Emma Burr

Snack Attack!

1st Ava Aftanas
2nd Arika Polen
3rd Aubrey Hepburn
4th Shyanna Zoellick

Racing the Clock to Awesome Meals

1st Chasity Stewart
2nd Khloe Buchannan

Take a Break for Breakfast

1st Dominic Russo
2nd Danica Scott

Cake Decoration Project

1st Avery Kittle

Science Fun With Kitchen Chemistry

1st Jayse Carter

Makeover My Space

1st Kaity Morrison

Your First Home Away From Home

1st Dana Keller

My Favorite Things

1st Luke Ferralli
2nd Atreyu Dudley
3rd Thomas Smith

Scrapbooking

Junior 1st Year Scrapbooking –

1st Chasity Stewart
2nd Cara Arnett
3rd Elizabeth Rivers
Junior 2nd Year or More Scrapbooking
1st Delia Wetherell

2nd Lyla Worwa

The Writer In You - Senior & Junior

1st Mercy McGalla

Get Started in Art

1st Madison Zeroski
2nd Katherine Rivers
3rd Aubrey Hepburn
4th Elizabeth Rivers
5th Presley McGilton
6th Adalee Long
7th Bryden Kittle
8th Emma Burr

You and Your Dog

1st Addie Erwin

Cavy Project

1st Chandler Hoffman
2nd Rachel Jarman

Purr-Fect Pals, Level 1

1st Harper Bray
2nd Zoe Yeske
3rd Clara Hoffman
4th Connor Long

Climbing Up, Level 2

1st Lina Stingle
2nd Emma Burr

Leaping Forward, Level 3

1st Kaydence Kinyo

Pocket Pals Project

Junior

1st Emma Burr
2nd John Frank
Senior

1st Rachel Jarman

Vet 1 - From Airedales to Zebras

1st Lillian Magby
2nd Olivia Dudley
3rd Eva Smith

Vet 2 - All Systems Go!

1st Clara Hoffman
2nd Zoey Ralston

Self-Determined Projects

(Companion Animal/Reptiles And Amphibians)

1st Christian Hoffman
2nd Chandler Hoffman
3rd Olivia Dudley
4th Danica Scott
(Family Life)

1st Shyanna Zoellick
(Self-Determined General)

1st Ethan Zifzal

2nd Clara Hoffman
3rd Aubrey Duggan
(Natural Resources)

1st Shayla Ralston
(Creative Arts)

Alaina Ford

Science Fun with Physics

1st John Frank
2nd Victoria Dear

Science Fun with Flight

1st Shane Griffith

Solid Fuel Rocketry Master

1st Dayne Carter

Magic of Electricity

1st Joseph Taylor

Not Just Knots

1st Tucker McVicker
2nd Carmine DiEugenio

Warm It Up

1st Laurel Kemp

Rifle Project

1st Lakin Tanner

Young Engineers in Solar Energy

1st Lindsey Zifzal

Tractor 1 - Starting Up

1st Noah Lucas
2nd Nathan Lucas

Tractor 2 - Gearing Up for Safety

1st Amelia Ault

Pistol Project

1st Aiden Cooper

Grow Your Own Vegetables

1st Brody Zeroski

ATV Safety

1st Ava Aftanas
2nd Hayleigh Carlier
3rd Jason Zoellick
4th John Wilson
5th Mara Camp
6th Kain Fabry

Measuring Up - Level 1

1st Dominic Kokiko
2nd Lillian Magby
3rd Skylynn Zoellick

Making The Cut - Level 2

1st Tucker McVicker
2nd Noah Kokiko

Nailing It Together - Level 3

1st Ava Watkins
2nd Raleigh Doyle

Arcs & Sparks

1st Drew Saiter
2nd Kaleb Griffith

Focus On Photography – Book 1

1st Christianna Rivers
2nd Whitney Streblo
3rd Lindsey Zifzal
4th Caydence DeGarmo

Controlling the Image – Book 2

1st Aubrey Duggan

Mastering Photography – Book 3

1st Giana Bruzzese
2nd Lizzie Frank
3rd Kaden Bednarek

Seeing Through Graphic Design

1st Jasmine Stewart

Explore the Outdoors

1st Keegan Williamson

Geology: Can You Dig It?

1st Corissa Griffith

Ohio Birds

1 year in project
1st Tucker McVicker

2nd Alayna Starr

3rd Lillian Magby

2nd year in project

1st Leila Sudvary

Fishing for the Beginner –

1st Kristopher McVicker

2nd Kylie Dray

Fishing Intermediate -

1st Tucker McVicker

2nd Haylee Brown

3rd Jason Zoellick

Safe Use of Guns

1st Aiden Cooper

2nd Mara Camp

3rd Danica Scott

Basic Archery

1st Alayna Starr
2nd Lillian Magby
3rd Shyanna Zoellick
4th Katherine Rivers
5th Lucy Roth

Insect Adventures I

1st Tucker McVicker



Congratulations to our 2021 Most Outstanding Skillathon Youth!

Beef

Evan "Boady" Wood
Colby Smith
Carly Long
Cameron Best
Andrew Saiter
Emma Morrison
Bailey Ebright
Shelby Robinson
Sara Vein
Hannah Randolph
Corissa Griffith
Mazzy Speedy
Kaitlynn Merkel
Brayden Mort
Colte Sines
Connor Best
LeAnna Horstman
Cameron Knight
Dominic Kokiko
Kaydence Kinyo
Carl Bonecutter
Lindsey Best
Christopher Ebright
Shane Griffith
Noah Kokiko

Sheep

Gulianna Wiley
Brayden Mort
Grace Miller
Caleb Miller
Jaxon Wiley
Cole Saiter
Olivia Prolago
Alexis Rager
Hailey Parker
Gulianna Prolago
Delaney Johnson

Swine

Easton Willoughby
Xander Haught
Kayla Koehnlein
Autumn Grafton
Joseph Taylor
Madison Taylor
Ryder Tibbs
Gulianna Wiley
Keegan Williamson
Adalyn Stackhouse
Kason Stackhouse
Jacob Ramsey
JP Wilson
Molly King
Connor Best
LeAnna Horstman
Marissa Pethel
Madison Krzys
Brody Bikoski
Chloe Peckens
Trevor Rudy
Caden Rudy
Jaxon Wiley
Vincent Prolago
Danica Ramsey
Natalie Lucas
Carl Bonecutter

Lindsey Best
Mason Marchbank
Kaity Morrison
Isabelle Bonecutter
Hannah Langsdorf
Haley Langsdorf
Blair Allison
Jenna Anderson
Samantha Ankrom
Kaily Banal
Cameron Best
Brooke Bikoski
Emileah Booth
Amanda Boring
Nathan Crawford
Noah Crawford
Julianna King
Nathan Lucas
Max McConnell
Aubrey Meyers
Olivia Prolago
Hannah Randolph
Audrey Scott
Wyatt Streblo
Lillian Tatar
Isabella Tatar
Miley Thomas
Jaiden Thomas
Sara Vein
Jesse Vitek
Skyler Willoughby

Dairy

Corissa Griffith
DJ Wetherell
Andrew Wetherell
Emma Morrison
Shane Griffith
Delia Wetherell

Goat

Maddilyn Fellows
Kaitlynn Merkel
Natalie Lucas
Kami Anthony
Kylie Watt
Noah Graham
Madison Taylor
Zoey Ralston
Amelia Flory
Leila Sudvary
Noah Lucas
Lillian Magby
Crystal Wilson
Ethan Warren
Denvar Nelson
Alaina Warren
Samantha Ankrom
Corissa Griffith
Alexis Rager
Brianna Merkel
Abigail Kinney
Kaydence Kinyo
Audrey Scott
Katelin Wilson
Frank Mazzaferro
Megan Valuska

Mily Valuska

Poultry

Aiden Cooper
Grace Miller
Caleb Miller
Haylee Brown
Johanna George
Kailyn Frey
Cooper Kirkpatrick
Michael Smith
Mekenzie Everhart
Lizzie Frank
Rachel Jarman
Carly Long
Kaden Bednarek
Kassidy George
Michelle Eddy
Frank Mazzaferro
Timothy Lamantia
Raleigh Doyle
Delaney Johnson

Rabbit

Rachel Jarman
Megan Burrier
Izzie Frank
Samuel Osso
Brianna Merkel
Madalynn Anderson
Frank Mazzaferro
Raleigh Doyle
Shelby Doty
Maddilyn Fellows
Isabella Mitchell
Kaylin Frey
Shayla Ralston
Kaitlynn Merkel
Madison Zeroski
Isabela Norori
Tucker McVicker
Kristopher McVicker
Kylie Watt
Ainsley Roach
Tessah Zeroski
Madison Taylor
Anastasia Mitchell
Gabriel Mitchell
Autumn Grafton
Jordan Everhart
Ella Hall
Kloe Anthony
Regan Wilson
Navaeh Sanders
Rayne Miller
Delia Wetherell
Myla Shay

Horse Live Skillathon - Extra Congratulations To These Folks!

Ameila Ault
Allison Bell
Makenna Carter
Makenzie Carter
Ava Conley
Courtney Cooley
Adrienne Granatir
Maddie Granatir

Lily Larkins
Micah Larkins
Adalee Long
Connor Long
Kaitlynn Merkel
Mayelee Rawson
Eleanor Richards

Horse

Lyla Worwa
Leila Sudvary
Madisyn Jackson
Khloe Buchanan
Laney Cowden
Zyriah Velez
Sophie Malechowski
Mya Keenan
Lindsey Best
Lane Fomenko
Reece Fomenko
Kami Anthony
Logan Fomenko
Isabella Tatar
Blair Allison
Kaydence Kinyo
Addison Lude
Alizabeth Lude

Dog

Trinity McGilton
Ella Hall
Karley Starr
Addie Erwin
Kaydence Kinyo
Addison Lude

Llama

Cole Saiter





LESLIE'S CLOVERBUD CORNER



Hello Cloverbuds,

So the fair is over, and we are all back to school now. I'm hoping that everyone is settling into their new classrooms and making new friends. Remember the 4-H motto "To make the best better". Always be there to help someone in need - be a friend, not a bully.

Leslie Aftanas

Mark your calendars!

September 13th is Kids Take Over the Kitchen Day. This would be a fantastic day to make a snack or even dinner for the family with some help from family members.

October 4th is Taco Day. So, let's roll up your sleeves and make some tacos!

You will earn a bead for cooking.

When it is time for you to take up a project, keep in mind there are many projects that involve cooking. Some examples include *Let's Start Cooking*, *Snack Attack*, *Take a Break for Breakfast*, *Grill Master* and so much more!

We are having a dance, pumpkin carving, and Trunk-or-Treat on October 23 from 5-9pm at the Jefferson County fairgrounds. See flyer in the newsletter for more details. Beads will be handed out that night.

Monday, September 27 at 6pm we will be meeting at Friendship park to go on a walk and take a photo for the JB Green team. They are donating shirts to those who participate, and they will also give us bags and grabbers to use to pick up any trash we find on the walk. Come out and earn some beads and a shirt! If it rains, the walk will be held on Thursday, September 30 at 6pm.

This is for all Cloverbuds and sprouts (parents need to stay for the event). There will be an opportunity to earn 3 beads for participating.

September is Library Card Sign-up month. Get your Library card at any library and receive a bead.

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



AUTUMN FUN WORD FIND

books
classrooms
friends
motto
pumpkin
sprouts

calendar
Cloverbud
Halloween
October
school
taco

candy
dance
kitchen
projects
September
walk

B	M	B	U	C	S	T	T	L	N	A	O	S	K	N	X	S	A	S	K
L	O	O	H	C	S	M	A	M	M	C	T	D	D	H	O	P	G	P	S
T	R	Q	Z	X	V	M	O	C	T	F	K	N	P	F	D	R	M	J	A
N	N	V	V	Y	E	O	C	O	O	S	S	E	W	Y	S	O	U	L	X
P	P	C	Z	G	X	K	B	N	R	U	U	I	A	L	B	J	X	X	J
D	D	F	Y	R	P	E	N	N	S	S	Z	R	I	O	U	E	R	A	J
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Z	P	A	B	F	N	P	V	C	X	A	O	O	E	I	P	O	F	L	R
X	E	U	L	N	C	D	Q	D	T	T	Q	L	U	W	T	C	L	X	V
K	I	T	C	H	E	N	Y	Q	T	D	A	L	I	U	Z	F	H	R	O
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R	D	R	T	I	B	N	M	T	J	A	V	H	V	W	U	C	T	T	C





KNOW WHAT IS IN YOUR HAY BY GETTING IT TESTED

The quality of hay can be highly variable, and visual tests alone are often not enough to know whether or not your livestock are getting the most from that bale. Forage tests provide information about fiber, nutrients, and energy value of your forages. Don't guess, forage test!

For help with forage sampling or interpreting forage test reports, contact the Agriculture & Natural Resources Extension Educator in your county. Check out a forage probe from the Jefferson or Harrison County Extension offices.

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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