

# MORROW COUNTY Scarlet and Gray News

Volume 21 Issue 3 • July/August/September 2025

## Thank you Becky Barker for your dedication to OSU Extension and Morrow County!

After 32 years working with OSU Extension-Morrow County Becky has retired. The Morrow County Sentinel shared Becky's history with our organization in the June 11, 2025 edition, titled "It's all about the kids for Barker"



OSU Extension for 32 years. She has positively impacted the lives of thousands of people in our community. Not many people can claim this accomplishment and she should be very proud of it. Agriculture and Natural Resources Educator Carri explains Becky was her 4-H Agent starting at age 13 and learned from interning with Becky. Hannah Epley, Associate State 4-H Leader, recently expressed her gratitude for Becky stating, "Becky shared her expertise and knowledge with new (and seasoned!) 4-H professionals on topics related to animal sciences, fair partnerships, and building relationships along the way. She is a kind individual and always made folks feel welcome and like they had a space at the table."

(<https://www.morrowcountysentinel.com/2025/06/11/its-all-about-the-kids-for-barker/>).



## Thank you Real Money. Real World. Volunteers, Teachers and Schools!!



### *Mt. Gilead Middle School*

• Classroom lessons and simulation 8th Grade Teacher Elle Foster, Becky Barker, OSUE-Morrow County 4-H Youth Development Educator, Candace Heer, OSUE-Morrow County Family and Consumer Sciences Educator



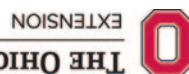
### *Cardington-Lincoln Middle School*

• Classroom lessons and simulation 8th Grade Teacher Ginger Holloway, OSUE-Morrow County Becky Barker, 4-H Youth Development Educator, Candace Heer, Family and Consumer Sciences Educator

Current Resident or

Mt. Gilead, OH 43338  
Suite 101

Ohio State University Extension  
5362 US Highway 42



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## OHIO STATE UNIVERSITY EXTENSION MORROW COUNTY

5362 US Hwy. 42 • Suite 101 • Mt. Gilead, OH 43338  
Phone: (419) 947-1070 Fax (419) 947-1071

OSU Extension-Morrow County <http://morrow.osu.edu>  
Like us on Facebook: Ohio State University Extension Morrow County  
YouTube Channel: OSU Extension – Morrow County

### Office Staff:

Amanda Staley - 4-H Youth Development Educator ([staley.35@osu.edu](mailto:staley.35@osu.edu))  
Carri Jagger - Ag & Natural Resources Educator ([jagger.6@osu.edu](mailto:jagger.6@osu.edu))  
Candace Heer - Family & Consumer Sciences Educator ([heer.7@osu.edu](mailto:heer.7@osu.edu))  
Lisa Sippel - SNAP-ED Program Assistant ([sippel.9@osu.edu](mailto:sippel.9@osu.edu))  
Liz Ufferman - Office Associate ([ufferman.1@osu.edu](mailto:ufferman.1@osu.edu))  
Barb Hildebrand - Office Associate ([hildebrand.2@osu.edu](mailto:hildebrand.2@osu.edu))



# AGRICULTURE



**Carri Jagger**  
Ag & Natural Resources Educator  
(jagger.6@osu.edu)

## Visit OSU Extension Master Gardener Volunteers at the Fair

This year at the Morrow County Fair the Morrow County Master Gardeners will be offering Q and A sessions in the Floral Hall on Wednesday August 27th from 3-7 p.m., Thursday August 28th from 1-5 p.m., Saturday August 30th from 11 a.m. - 5 p.m. and Sunday August 31st from 1-5 p.m.

They will be in the Youth Building Friday August 29th from 1-4 p.m.. We hope to see you at the fair.



## About 2025 Morrow County Fair Entries

**By Carri Jagger**

Each year with the help of the Master Gardener Volunteers we teach about different steps in the gardening process from seed starting, planting, harvesting, pest id and control, to preserving your harvest and sharing your flower bouquets with friends. Why not take your gardening a step further and enter it into the 2025 Morrow County Fair?

I started entering vegetables two years ago and it has been a really fun way to learn about new varieties, meet new people and show off all the

hard work that went into growing those beautiful vegetables. Several of the Master Gardener Volunteers not only enter their vegetables but they also enter the beautiful flowers that they grow. This year I challenge each of you to think about entering your prize farm or garden product in the fair.

Sr Fair Entries can be made online at [morrowcountysrfair.fairentry.com](http://morrowcountysrfair.fairentry.com) and entries open online on June 1st, 2025, in person June 5th, 2025 and entries close August 4th, 2025.

In person entries can be made at

the Sr. Fair office 195 S. Main St. Mt. Gilead Ohio 43338

Off Season Hours: Thursdays from 9:00 AM to 4:00 PM

July - September Hours: Monday - Friday 9:00 AM to 4:00 PM. You do not have to purchase a season pass with fair entries, you just pay the entry fee for each item that you chose to enter. Stop by the fair office and get the department guidelines or check them out on the internet. We hope to fill the floral hall with beautiful farm and garden products this year. See you at the Fair!

## An Update on Ticks and Tick-borne Disease in Ohio, plus the Buckeye Tick Test Lab

**By Tim McDermott DVM, OSU Extension Educator, Franklin County**

*(originally published in Farm and Dairy)*

It seems in Ohio it is never too early to start scouting animals for ticks. While we commonly think of summer as tick season, we actually see tick activity and positive detections of tick-borne disease all 12 months of the year in Ohio. One of the ticks of the biggest concern impacting livestock, especially cattle, in Ohio is the invasive Longhorned Tick (LHT). This tick was first discovered in Ohio on a dog in Gallia County in 2020 and has rapidly increased its range in Ohio since then. As of the beginning of 2024 we had positively identified LHT in 11 counties in Ohio including Franklin, Delaware, Ross, Gallia, Vinton, Jackson, Athens, Morgan, Monroe, Belmont, and Guernsey county. Since that point we have added Pike, Lawrence, Noble, Coshocton, Wayne, Muskingum, Washington, and Licking bringing our total up to 19 affected counties. We anticipate

adding to that list in 2025.

The Longhorned tick can be a tremendous problem for cattle being able to cause mortality through blood feeding as well as through the transmission of the protozoal disease *Theileria orientalis*. *Theileria* is a protozoal blood parasite of cattle that can cause increased heart rates, respiratory rates, anemia, jaundice, open cows, and increased mortality. There is no treatment, except supportive, approved in the US. The Longhorned tick is the primary vector of *Theileria* in Ohio. Other routes that we see this disease enter the state through purchased cattle coming from states that have high rates of *Theileria*, as once the cows have recovered from disease, they become asymptomatic carriers. If you suspect *Theileria* in your herd, contact your veterinarian as there is a blood test available.

I had discussions with producers last year about when to start scouting for Longhorned ticks and what you use on cattle that protects against them. I think the time to start scouting has already started! While Long-

horned ticks prefer heat and humidity, and most of our largest outbreaks of ticks in high numbers have occurred in July, we have seen that Longhorned tick can emerge as soon as the weather works for them and in fact, we had our first Ohio Longhorned tick discovery in 2025 in March!

This breaks the record emergence of April in 2023. The other discussion I have had with producers is regarding using fly products and do fly products also give protection against ticks? While some fly protection and prevention products also work to prevent ticks, that is not the case with every product. It is important

*Continued to page 3*



*The Buckeye Tick Testing Lab at OSU is up and running.*



# AGRICULTURE



## Ticks Update

*Continued from page 2*

that you read, understand, and follow the label on all pesticides and that label will provide the necessary guidance on what pest you are allowed to treat for. Long story short, it has to be labelled for use on flies and ticks to be effective against flies and ticks. That still gives us several choices. The next answer is what form of product do we use and when do we apply? I have found that those choices have to be individual to the farm and the production operation. You know how you work animals best and each farm is different. Making sure you are picking the correct product and scouting to find out when the pests are coming are two of

the major inputs into determining which product to use, and when to use it.

I have great news to share for Ohio producers, their families, and their animals. Ohio State University has just opened the Buckeye Tick Test Laboratory. The Buckeye Tick Test is addressing the increase in tick-borne disease in Ohio by offering cost effective tick-borne pathogen testing for the general public within 72 hours at a cost of \$49.99 per tick. You can find more details regarding the submission process and what pathogens are tested for at the laboratory website: <https://buckeyebugbite.osu.edu/>

## UPCOMING CLASSES:

### Establishing Pastures and Forages

**July 30th at 6:30 pm**

Ag Credit Building 5362 US Hwy 42, Mt. Gilead Ohio 43338  
Learn the steps to successful forage establishment.

### Fairy Garden and Mini Garden Make and Take.

**August 5th at 6:00 pm**

Selover Library – Chesterville  
Pre-register with Selover Library (419) 768-3431

### Using & Establishing Cover Crops on the Farm and in the Garden

**September 23rd at 6:30 pm**

Headwaters Outdoor Ed. Center 151 Home Rd, Mount Gilead, OH  
Learn the benefits of cover crops, types and how to establish them.

### Concrete Pumpkin Make and Take \$5.00

**September 25th at 6:30 pm**

Headwaters Outdoor Ed. Center 151 Home Rd, Mount Gilead, OH  
Must Pre-register with the extension office, 419-947-1070

### Overwintering annuals

**September 30th at 6:00 pm**

Cardington Lincoln Library  
Would you like to learn how to overwinter your annual and tender flowers to save some money each year? Join the MGVs for an in depth discussing about their successes in overwintering annuals.

### Fall Pumpkin Flower Arrangement Class \$10.00

**October 13th at 6:30 pm**

Ag Credit Building 5362 US Hwy 42 Mt. Gilead Ohio 43338  
Must Pre-register with the extension office 419-947-1070

### Adding trees & shrubs to your landscape

**October 28th at 6:00 pm**

Perry Cook Memorial Library – Johnsville  
Are you thinking about adding trees or shrubs to your landscape? Join the MGVs to see what native tree and shrub options are available.

### Bird Watching Tips

**November 11th at 6:00 pm**

Selover Library – Chesterville  
Do you love watching the birds during the winter months? Join the MGVs to see how you can offer care to them through the winter.

### Holiday Cactus

**December 8th at 6:00 pm**

Mt. Gilead Library  
Holiday Cactus – Do you have a Thanksgiving, Christmas or Easter Cacti? If you aren't sure that is a question that the MGVs can help you answer.

## Ag Tire Recycling

**Sat., Aug. 9 | 9 a.m. to 1 p.m.**

**Morrow County Fairgrounds, 195 S. Main St., Mount Gilead**

**By appointment for residents of Delaware, Knox, Marion and Morrow Counties only.**

**To schedule call DKMM at 419-751-2290 by Aug. 1.**

**Must have count and size of each tire when registering.**

**Tire size is measured from side to side (not the inside diameter) and passenger tires will not be accepted.**

#### Fees:

\$2 36" and under (typically semi, front tractor, implement, wagon)

\$5 37" - 60" (typically most rear tractor)

\$10 61" and over (typically large rear tractor, combine)



Partially funded by



#### Supported by:

Delaware, Knox, Marion, and Morrow Solid Waste District  
Delaware, Knox, Marion, and Morrow County Farm Bureaus  
OSU Extension - Delaware, Knox, Marion and Morrow Counties  
Delaware, Knox, Marion and Morrow County Soil and Water Conservation Districts



# Water, the forgotten nutrient?

**By Dr. John Yost, Extension Educator, Agriculture and Natural Resources, Wayne County, Ohio State University Extension**  
*(originally published in Progressive Cattle)*

I have a riddle for you. If you have too much, or too little, you worry about it constantly but if you have the right amount you don't think about it.

The answer is water.

We understand that water is the single most important nutrient to sustain life, yet most of the time we take it for granted. After all, have you ever been standing in front of the kitchen sink, watching your neighbor get a rain shower that you wish would move a half mile to the north to help your crops out? Our crops in the field don't care about the quality of the water, as long as they get it. For our livestock, water availability and quality are crucial to their health and performance.

There are several factors that determine how much water cattle will need to consume. A cow's body is estimated to be comprised of 58 percent to 81 percent water. If she is lactating, her milk is about 87 percent water. The volume of free water that needs to be available per head is dependent on several factors. Their mature body weight, the amount of dry matter consumed, ambient temperature and relative humidity, production level, the temperature and quality of the water all affect their consumption. In general, it is estimated that beef cattle require one gallon of water per 100 pounds of body weight. The estimation can double for lactating cows, and as environmental temperatures reach 90 degrees for all production classes, to allow 2 gallons of water per 100

pounds of body weight (Oklahoma St. Univ. Extension Publication e-974).

As you consider supplying your herd's water needs, you need to factor in their housing environment and behavior. Spring forages can be 80 percent moisture, and supply about 0.5 gallons of water for every pound of forage dry matter consumed. As forages mature their moisture content drops significantly, and more free water will need to be made available. Cattle are estimated to drink two to five times each day, for one to four minutes at each visit, consuming about two gallons of water per minute. To accommodate their needs, it is recommended that cattle be within 700 to 900 ft of a waterer. As distance increases beyond 900 ft, cattle are more likely to come to the waterer as a herd rather than as individuals. When cattle are forced to come as a herd, there is a greater opportunity for calves and submissive cows to be pushed out and prevented from drinking.

In August of 2024, we completed a pilot project at The Ohio State University, where we observed the average number of visits to the waterer, the amount of water consumed per head per day, and average daily gain based on the distance from the grazing paddock to the waterer for a group of crossbred yearling heifers (n = 32). Waterer visits, water intake, and body weight were measured with a mobile Vytelle SENSE™ unit with a Richie Brand water fitted with a flow meter to determine waterer recharge rate. Water intake and body weight were assigned to individual animals via Electronic Identification (RFID) tags (figure 1, above).

As the walking distance to the wa-



Figure 1: Mobile Vytelle SENSE (TM) weigh system with water as attractant used to record animal weight and water intake.

ter increased, the number of daily visits, volume of water consumed, and ADG decreased for the herd. Cattle that had to walk less than 400 yards to reach water, visited the waterer 3 times on average each day (figure 2) and consumed 4.5 gal/hd (figure 3). When the heifers were required to walk a maximum distance of 893 yards to water, they averaged 2 visits to the waterer and consumed 3 gal/hd/day. When we looked at ADG, heifers gained between 3 and 4.5 lbs/hd/day when grazing close to the waterer and only 1.5 lbs/hd/day when forced to walk close to 900 yards (figure 4).

Although this was just a pilot project, and we didn't factor in forage quality, it did help us visualize beef cattle water needs and potential production impacts. When sizing and locating waterers, you need to determine the herd's daily water requirement, and understand the behaviors associated with your management system. The general recommendations are:

The waterer should be a minimum of 18 inches high.

For large groups, or when travel distance increases beyond 900 ft,

consider trough style water units or tanks.

Ideally, allow 3.5 inches of waterer space per head

Waterer recharge rate should be equal to 2 gallons per minute for the maximum number of animals that can drink at one time. For example, if a waterer will allow 4 head to drink at one time the recharge rate should be 8 gallons per minute (2 gpm X 4 head = 8 gpm recharge rate). The university of Missouri Extension has a valuable publication titled "Pumps and Watering Systems for Managed Beef Grazing" (UM Extension Publication eq380) to assist you in designing your watering system.

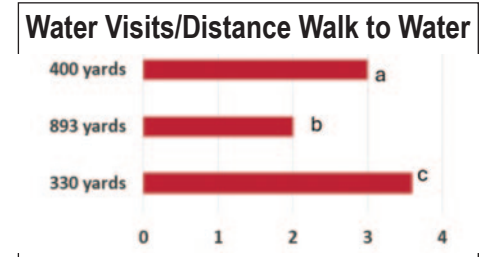


Figure 2. Average number of waterer visits per day.

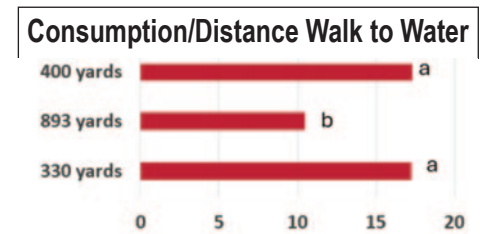


Figure 3. Total water consumption based on distance to waterer (L/day).

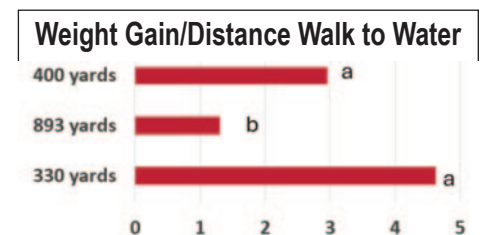


Figure 4. Average daily weight gain for differing distance to waterer (lbs/day).



## Ohio Crop Returns Outlook for 2025

By Barry Ward, Leader, Production Business

Lower crop prices and a mix of higher and lower input costs have set the stage for another challenging profit outlook for Ohio commodity crops in 2025. Supply and demand fundamentals have both continued to negatively affect commodity crop prices. Some input costs are projected to be higher while some are expected to be steady to lower. The result of this set of economic fundamentals is an outlook for low to negative margins for the 2025 corn, soybean and wheat crops.

Production costs for Ohio field crops are forecast to be steady to slightly higher than last year with higher machinery and equipment costs leading the way. Lower crop protection chemical prices are offset by an expected increase in product need. Fuel and crop insurance costs are also projected to be slightly lower but land rents continue to increase on average.

Variable costs for corn in Ohio for 2025 are projected to range from \$502 to \$614 per acre depending on land productivity. The trend line corn yield (190.1 bpa) scenario included in the corn enterprise budget shows an increase in variable costs of 2.4% with an increase in fixed costs of 3.4% due to higher rents and machinery/equipment costs.



Variable costs for 2025 Ohio soybeans are projected to range from \$264 to \$298 per acre. Variable costs for trend-line soybeans (56.8 bpa) are expected to decrease 2% in 2025 compared to 2024 while fixed costs are expected to increase 2.9% in 2025.

Wheat variable expenses for 2025 are projected to range from \$231 to \$288 per acre. The trend line wheat yield (81.5 bpa) scenario included in the wheat enterprise budget shows a decrease in variable costs of 2.3% with an increase in fixed costs of 2.7%.

Returns will be mixed depending on crop price change throughout the rest of the year. Grain prices used as assumptions in the 2025 crop enterprise budgets are \$4.20/bushel for corn, \$10.20/bushel for soybeans and \$6.00/bushel for wheat (wheat price set in October using the September '25 Futures price at that time).

Projected returns above variable costs (contribution margin) range from \$137 to \$344 per acre for corn and \$200 to \$398 per acre for soybeans. Projected returns above variable costs for wheat range from \$160 to \$299 per acre although significant crop price decreases since last fall (when the price was set for this enterprise budget) will likely cause wheat to be less profitable than these return projections indicate.

Return to Land is a measure calculated to assist in land rental and purchase decision making. The measure is calculated by starting with total receipts or revenue from the crop and subtracting all expenses except the land expense. Returns to Land for Ohio corn (Total receipts minus total costs except land cost) are projected to range from -\$73 to



\$118 per acre in 2025 depending on land production capabilities. Returns to land for Ohio soybeans are expected to range from \$51 to \$237 per acre depending on land production capabilities. Returns to land for wheat (not including straw or double-crop returns) are projected to range from \$42 per acre to \$171 per acre assuming a planting-time price of \$6/bushel. If a current forward harvest price for wheat of \$5.25/bushel is used, the Return to Land is in a lower range of -\$5 to \$101 per acre depending on land production capabilities.

Total costs projected for trend line corn production in Ohio are estimated to be \$1021 per acre. This includes all variable costs as well as fixed costs (or overhead if you prefer) including machinery, labor, management and land costs. Fixed machinery costs of \$109 per acre include depreciation, interest, insurance and housing. A land charge of \$241 per acre is based on data from the Western Ohio Cropland Values and Cash Rents Survey Summary. Labor and management costs combined are calculated at \$84 per acre. Details of budget assumptions and numbers can be found in footnotes

included in each budget.

Total costs projected for trend line soybean production in Ohio are estimated to be \$677 per acre. (Fixed machinery costs: \$88 per acre, land charge: \$241 per acre, labor and management costs combined: \$50 per acre.)

Total costs projected for trend line wheat production in Ohio are estimated to be \$620 per acre. (Fixed machinery costs: \$58 per acre, land charge: \$241 per acre, labor and management costs combined: \$51 per acre.)

Data used to compile these enterprise budgets includes research, surveys, market data, economic modeling, calculations and experience of authors.

Current budget analyses indicates less favorable returns for all three primary commodity crops in Ohio for 2025 but crop price change and harvest yields may alter this outcome. These projections are based on OSU Extension Ohio Crop Enterprise Budgets. Newly updated Enterprise Budgets for 2025 have been completed and posted to the Farm Office website: <https://farmoffice.osu.edu/farm-management/enterprise-budgets>



# 4-H NEWS



## 2025 Skillathon Information



**Amanda Staley**  
4-H Youth Development Educator  
(staley.35@osu.edu)

2025 Skillathon Stations:  
\*\*Schedule by Club will be posted on our website later\*\*  
\*\*Schedule will happen August 4th or 5th – 6:00 – 9:00 p.m.\*\*  
Participants will come one time according to a schedule list. In each specie, Junior Fair Participants will be required to be tested on their knowledge at 4 stations. One station will be an interview and project books will be evaluated. The other stations for each species are listed below. Awards will be given for top

### 2025 Skillathon Stations:

project book work. The Morrow County Extension’s website has practice sheets and more details for stations ([www.morrow.osu.edu](http://www.morrow.osu.edu)). Junior Fair Board members and advisors choose the stations each year.

#### Swine: (Resource Book Page #)

- A. Identify the parts of the hog (pg. 3-2)
- B. Biosecurity (online)
- C. Reading a feed label (24-18)

#### Beef & Feeder Calves: (Resource Book Page #)

- A. Identify the parts of the beef animal (pg. 2-2)
- B. Identify the wholesale cuts of meat (CP-15 and online)
- C. Giving shots – proper location, reading medicine labels (12-8, 12-10)

#### Sheep: (Resource Book Page #)

- A. How to read a feed tag (pg. 147)
- B. Giving shots – proper location, reading medicine labels (141, 148)
- C. Identifying the parts of the sheep (pg. 11)

#### Dairy: (Resource Book Page #)

- A. Identify the different dairy breeds (pg. 197)
- B. Reading a feed label (pg. 161-162)
- C. Biosecurity (pg. 92-93 and posted online)

#### Goats: (Resource Book Page #)

- A. Identify the parts of your goat (pg. 22)
- B. Goat Hoof Trimming (pg. 85-87)
- C. Giving shots – proper location, reading medicine insert (pg. 166 and 170)

#### Horses and Ponies: (All resources posted online)

- A. Identify the parts of a horse
- B. Weed Identification
- C. Medication label task

#### Poultry (Broilers, Pullets, Turkeys, Fancy Chickens, Ducks and Geese): (Posted online and Handbook pg. #)

- A. Identify the parts of your bird (if you own more than one type you can choose which bird you want to identify) (pg. 51-59 excluding wings)
- B. Reading a Feed Label (online)
- C. Reading medicine label (pg. 38-39)

#### Rabbits: (Online Resources)

- A. Determine rabbit gender (pg. 60)
- B. Identify disorders
- C. Reading a feed label

#### Dogs: (Resource Book Page #)

- A. Identify the parts of a dog (pg. 130)
- B. Bites, Ears, & Eyes (pg. 23-24)
- C. Types of Tails (pg. 25)



### Morrow County Cattlemen Association Looking for Workers at This Year’s Fair

Once again, the Morrow County Cattlemen’s will be looking for groups who wish to work in their food stand during the Morrow County Fair. For more info and to sign up please call: Dixie Shinaberry - 419-512-5644

### Did you recently complete or help a member complete a 4-H project?

4-H Project Central is a great resource for 4-H members and project helpers to review and preview Ohio 4-H project books. Visit [ohio4h.org/projectcentral](http://ohio4h.org/projectcentral) to

submit your project book review and share your thoughts with everyone. It’s easy—and leaving a review is a terrific way to help other members choose a future project!



# 4-H NEWS



## From the Junior Fair Office

### Junior Fair Board Update

**Jr Fair Entries** - Thank you to all that helped with completing the on-line entries. Entries were due June 15th. Any entry received after is subject to a late fee.

**Facebook** – Please follow our Facebook page, Morrow County Jr. Fair. We will have updates and reminders posted about upcoming events and things you should know.

**Tag Replacements and Project Scratches** - If your animal loses their ear tag during the time before fair, please let us know ASAP. For Hogs and Cattle, we will provide a new ear tag and new ID papers will have to be turned in. Please bring the old tag to the Jr Fair office, if possible. If you must replace a scrapie tag for a sheep or goat, we will need the old scrapie number along with the new one. If you bring an animal to the fair with a scrapie tag that does not match our records or has no identification at all, it will be sent home. If you have decided not to bring an animal to the fair that was previously entered, we would appreciate it if you could call the Jr. Fair Office, Lindsey or Angie, and let us know which animal will no longer be exhibited. This helps greatly with pen assignments and show programs.

**Youth Building Display Booths** – Sizes available are 4, 8, 12, 16, or 20 feet. If you need bigger than 20 feet, pick the two sizes you want to be put together (There will be a support divider between them). The last day to reserve your booth space is August 5th. You can make your reservation on the sign-up sheet in the Youth Building or call Russ Mayer at 419-560-3689.

**Jr. Fair Premiums and Pick Up** - All entries, including livestock, will be graded A, B, or C with premiums

paid as indicated in the fair book. Junior Fair premiums will be paid out in cash, during set hours (see below). **Exhibitors can pick up premiums prior to showing their livestock project**, during designated times. **If premiums are not picked up by 12pm Saturday, August 30th, they will be forfeited** and turned back to the Sr. Fair Board. Premiums for livestock projects will be determined by the Skill-a-thon score. Any project that is judged before the fair (this includes pre-fair agricultural judging, home economics projects, Scouts etc.) must be exhibited at the Morrow County Fair to receive a premium.

**Rate per Exhibit:**

Livestock projects: A - \$5.00, B - \$4.00, C - \$3.00

Still Projects: A - \$4.00, B - \$3.00, C - \$2.00

**Premium Pick-Up and Hours** -

The exhibitor or parent may pick up the money with the exhibitor's valid fair pass in the Youth Building. An advisor will be able to pick up money for those who are unable to make it to the fair.

- Thursday, August 28th from 5 p.m. - 7 p.m.

- Friday, August 29th from 10 a.m. – 1 p.m.

- Saturday, August 30th from 10 a.m. – 12 p.m.

**Digital Sale Cards** - A digital sale card for each species must be submitted within 15 minutes after the end of the respective market show. Exhibitors submitting a late sale card, before 10 p.m. Saturday, will be charged a \$50 penalty. Late sale cards, submitted after 10 p.m. Saturday, will sell their project at the end of the species with a \$75 penalty. Exhibitors not presenting their project

to sell in their assigned order will sell their project at the end of the species, with a \$150 penalty. Please look for detailed information on how to best complete it at Skillathon.

**Important Dates**

**July 20th** - King and Queen Interviews

**July 15th** - Judging for Food/Clothing Projects

**July 16th** - Still Project/Ag Misc Judging by Appointment

**July 31st** - Market Rabbit Check-In and Poultry Pullorum Testing

**August 4th** - Skillathon

**August 5th** - Skillathon  
**August 9th** - Dog Show - 10 am in Youth Building

**August 24th** - DUNF must be submitted by Noon (Except for Poultry)

**Office Hours and Contact Info**

**Normal Office Hours:**  
Thursdays from 9 a.m.-2 p.m.

**Contact Information:**  
Lindsey Gallik, Coordinator  
Angie Bush, Office Assistant  
Phone: 419-947-1567

Email: [Morrowcountyjrfair@gmail.com](mailto:Morrowcountyjrfair@gmail.com)



MORROW COUNTY

## Morrow County Fair Stall Signs

### Calling all Morrow County youth exhibitors!

Youth exhibitors of Farm Bureau families can display a stall sign on their pens during fair week and receive **exclusive add-on money** for their 2025 project.

Signs will need to be **picked up at the fair on Mon., Aug. 25**. Please **reserve a sign by Mon., Aug. 11**, by scanning the QR code or calling the Farm Bureau office at (419) 747-7488. If you're not a member and you would like to be, you can join by calling the office. Signs are limited to one per exhibitor.



Scan to reserve a stall sign



# 4-H NEWS



## Junior Fair Livestock Sale Committee Volunteers Wanted

Interested in helping with the Morrow County Jr. Fair Livestock Sale? Opportunities are:

- Pre-Sale
- Announcing Members Names
- Photos
- Hospitality Food: Shifts –

10:30-11:30 am; 11:30-12:30 pm;  
12:30-1:30 pm; 1:30-2:30 pm; 2:30-3:30 pm

For more information or questions, contact any Sale Committee member.

## What's 4-H Still Project Judging Like?

1. Make sure you have all the requirements for your project(s). These requirements were inserted in your project book or can be found at the Morrow County website:

<http://morrow.osu.edu> – 4-H Youth Development – 4-H Project Rules, Guidelines & Book Updates

2. Dress and present yourself neatly and clean. Clothing participants are required to wear their clothing project at judging.

3. Arrive to the judging location at least 15 minutes prior to your scheduled time.

4. After arriving, check in with the Jr. Fair Board and follow their directions.

5. Once to the judging table, introduce yourself to the judge. They will ask you questions about your project. Be prepared to tell the judge all

the things you learned and did. The judge can't read your mind! The more you can tell and show what you have learned the better.

6. Once the judge is done with your interview, they will give you written comments and give you a grade of A, B, or C. You may be eligible for other awards, but they will not be announced until later in the week.

7. Once you have been judged you are free to leave. Clothing projects will need to be judged as a project group for regular judging and attend the evening Style Review to be eligible for State Fair.

If you have any other questions about judging, ask your club advisor or contact the OSU Extension Office.



**Veterinary Exploration Day**  
at the Ohio State Fair!

**Thursday, July 31, 2025**  
9 a.m. - 12:30 p.m.

This half-day experience for high school students grades 9-12 seeks to provide participants with an in-person, close contact experience with animals on display at the Ohio State Fair.

**Register now!**

OHIO VETERINARY MEDICAL ASSOCIATION



## Calling all aspiring veterinarians!

Ohio Veterinary Medical Association at the Ohio State Fair on Thursday, July 31st from 9 a.m. to 12:30 p.m.!

This half-day experience is perfect for high school students in grades 9-12 who want to get up close and personal with the animals on display at the fair. You'll follow a unique agenda, taking you around the fairgrounds to learn about a variety of animals and what it takes to

care for them.

The program concludes with a college fair, giving you the chance to meet representatives from state institutions offering veterinary education. It's a fantastic opportunity to explore your future in this exciting field!

Don't miss out on this incredible opportunity. Register now and kick-start your journey towards a career in veterinary medicine!



# 4-H NEWS



## Construction Trades Career Exploration Workshop is a success!

The 7th annual Career Exploration Workshop for the Construction Trades was a huge success. This is a partnership between OSU Extension

– Morrow County and the Construction Trades Academy at TriRivers Career Center.

Twenty-one youth registered to

participate and learn about construction (building their own toolboxes to take home), concrete forming, and operating heavy machinery.

They were even given tools to fill their toolboxes so they could continue their learning at home.



Workshop participants with their mentors.



Teamwork is best when building concrete forms.

## OSU Extension - Morrow County at the 2025 Morrow County Fair!

See dates and times below that OSU Extension will be providing educational programming.

### YOUTH BUILDING

**Wednesday, August 27 at 1 p.m.:** Can I Can It, Freeze It or Dehydrate It? *Candace Heer, OSU Extension Educator, Family and Consumer Sciences*

**Wednesday, August 27 at 3 p.m.:** Composting Basics *Carri Jagger, OSU Extension Educator, Agriculture and Natural Resources*

**Thursday, August 28 at 1 p.m.:** Computer Coding for Youth using Sphero Bolts and indi *Amanda Staley, OSU Extension Educator, 4-H Youth Development*

**Thursday, August 28 at 3 p.m.:** Computer Coding for Youth using Sphero Bolts and indi *Amanda Staley, OSU Extension Educator, 4-H Youth Development*

**Friday, August 29 at 1 p.m.:** Ask

a Master Gardener

**Friday, August 29 at 1 p.m.:** Ask a Master Gardener and Family & Consumer Sciences/Home Economics Educator (ANR, FCS)

**Saturday, August 30 at 1 p.m.:** Good Garden Bugs *Carri Jagger, OSU Extension Educator, Agriculture and Natural Resources*

**Saturday, August 30 at 3 p.m.:** Protect Your Skin with a Dermascan *Candace Heer, OSU Extension Educator, Family and Consumer Sciences*

### FLORAL HALL

**Wednesday, August 27 from 3-7 p.m.:** Ask a Master Gardener

**Thursday, August 28 from 1-5 p.m.:** Ask a Master Gardener

**Saturday, August 30 from 11 a.m.-5 p.m.:** Ask a Master Gardener

**Sunday, August 31 from 11 a.m.-5 p.m.:** Ask a Master Gardener



Each student built a toolbox they got to take home.

## Poultry American Standard of Perfection and Poultry Resources

OSU Extension Morrow County has obtained a color copy of the "American Poultry Association's, American Standard of Perfection" as a reference to poultry project members and citizens in Morrow County. The book is utilized by judges, students, and breeders of domestic poultry as their reference of poultry perfection. At this point we ask that

individuals stop by our office to utilize this excellent resource.

Also if you missed it, we have created a resource manual for our poultry project members. Stop by our office or ask your advisor for a copy. We have put together lots of helpful information about poultry for you to use until the state 4-H program releases their version.



# FAMILY & CONSUMER SCIENCES



**Candace Heer**

Family & Consumer Sciences Educator  
(heer.7@osu.edu)



**Lisa Sippel**

Program Assistant, SNAP-Ed  
(sippel.9@osu.edu)

## SNAP-Ed Polite Bites!

By Lisa Sippel,  
SNAP-Ed Program Assistant

Eat Right when Money's Tight

Food costs are on the rise. Read for tips on how to stretch your food dollars by planning ahead,

budgeting, making smart food choices, and preparing low-cost recipes!

### During Shopping

- **Have something to eat before you go shopping.** It's easier to stick to your shopping list when you are not hungry.

- **Try store brands.** They are the same quality and cost less.

- **Compare products for the best deal.** Use unit pricing and also the Nutrition Facts labels to get the best product for your money.

- **Check "sell by" or "use by" dates.** Buy the freshest food possible.

### BEFORE Shopping

- **Plan your weekly meals and snacks.** Preparing in advance will help you know what you need and also help you put leftovers to good use.

- **Use store circulars and go on-**

**line to look for coupons, sales, and store specials.** Only use coupons on foods you normally eat. Make sure the coupons give you the best value for your money.

- **For added savings, sign up for the store discount card** or bonus card at your local supermarket.

### AFTER Shopping

- **Store food right away** in the refrigerator or freezer to keep it fresh and safe.

- **If you buy a large amount** of fresh food, like meat, poultry, or fish, divide it into meal-size packages, label the food, and freeze it for later use.

- **Use foods** with the earliest expiration dates first.

For low-cost, healthy recipe ideas and cooking videos, visit [www.celebrateyourplate.org](http://www.celebrateyourplate.org)

Have a healthy summer! – Lisa Sippel, SNAP-Ed Associate

Article adapted from USDA FNS-492 infographic.



## Hello Morrow County Residents!

In the Family and Consumer Sciences section of the Scarlet & Gray News we are focusing on...

- food and safety with stretching your food dollars, experiencing and understanding paper cuts,

- food preservation and food safety events.

We would like to thank two school districts, Cardington-Lincoln and Mt. Gilead for hosting the **Real Money. Real World.** OSU Extension program and simulation along with the teachers who assisted us in teaching the four classroom lessons and the volunteers that made it happen. Their pictures are in this edition.

Read the science-based articles

including Lisa's "polite bites" and join OSU Extension for one or more of our many events this summer for all age groups. Part of the "Extension experience" in Morrow County is spending time with others learning, sharing and growing together even for an hour.

Let me know your thoughts and questions. Give me a call, send me an email, leave me a voicemail, or just stop in the office for a visit.

Yours in wellness and contentedness,

*Candace*

Your Family and Consumer Sciences Educator (Home Economics)  
419-947-1070 • heer.7@osu.edu

## ServSafe Manager Training

The ServSafe® Manager training meets Ohio Department of Health Manager Certification in Food Protection requirements by providing in-depth food safety and safe food handling education for owners, managers, and operators within the food service industry. This training enhances understanding of major food safety principles, including factors leading to contamination of food, time and temperature abuse, cross-contamination and personal hygiene.

Program participants will receive a workbook and take the National Restaurant Association ServSafe® certification examination. Those successfully completing the course and passing the exam will receive Ohio Department of Health Manager Certification in Food Protection certificates.

COST OF THE COURSE: \$175

DATES:

- CLASS: August 5 and 12

- o 9:00 AM - 4:00 PM

- EXAM: August 19

- o 9:00 AM - noon



Photo: Adobe Express

LOCATION: Ramser 4-H Activity Center, 700 Perimeter Drive Mt. Vernon, OH 43050

Register at [go.osu.edu/knoxservsafe](http://go.osu.edu/knoxservsafe)

For more information Candace Heer heer.7@osu.edu or 419-947-1070





## Why do paper cuts hurt so much?

By Jayesh Vallabh, MD, Ohio State Wexner Medical Center

<https://health.osu.edu/health/general-health/why-do-papercuts-hurt>

Paper cuts, despite being minor and shallow wounds, can cause significant pain. It has less to do with the size of the cuts themselves, and more to do with the areas of the body in which we often experience paper cuts.

Your nerves: Manhattan vs. rural Ohio

Our face, hands and fingertips are richly innervated, meaning they're filled with tiny nerves and nerve endings that need to receive sensory information from touch in order for us to perform fine motor functions.

Each of those nerves is like a fiber optic cable, meticulously engineered to transmit vast amounts of information swiftly and accurately between our brains and the rest of our bodies.

A body part like the fingertip is like Manhattan — filled with crisscrossing cables for a dense population. Even a small event in Manhattan could disrupt online connections for many people.

But our backs are more like a desolate area of Nebraska, where a car could hit a utility pole and affect service for only a few residents.

That's why the pain of common paper cuts is so exquisite — a paper cut on your finger, lips or tongue is cutting through many more nerve endings and lighting up more pain receptors than it might on your back.

Those densely innervated areas of the body also are richly supplied with blood. Many tiny capillaries stretch underneath the skin of your face, hands and fingers, so cutting through them with the edge of a piece of paper also causes you to bleed more than if you'd been cut elsewhere on the body.

For some people, paper cuts are even worse.

Those with neuropathy (nerve damage), such as the damage to hands and feet caused by diabetes, can sometimes experience less pain with paper cuts and also make these patients prone to poorly healing wounds. An immune disease like fibromyalgia, which changes the way the brain recognizes pain signals, can also make people more sensitive to cuts. On the other hand, some people with nerve damage may not feel a paper cut at all, which could actually lead to more damage.

The pain from paper cuts is protective — it makes you realize you have a cut and forces you to baby that area of the body for a day or two, helping avoid infection or further damage. But if you don't have sensation and don't feel the pain, you're less careful with

the cut and it's less likely to heal.

Preventing and treating paper cuts

- Dry or cold skin is more prone to paper cuts. To protect your skin, stay moisturized and wear gloves in cold weather.

- Using tools to open and seal envelopes can effectively prevent common paper cuts on hands and lips.

- For a superficial paper cut, clean the area, keep the edges of the cut together, and apply antibiotic ointment and a bandage to prevent infection. Deeper cuts may need medical attention.

- Paper cuts usually heal in two to three days. If it doesn't improve, especially if you have diabetes or are immunocompromised, consult your doctor to check for infection.



Our fingers and hands are capable of performing various tasks daily: using a pen, cooking, cutting, and feeling objects in the dark. We're able to do this all because of the many nerve endings and nerve organelles in our fingertips.

Next time you get a paper cut, consider that the reason it's so painful is the same reason you're able to do so much with your hands.

### MORROW COUNTY

## Food Preservation Program | 2025

DATE	CLASS	TIME	LOCATION	REGISTRATION & FEE
July 19, 2025	Food Preservation & Food Safety Q&A plus Dial Gauge Testing	10:00 am – 12:00 pm	Selover Public Library (31 State Route 95 W, Chesterville, OH)	No registration required
July 22, 2025	Food Preservation: Let's Jam!	6:30 pm	Ag Credit Building, Mt. Gilead, OH	No fee but must register at OSU Extension-Morrow County at 419-947-1070
July 28, 2025	Freeze-Drying Fundamentals	6:30 pm	Ag Credit Building, Mt. Gilead, OH	No fee but must register at OSU Extension-Morrow County at 419-947-1070
August 27, 2025	Can I Can It, Freeze It or Dehydrate It?	1:00 PM	Morrow County Fair Grounds – Youth Building	No registration required
September 23, 2025	Food Preservation: Let's Preserve Apples!	6:30 PM	Ag Credit Building, Mt. Gilead, OH	No fee but must register at OSU Extension-Morrow County at 419-947-1070
October 28, 2025	Food Preservation: Let's Make Jerky!	4:30 PM	Ag Credit Building, Mt. Gilead, OH	No fee but must register at OSU Extension-Morrow County at 419-947-1070

- Canner inspection and dial gauge testing offered at each session.
- Interested in your group booking a food preservation class?

# OSU EXTENSION CALENDAR OF EVENTS

## JULY 2025

- 6 Camp Counselor Meeting, 5 p.m., Ag Credit Building Conference Room
- 7 Jr. Fair Board – 7 p.m.
- 8 **Registration Due:** Cloverbud Fun Day
- 8 Control of Common Garden Insects & Diseases, 6:30 p.m., Headwaters Outdoor Education Center
- 9-13 4-H Camp
- 10 Broiler Pickup – 12:30 p.m., Fairgrounds (bring boxes)
- 15 4-H Food & Clothing Judging
- 16 4-H General Project Judging
- 17 Horse & Pony Committee, 8 p.m., Fairgrounds
- 19 Cloverbud Fun Day
- 19 Food Preservation & Food Safety Q&A, plus Dial Gauge Testing, 10 a.m.-12 p.m., Selover Public Library, Chesterville (31 State Route 95 W, Chesterville, OH)
- 22 Food Preservation: Let's Jam!, 6:30 p.m., Ag Credit Building Conference Room
- 23-Aug. 3. Ohio State Fair

- 24 Sr. Fairboard, 7 p.m., Fairgrounds
- 28 Freeze Drying Fundamentals, 6:30 p.m., Ag Credit Building Conference Room
- 29 4-H CARTEENS, Ag Credit Building Conference Room, 5:30 p.m.
- 30 Establishing Pastures & Forages, 6:30 p.m., Ag Credit Building Conference Room
- 31 Market Rabbit Mandatory Registration, 5-7 p.m., Youth Building, Fairgrounds
- 31 Pullorum Testing, 5-7 p.m., Youth Building, Fairgrounds
- 31 Junior Fairboard - 7:30 p.m.

- 24 Drug Use Notification Form (DUNF) Due by 12 noon Online
- 25 Fair Move-In Day
- 25-Sept. 1 – Fair!
- 27 Food Preservation: Can I Can It, Freeze It or Dehydrate It?, 1 p.m., Morrow County Fairgrounds – Youth Building

## AUGUST 2025

- 4&5 Skillathon (By Club – Schedule TBA)
- 5 Fairy Garden & Mini Garden Make & Take, 6 p.m., Selover Library, Chesterville
- 5 ServSafe Manager Training, 9 a.m., Ramser 4H Activity Center, 700 Perimeter Dr., Mt. Vernon, Ohio, **Pre-Registration required - call 419.947.1070**
- 21 Horse & Pony Committee, 8 p.m., Ag Credit Building

## SEPTEMBER 2025

- 16-18 Farm Science Review
- 18 Horse & Pony Committee, 8 p.m., Ag Credit Building
- 23 Using & Establishing Cover Crops on the Farm & in the Garden, 6:30 p.m., Headwaters Outdoor Education Center, Home Road, Mt. Gilead
- 23 Food Preservation: Let's Preserve Apples!, 6:30 p.m., Ag Credit Building Conference Room
- 24 Volunteer Banquet
- 25 Concrete Pumpkin Make & Take, 6:30 p.m., Headwaters Outdoor Education Center, Home Road, Mt. Gilead, **Pre-Registration required - call 419.947.1070**
- 30 4-H CARTEENS, Ag Credit Building Conference Room – 5:30-7:30 p.m.
- 30 How To Overwinter Annuals & Tender Flowers, 6 p.m., Cardington Lincoln Library

**July 2025**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

**August 2025**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
						2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

**September 2025**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
		6	7	8	9	10
		11	12	13	14	15
		16	17	18	19	20
		21	22	23	24	25
		26	27	28	29	30

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