

# Hart County Agriculture

## Summer 2024

I hope this newsletter finds everyone safe and healthy. Official summer is just a few weeks away and Hart County Producers are working hard to get crops in the ground, as well as forages put up for winter feeding. There's no doubt that we have the best producers in this county that strive daily to produce quality crops and livestock to feed the world.

In this newsletter you will find lots of information about upcoming county and regional programs as well as some services that are offered. Please feel free to reach out if you have any questions.

June is Dairy Month so let's celebrate our local dairy farmers by drinking an extra glass of milk or eating a little extra ice cream. My kids definitely do not need the encouragement to do that as they already are pretty good supporters of the dairy industry.

I hope everyone has a safe and productive summer. If there is anything that we can do to help let us know. Thank you for all you do!

*Adam Estes*



### In this Issue

- FSA Text Alerts/Program Sign ups
- Hart County Cattlemen's Farm to Table
- Ag Tech Field Day
- Electric Fencing School
- Corn, Soybean, and Tobacco Field Day
- And Much More...



# Save the Date

## Hart County Cattlemen's Farm to Table Dinner

**FEATURING A  
BENEFIT AUCTION  
FOR THE HART  
COUNTY FFA ALUMNI  
CHAPTER**



Friday, June 28, 2024

Hart County Fairgrounds

Registration at 5:30PM, Dinner at 6:00PM

300 Tickets will be sold. \$25 per ticket.

Tickets will go on sale on Monday, June 10, 2024



# 2024 CORN, SOYBEAN & TOBACCO FIELD DAY



**SAVE THE DATE**

**July 23<sup>rd</sup>**

**UKREC Farm  
Princeton, KY**



**Martin-Gatton**  
College of Agriculture,  
Food and Environment

**Grain and Forage  
Center of Excellence**

*Kentucky Fencing Schools*

# Electric Fencing for Serious Graziers: Installation and Troubleshooting

*Organized and Sponsored by the Kentucky Forage and Grassland Council, UK  
Cooperative Extension Service, and the Master Grazer Program*

**What:** Hands on electric fencing school covering installation and troubleshooting

**When:** June 12, 2024, 9 AM to 4 PM

**Where:** Butler County Extension Office  
102 Parkway Lane  
Morgantown, KY 42261

Registration  
limited to first  
30 participants!

**Preregistration Required:**

Register online at: <https://2024ElectricFencing.eventbrite.com>

Or call or email Caroline Roper at 270-704-2254  
or [Caroline.Roper@uky.edu](mailto:Caroline.Roper@uky.edu)



Kentucky Master Grazer  
Educational Program





## WORKSHOP AGENDA AND TOPICS

### **Classroom Sessions: Fundamentals of Electric Fencing**

- Electric fencing theory and principles-Morgan Hayes
- System layout and design-Jeremy McGill

### **Hands-on Sessions: Installation and Troubleshooting**

#### Installation of permanent electric fencing

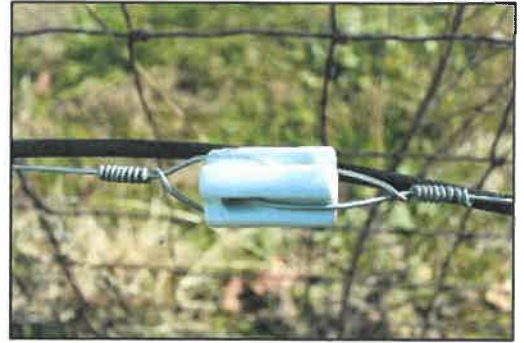
- Installation of energizer and grounding system
- Making good connections
- Tying fence run ends together to enhance conductance
- Installation of underground cables for lead-out and gates

#### Using temporary fencing

- Utilizing an electrical offset for new and existing fencing
- Using reels and temporary posts for subdivisions
- Using a solar charger for temporary fencing
- Repairing breaks in polywire
- Training livestock to electric fencing

#### Troubleshooting Electrical Fences

- Testing grounding systems
- Using cutoff switches to isolate shorts
- Using fault finders to find shorts
- Diagnosing grounding problems
- Finding faulty insulators
- Finding broken lead out wires



## Grasslands Partnership

The Hart County Cooperative Extension Service has been selected among a dozen counties in Kentucky to participate in a USDA funded, multi-state project “Grasslands Partnership”. The goal of this project is to implement and demonstrate “climate smart” practices that improve grasslands management and, in turn, improve farm productivity, profits, and access to future markets that may expect enhanced environmental benefits.

This project is focused on documenting the impact of six grassland management practices on soil carbon storage, input costs, profitability, productivity, and, for some practices, responses of grassland birds and pollinators. Participants are required to install at least three of the designated practices and required to maintain them for a 5-year period. Support will be provided to implement practices.

During the 5-year period, participants will allow researchers access to their farms to collect data on the practices. Participants will also be required to maintain detailed grazing management, fertilizer, herbicide, and seeding records. One or more field days will also be held on each participating farm.

The six grassland management practices included in this program are as follows:

**Perennial Native Grasses-** Participants will establish a minimum of 5 and up to 25 acres of a bluestem seed mix or switchgrass. Proper grazing management practices will be applied.

**Perennial Grass/Forb Buffers-** Participants will establish 60 feet wide buffers (2-10 acres total) around row crop fields to reduce runoff and encourage habitat for birds and pollinators.

**Alternative N Sources-** Participants will interseed and maintain 5-30 acres of legumes on acreage currently in a monoculture of grass. No nitrogen may be applied during the 5-year period. Acres enrolled will include grazing management practices.

**Improved Grazing Management-** Participants will implement improved grazing practices on 10 to 30 acres. Managed grazing practice will be implemented, and grazing will begin when enrolled field reaches 10 inches and livestock will be removed when residue remaining is 4 inches.

**Silvopasture-** Participants will establish 2-10 acres of silvopasture. Silvopasture, a sustainable agroforestry practice, involves the intentional integration of forage, trees, and livestock. Silvopastures offer potential for numerous environmental, economic, and social benefits, including improved soil health, increased biodiversity, enhanced livestock responses, and diversified income streams for farmers.

**Novel Soil Amendments-** Participants will apply biochar or gypsum, to slow soil N transformations and losses from the soil and increase rates of carbon sequestration.



Measurements will be collected on forage productivity and nutritive value, as well as carbon sequestration and the mitigation of greenhouse gases in grasslands.

Of the above-listed six practices, a minimum of three practices must be implemented by the participant. In addition, the participant must have a field that continues to be managed by the farmer as it has in the past. In other words, “business as usual”. Data will be collected from this field to further document improvement made from the practices implemented.

If you would like to know more about the Grasslands Project, contact the Hart County Cooperative Extension Service at (270) 524-2451

*Educational programs of the Cooperative Extension Service serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expressions, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability.*







Cooperative Extension Service

# ALLEY CROPPING ELDERBERRY & CUT FLOWERS *Field Day*

**JUNE 25, 2024**



**GRANDVIEW FARM**

310 Dorsey Lane, Hodgenville, KY 42748  
9-10:30 a.m. EDT

**LARUE COUNTY EXTENSION SERVICE**

807 Old Elizabethtown Road, Hodgenville, KY 42748  
11 a.m. - NOON EDT

»» CONTACT: Kasia Bradley, [kasia.bradley@kysu.edu](mailto:kasia.bradley@kysu.edu)  
LaRue County Extension Service (270) 358-3401



*An Equine Production Technology*



## JUNE CLASSES

Wednesdays

12:30 p.m. ET / 11:30 a.m. CT

**June 5 - What's App?  
UK Ag Weather**

**June 12 - Focus on Foliage**

**June 19 - Growing Pecans  
and Hickory**

**June 26 - Mason Bees**

You must register before the class.

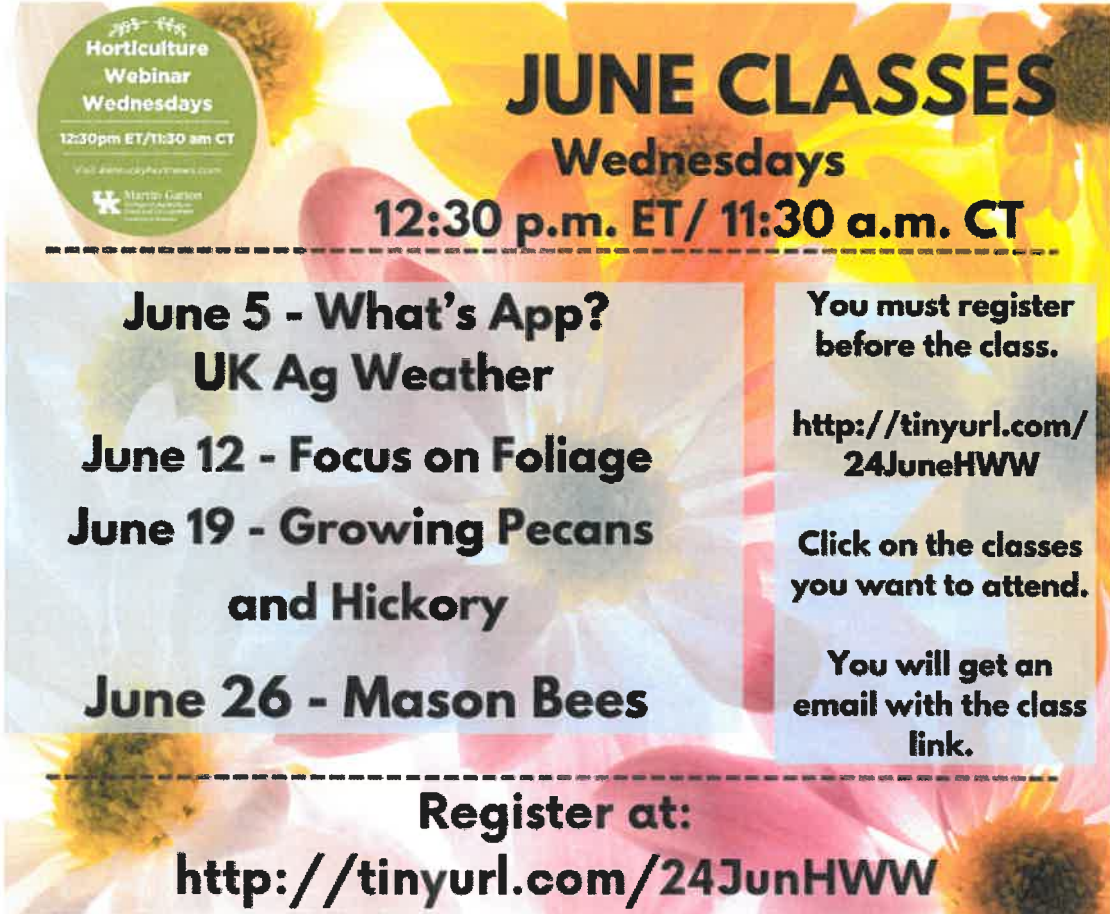
<http://tinyurl.com/24JuneHWW>

Click on the classes you want to attend.

You will get an email with the class link.

Register at:

<http://tinyurl.com/24JunHWW>







# METCALFE COUNTY AG TECH FIELD DAY

Explore drone technology for crop scouting and chemical dispensing. Learn about disaster preparedness and advances in soybean yield optimization. Discover how drones can help farmers save time, reduce costs, and increase yields by efficiently monitoring large areas, identifying pests and diseases early, and removing workers from hazardous chemical exposure. Perfect for farmers and farm techs!

## WORKSHOP WILL INCLUDE :

- ✓ Map clinic
- ✓ Disaster preparedness
- ✓ Chemical application
- ✓ Crop Scouting

**June 27th, 2024**

**10:00am-2:00pm**

**Metcalfe County Farmers Market**

**422 East St, Edmonton, KY,**



 <https://rb.gy/6awjti>



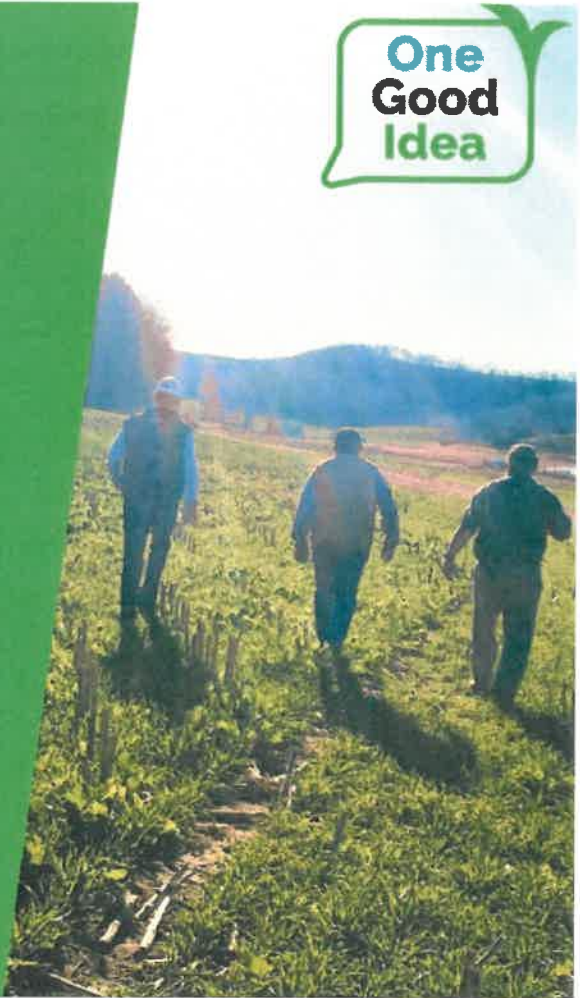
Join us for

# Good Idea Shop Talks

A free meet-up series for row crop and livestock producers to exchange ideas for improving on-farm soil and water resources, while protecting profitability

Thursdays, August 1st, 8th, and 15th, 2024  
at 11:30am CT / 12:30pm ET via Zoom

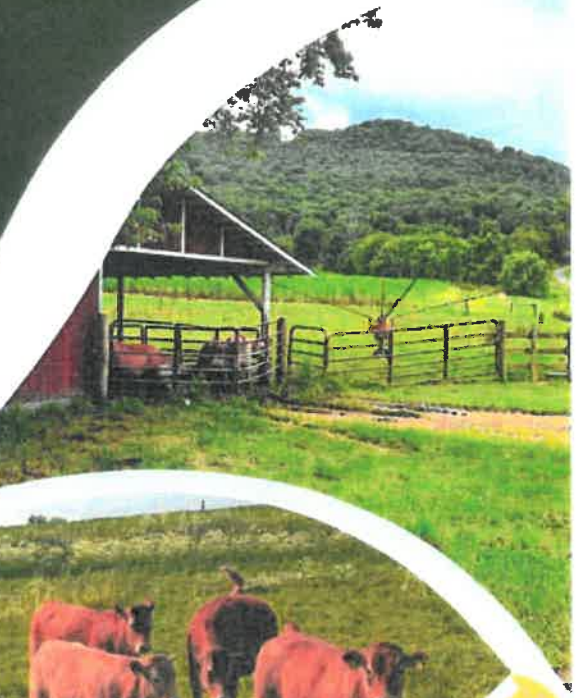
LEARN MORE AND REGISTER:  
[HTTPS://GOODIDEAFARM.ORG/SHOP-TALKS](https://goodideafarm.org/shop-talks)



*June is National Dairy Month!*



# MASTER CATTLEMEN



**10/15/2024 (6-9PM)**

Topic- Reproduction & Record Keeping  
Location- Barren County Extension Office

**10/17/2024 (6-9PM)**

Topic- Nutrition  
Location- Metcalfe County Extension Office

**10/21/2024 (6-9PM)**

Topic- Genetics  
Location- Allen County Extension Office

**10/24/2024 (6-9PM)**

Topic- Animal Health  
Location- Monroe County Extension Office

**10/29/2024 (6-9PM)**

Topic- Marketing & Profitability  
Location- Hart County Extension Office

**11/5/2024 (6-9PM)**

Topic- Facilities & Winter Feeding  
Location- Barren County Extension Office

✓ Meal will be provided at each training.

**You must be able to attend all 6 programs to receive your certification. If for some reason you can not attend a session please let us know in advance to make arrangements.**

**COST: \$150**

✓ Contact your Extension Office to register by August 15, 2024

**Barren County Extension Office**  
1463 West Main St. Glasgow, KY 42141  
270-651-3818

**Metcalfe County Extension Office**  
422 East St. Edmonton, KY 42129  
270-432-3561

**Allen County Extension Office**  
200 E. Main St. Scottsville, KY 42164  
270-237-3146

**Monroe County Extension Office**  
288 Commerce Dr. Tompkinsville, KY 42167  
270-487-5504

**Hart County Extension Office**  
505 A. A. Whitman Lane Munfordville, KY 42765  
270-524-2451



### Sign Up for FSA Office Text Alerts

Stay up to date on program and sign-up opportunities with FSA office text alerts. In addition to email alerts, you can also subscribe to receive text messages on your cell phone from the Hart County USDA Service Center. To subscribe to text message alerts, text KYHart to 372-669. Standard text messaging rates apply, and you can unsubscribe at any time. On average, we will send you no more than two text messages each month.



## Don't Forget Crop Reporting Deadline is July 15th

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Farm Service Agency  
U.S. DEPARTMENT OF AGRICULTURE

# Grassland Conservation Reserve Program

SIGN UP FOR GRASSLAND CRP  
June 3 - June 28



The illustration depicts a vibrant grassland scene. In the foreground, a large brown and white cow is grazing. To its right, another brown cow is visible. In the background, a smaller brown cow is grazing. A yellow and black bird is flying in the sky. A green lizard is perched on a wooden fence post. The sky is blue with white clouds. The text 'USDA Farm Service Agency U.S. DEPARTMENT OF AGRICULTURE' is in the top left. The main title 'Grassland Conservation Reserve Program' is in a large, white, cursive font. Below it, 'SIGN UP FOR GRASSLAND CRP' and 'June 3 - June 28' are written in a smaller, white, sans-serif font.



Kentucky Extension  
Master Gardener

**UK** Cooperative  
Extension Service

# 2024 MASTER GARDENER VOLUNTEER TRAINING PROGRAM




## TOPICS IN THIS TRAINING INCLUDE:

- Basic botany, entomology, and plant pathology.
- Growing better lawns with less effort.
- Understanding how soils affect plant performance.
- Proper care and maintenance of plants.
- Fruit, flower, and vegetable gardening.
- Diagnosing plant problems.

## TO REGISTER OR FOR MORE INFORMATION CONTACT:

BARREN COUNTY EXTENSION OFFICE

 270-651-3818

 1463 WEST MAIN ST.  
GLASGOW, KY 42141

## TRAINING DATES:

10/15/2024

10/17/2024

10/21/2024

10/24/2024

10/29/2024

11/5/2024

 BARREN COUNTY EXTENSION OFFICE

 6:00-9:00PM

 MEAL PROVIDED AT EACH TRAINING

**REGISTRATION DEADLINE:  
AUGUST 15, 2024**

**COST: \$150**

Cooperative  
Extension Service

University and Minor of Research  
Faculty and Cooperative Extension  
4011 South Development  
University and Economic Development

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Education programs of the Cooperative Extension Service are for all people regardless of race or color. We are an equal opportunity organization. We do not discriminate on the basis of race, color, sex, age, marital status, religion, national origin, or disability. Persons with disabilities who need special accommodations should contact the University of Kentucky, Office of Disability Services, 100 University of Kentucky, Room 1000, Lexington, KY 40506-0100. Telephone: 606/257-3200. TDD: 606/257-3200.





# Plastic Layer

## FREE Rental

FROM KENTUCKY STATE  
UNIVERSITY EXTENSION



KYSU is offering a plastic layer system for rent to any small farmer at no charge.

Equipment will need to be picked up and dropped off by the farmer. Farmer will need to supply their own drip tape, plastic, and tractor.

35hp tractor is needed.

Housed at the Logan County  
Extension Office.  
255 John Paul Ave.  
Russellville, Ky 42276

## Benefits of laying plastic!

- ✓ Direct fertilization of crops without fertilizing weeds.
- ✓ Direct irrigation to all crops without runoff.
- ✓ Retained moisture around surface and roots.
- ✓ Improve yields of crops for profitability increase.



Call Us  
270-282-0982



Ag Tech Agent  
[tyler.london@kysu.edu](mailto:tyler.london@kysu.edu)



Small Farms Agent  
[lindsay.heyvaert@kysu.edu](mailto:lindsay.heyvaert@kysu.edu)





KENTUCKY STATE  
UNIVERSITY  
Cooperative Extension Program

# Small Ruminant Parasite ID Assistance

From Kentucky State  
University Extension



KYSU is offering free parasite ID assistance to any small ruminant farmer. This process is easy, hands on, and educational.

The farmer will need to bring in a fresh fecal sample after contacting the office. Upon arrival, the farmer will be shown how to process their sample and will be assisted in identifying the parasitic load their livestock might be holding.

A fecal egg count and a fecal egg float will be conducted so that the farmer can bring the information to their local veterinarian. From there, the veterinarian and officially ID and treat any possible parasite infections.

Office address: 400 E Main Ave, Suite  
202, Bowling Green, KY 42101

## Benefits of fecal testing!

- ✓ Key component of herd health management.
- ✓ Less time at the veterinarians office.
- ✓ Be able to ID undesirable and susceptible livestock
- ✓ Build a stronger herd!




Call Us  
270-282-0982



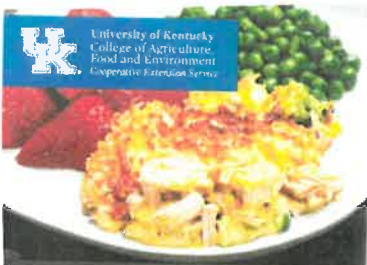
Ag Tech Agent  
tyler.london@kysu.edu



Small Farms Agent  
lindsay.heyvaert@kysu.edu

Cooperative Extension Service 

Hart County Extension  
P.O. Box 367  
Munfordville, KY 42765-0367  
RETURN SERVICE REQUESTED



**Wild Turkey & Broccoli Casserole**

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  This work is supported by the F. Conner Wood and Mark and Education Program from the USDA National Institute of Food and Agriculture.

**Wild Turkey & Broccoli Casserole**

- 2 packages (10 ounces each) frozen broccoli, or 2 bunches fresh broccoli, washed and cut into pieces
- 4 cups cubed, cooked wild turkey meat
- 1 cup light mayonnaise
- 2 cans (10.5 ounces each) low-sodium cream of chicken soup
- 1 teaspoon curry powder or 1 tablespoon prepared mustard
- 1 teaspoon lemon juice
- 1/2 cup grated cheddar cheese
- 1/2 cup panko breadcrumbs
- 1 tablespoon melted butter

To cook turkey breast, preheat oven to 325 degrees F. Add vegetable oil to a roasting pan. Place turkey breast in roasting pan. Season meat lightly with garlic powder and black pepper. Cover with lid or aluminum

foil. Cook at 325 degrees F until internal temperature is 165 degrees, about 1 1/2 to 3 1/2 hours for 4 to 8 pounds of meat. Let meat cool in pan for 15 minutes before cutting into cubes. Steam broccoli until tender. Drain. Grease a 2-quart casserole dish or 9-by-13-inch pan. Place turkey on the bottom, and arrange the broccoli over the turkey. Combine mayonnaise, cream of chicken soup, curry powder or mustard, and lemon juice. Pour over broccoli. Combine cheese, breadcrumbs, and butter. Sprinkle over casserole. Bake at 350 degrees F for 30 minutes.

**Yield:** 8 servings

Adapted from: "Fish & Game Cookbook," Bonnie Scott, 2013.

Nutrition Facts	
8 servings per recipe	
Serving size	(243g)
Amount per serving	
<b>Calories</b>	<b>270</b>
% Daily Value*	
Total Fat 12g	18%
Saturated Fat 3g	15%
Trans Fat 0g	
Cholesterol 65mg	22%
Sodium 660mg	28%
Total Carbohydrate 17g	6%
Dietary Fiber 0g	0%
Total Sugars 2g	
Includes 0g Added Sugars	0%
Protein 23g	
Vitamin D 0mcg	0%
Calcium 66mg	6%
Iron 1mg	6%
Potassium 355mg	8%

\* The % Daily Values (DV) lets you know how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.