

# Ag & Natural Resources Of Cows and Plows

## FRANKLIN COUNTY COOPERATIVE EXTENSION SEPTEMBER 2024 NEWSLETTER



Franklin County  
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Frankfort, KY 40601-8750  
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### IN THIS ISSUE

ALGAE BLOOMS.....	1-2
WHAT'S HAPPENING .....	3
HORSES & HORSEMEN .....	4
AARP DRIVING .....	5
GRAZING SCHOOL .....	6-7
OAK FIELD DAYS .....	8
KCA LEADERSHIP .....	9
HAZARDOUS WASTE DROP OFF .....	9
HARROD .....	10
HAY CONTEST .....	11
BQCA FREE IN SEPTEMBER .....	12
KY BEEF CONFERENCE.....	13
FENCING SCHOOL .....	14-15
FALL ARMYWORM .....	16
LOCAL COST SHARE .....	16
CAIP APPLICATION .....	17
JR. CATTLEMEN .....	18
RECIPE .....	18
FREE SOIL COUPON .....	19
SAVE THE DATES.....	20

### ALGAE BLOOMS

In Kentucky, cyanobacteria, also known as blue-green algae, occur at levels that occasionally cause a recreational advisory. Farmers and landowners usually also notice a bright, colorful scum on ponds and pools in creeks and become concerned.

Algal blooms are accumulated populations of algae in freshwater and marine water environments. They can reduce water quality, so animals might not drink as much as they need to get them through the hot, dry summer if their only water source is streams or ponds. Of the more than 2,000 species of blue-green algae identified, at least 80 are known to produce cyanotoxins (poisons) that can seriously affect animal and human health.

“Although algal blooms can occur at any time of the year, they happen most often in the warmer months of June through September,” said Michelle Arnold, ruminant veterinarian for the University of Kentucky College of Agriculture, Food and Environment. “In freshwater, the majority of harmful algal blooms are caused by cyanobacteria.”

Blue-green algae naturally exist in wet places. They thrive in warm, stagnant, nutrient rich water and are found often in ponds, lakes and slow moving rivers.

*Continue on pg. 2*

*Continued from pg. 1*

While not all algae are harmful, farm ponds contaminated with fertilizer runoff or direct manure and urine are the perfect environment for harmful blue-green algae. When the weather is hot and dry, rapid growth of the algae can result in a “bloom,” or a build-up of algae that creates a green, blue-green, white or brown coloring on the surface of the water. It may look like a floating layer of paint. If it’s windy, the algal blooms may concentrate along the water’s edge, which increases the risk for livestock to ingest the algae when they come down to the pond for a drink.

“Environmental factors such as water temperature, sunlight, water pH and nutrient concentration all affect when toxins will be produced,” Arnold said. “Cyanotoxins can affect the liver and nervous system and have been implicated in illness and human and livestock death in at least 35 states and in more than 50 countries worldwide.”

Animals that consume affected water may die suddenly or suffer from weakness, staggering or photosensitization depending on the toxin and how much they ingested.

A few simple steps can keep livestock, pets and humans safe from algae poisoning. Always assume that a blue-green algal bloom is toxic. Provide clean, fresh water to animals and fence off their access to stagnant, scum-covered ponds.

“Fencing off natural water sources and providing alternative water sources really is your best option,” said Amanda Gumbert, UKAg extension water quality liaison. “Don’t allow your animals to contaminate the water with feces and urine. Prevent fertilizer or manure runoff from entering water sources. Phosphorus is particularly important in fueling cyanobacteria growth.”

If the water source is treated with an algaecide such as copper sulfate, prevent animal access for at least a week to allow degradation of any released toxins in the water. It is best to wait until ponds are no longer stagnant before allowing animals to drink from it.

“Creating and maintaining natural buffers, such as trees and shrubs between farmland, housing developments and waterways can help filter out excess nitrogen and phosphorous before they reach the water,” said Steve Higgins, director of environmental compliance for the UK Agricultural Experiment Station. To protect humans, don’t swim in water with scum layers or blooms and avoid jet skiing, windsurfing, tubing or water skiing over scum or blooms. Don’t use untreated water for drinking, cleaning food or washing camping gear. Boiling water will not remove algal toxins. Thoroughly wash any skin that comes into contact with a bloom. Don’t eat shellfish caught or harvested from a bloom area.

Farmers who notice algal blooms in ponds intended for livestock use should get the water tested. Not all algal blooms produce toxins.

“Many algal blooms in Kentucky are composed of harmless green algae that may look like underwater moss, stringy mats or floating scum,” Gumbert said. “It is impossible to tell just by looking at the pond if it contains blue-green algae.”

The EPA lists <https://www.ecoanalysts.com/harmful-algae-bloom-testing> as the testing lab for Kentucky.

“Unfortunately, testing water for an actual toxin is problematic, because toxins are not uniformly distributed in the water source,” Arnold said. “Testing can be quite expensive and there are many blue-green algae toxins for which no diagnostic tests exist. To be safe, always assume that a blue-green algal bloom has the potential to be toxic.”

For more information, visit the Environmental Protection Agency website <https://www.epa.gov/habs/learn-about-harmful-algae-cyanobacteria-and-cyanotoxins>



Anderson County pond. PHOTO: Jeffrey Lehmkuhler, UKAg beef specialist

# WHAT'S Happening

**FAMILY & CONSUMER SCIENCES**

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

## SPOOKY

CARD MAKING CLASS & BONUS TREAT HOLDER

**OCTOBER 1ST**  
5PM-7PM  
COST IS \$12 PER PERSON.

**BONUS: TREAT HOLDER**

CLASS IS LIMITED TO 15 PEOPLE. ALL SUPPLIES ARE INCLUDED.

**RSVP: 502-695-9035**

101 LAKEVIEW COURT, FRANKFORT KY

Cooperative Extension Service  
Agriculture and Natural Resources  
Franklin County Extension Service  
4111 Youth Development Center  
Frankfort, KY 40601

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT  
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Hospice of the Bluegrass is now **BLUEGRASS care navigators**  
Expert. Connected. Care.



**The Franklin County Extension Office would like to invite you for a Lunch and Learn presentation with Bluegrass Care Navigators.**

September 10, 2024 from 12 – 1pm

Learn about Bluegrass Hospice Care and how we support patients, families and the community on how we can provide extra support at end of life.

**Franklin County Cooperative Extension Service**  
101 Lakeview Court, Frankfort, KY 40601  
Please call to register: 502-695-9035



**BLUEGRASS PACE care**  
A Service of Bluegrass Care Navigators

### LUNCH & LEARN

Wednesday, September 25, 12:00 –1:00 p.m.

**Franklin County Cooperative Extension Service**  
101 Lakeview Court, Frankfort, KY 40601

Join us for a Lunch & Learn session where we'll dive into the Bluegrass PACE Care program! This informative event will explore how PACE provides a complete range of services to older adults, including primary and specialty medical care, rehabilitation, social services, and more. You'll learn how the program supports seniors in maintaining their independence while ensuring they receive the comprehensive care they need.

**Please call to register: 502-695-9035**

# 2024 Horses & Horsemen:

## Farm & Facilities Expo

Thursday, September 5  
at 5:00pm



**RSVP to Woodford County Extension Office: 859-873-4601**

### Schedule:

**5:00:** Registration and Trade Fair

**6:00:** Dinner by Woodford County Cattlemen’s Association

**6:15:** Welcome & Overview

**6:30 or 7:00:**

Arena Footing —Dr. Staci McGill, UK Biosystems & Agricultural Engineering

Hay Feeding Economics—Dr. Bob Coleman, UK Equine Extension Specialist

\*Each of the presentations will be given twice.

### Location:

River Mountain Farm  
190 River Mountain Lane  
Versailles, KY  
40383



College of Agriculture,  
Food and Environment  
Cooperative Extension Service



**Martin-Gatton**  
College of Agriculture,  
Food and Environment  
Ag Equine Programs

Cooperative  
Extension Service  
Agriculture and Natural Resources  
Family and Consumer Sciences  
4-H Youth Development  
Community and Economic Development

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University of Kentucky, Kentucky State University, U.S. Department of Agriculture and Kentucky Counties, Cooperating  
Lexington, KY 40506



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**Take the AARP Smart Driver™ classroom course and you could save money on your auto insurance!\***

- » Learn techniques for handling left turns, right-of-way and roundabouts.
- » Understand how to reduce traffic violations, crashes and the risk of injury.
- » Discover proven driving methods to help keep you and your loved ones safe on the road.

<b>THERE'S A CLASSROOM COURSE IN YOUR NEIGHBORHOOD!</b>	
<p><b>Date &amp; Time:</b>                  Saturday, October 19, 2024                  9:00AM - 1PM</p> <p>A light lunch will be provided.</p> <p><b>Location:</b>                  Franklin County Cooperative Extension                  101 Lakeview Court                  Frankfort, KY 40601</p>	<p><b>Register Now:</b>                  SPACE IS LIMITED!                  CALL 502-695-9035 TO REGISTER TODAY!</p>
<b>CLASSROOM COURSE</b>	<b>FOR MORE INFORMATION</b>
<p><b>\$20</b> for AARP members  <b>\$25</b> for non-members</p>	<p>Call: 1-888-773-7160                  Visit: <a href="http://www.aarp.org/driving36">www.aarp.org/driving36</a></p>

\*Upon completion you may be eligible to receive an auto insurance discount. Other restrictions may apply. Consult your agent for details.

# 2024 Kentucky Intermediate Grazing School

*Helping livestock producers improve profitability with classroom and hands-on learning*

**When:** September 25-26, 2024

**Where:** Woodford County Extension Office  
184 Beasley Drive, Versailles, KY 40383

**Cost:** \$60/Participant – includes all materials, grazing manual, grazing stick, morning refreshments, and lunch both days

**Program Registration:** DEADLINE is September 20, 2024

**Online Registration with CREDIT CARD AT:**  
<https://2024FallGrazingSchool.eventbrite.com>

**Registration by U.S. Mail with CHECK:**

Caroline Roper  
UK Research and Education Center  
PO Box 469, Princeton, KY 42445



Name: \_\_\_\_\_

Street: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Email: \_\_\_\_\_



Number of participants \_\_\_\_\_ x \$60 per participant = \_\_\_\_\_ Total Amount

**Please make checks payable to KFGC**



# 2024 Kentucky Intermediate Grazing School

Helping livestock producers improve profitability with classroom and hands-on learning

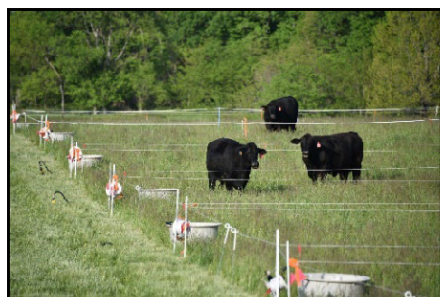
*Emphasis on ruminants - beef, dairy, sheep, & goats*

**Wednesday, September 25, 2024**

**Thursday September 26, 2024**

**\*\*\*MEET AT WOODFORD COUNTY EXTENSION OFFICE EACH MORNING\*\*\***

- |   |   |
|---|---|
| 7:30 Registration and refreshments  | 7:30 Refreshments   |
| 8:00 Introduction of staff and participants   | 8:45 Understanding and managing nutrient cycles in grasslands-Dr. John Grove, UK        |
| 8:15 Grazing math and small group planning for field exercise-Dr. Katie VanValin, UK      | 9:30 Managing shade in grazing systems-Dr. Katie VanValin, UK                           |
| 9:00 Break & travel to field demonstration area   | 9:30 Break  |
| 9:30 Getting comfortable with electric fencing-Jeremy McGill                              | 10:00 Drought proofing your grazing system-Dr. Chris Teutsch, UK                        |
| 10:00 Portable water system setup-Dr. Jeff Lehmkuhler, UK                                 | 10:30 Utilizing the Graze Model for planning-Dr. Jimmy Henning, UK and Adam Jones, NRCS |
| 10:30 Methods to assess forage availability-Dr. Ray Smith, UK                             | 11:15 How I made grazing work on the farm-Todd Clark, Clark Family Farm                 |
| 11:00 Hands-on: setting up small paddocks for grazing demonstrations-All Instructors      | 12:00 Lunch (Woodford County Cattlemen)   |
| 12:00 Return to Woodford County Extension Office  | 12:45 Optimizing the use of existing forage resources-Dr. Chris Teutsch, UK             |
| 12:30 Lunch (Woodford County Cattlemen)   | 1:15 Travel to field demonstration area   |
| 1:00 Hands on plant ID-Dr. Ray Smith, UK  | 1:45 Field exercise: observe grazed paddocks and hear reports from each group           |
| 1:30 Options for getting water to livestock-Dr. Jeff Lehmkuhler and Dr. Chris Teutsch, UK | 3:00 Frost seeding clover-Brittany Hendrix and Dr. Chris Teutsch, UK                    |
| 2:30 Managing tall fescue in grazing systems-Dr. Jimmy Henning                            | 3:45 Annuals for extending grazing-Dr. Ray Smith, UK                                    |
| 3:15 Exploring plant root systems-Dr. Ray Smith and Dr. Chris Teutsch                     | 4:45 Final comments, diplomas, and adjourn  |
| 4:00 Discussion   |   |
| 4:30 Adjourn  |   |



**Cooperative Extension Service**  
Agriculture and Natural Resources  
Family and Consumer Sciences  
4-H Youth Development  
Community and Economic Development

Educational programs of Kentucky Cooperative Extension 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 expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.  
LEXINGTON, KY 40546



Disabilities  
accommodated  
with prior notification.

# OAK Field Days

## Exploring the Ecosystems of Community and Conservation

**Seedleaf's Headwater Farm, Lexington KY (Fayette) -- September 12, 2024 -- 9 am - 12 pm ET**



Farms come in all shapes and sizes and involve one farmer or a team of farmers - and sometimes, they're managed in community. Along the headwaters of the Elkhorn Creek in Northeastern Fayette County, Headwater Farm is growing its work to cultivate nutrient-dense produce for community partners and support small local agribusinesses in Lexington. On this 30-acre parcel of leased land, Lexington nonprofit Seedleaf provides acreage to small-scale growers, cultivates culturally significant seeds for organic markets and offers community education on organic agriculture and agroforestry.

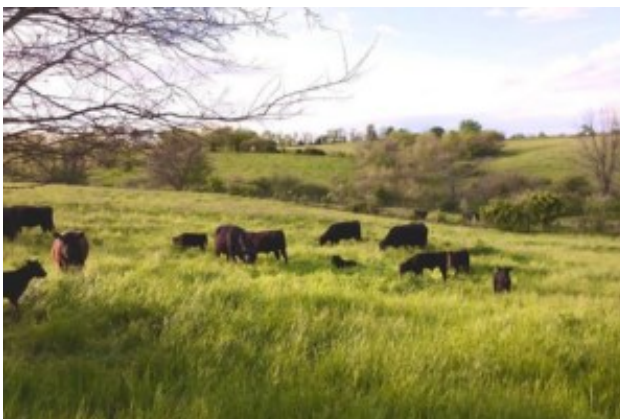
Join this OAK Farmer Field Day to learn about Headwater Farm's integration of whole-farm planning and management built on an ethic of community engagement, land stewardship and a long-term

vision. Hear from Headwater Farm's multiple market and subsistence growers using different small-scale production systems on individual plots while maintaining the integrity of the whole farm's transition to organic certification. Learn more about Headwater's collaboration with USDA's Natural Resources Conservation Service (NRCS) in adopting conservation practices that protect the natural resources of Headwater Farm and its local ecosystems - and how OAK and NRCS can help any Kentucky farm to do the same.

Thanks to a cooperative agreement with the U.S. Department of Agriculture (USDA)'s Natural Resources Conservation Service (NRCS), registration fees are waived for this event. Registration is required at <https://www.oak-ky.org/field-days>

## From the Soil Up - Rotational Grazing and Pasture Improvement

**Valley Spirit Farm, Campbellsburg KY (Henry) -- September 23, 2024 -- 9 am - 12 pm ET**



At Valley Spirit Farm in Henry County, Joseph Monroe manages his beef cattle using adaptive grazing principles, providing the herd with high-quality forage and building vitally important organic matter. Nurturing a diverse warm and cool season forage and eliminating over-grazing encourages root development, supports the soil's biological activity and water cycling, and provides a full-circle system of pasture growth and regeneration. Although the reality of frequently rotating the herd can be intensive, Joseph has continually refined his system with movable electric fencing, water and mineral access, and improved forage varieties through ongoing experimentation and observation.

Join this Farmer Field Day to visit Valley Spirit's 100+ acres of pasture and closed-herd grass-fed cattle and explore the managed

grazing, reduced inputs, grazed cover crops, and ongoing land stewardship of waterways, pollinator species and native grasslands. As a Kentucky farm enrolled in OAK's USDA-supported Climate-Smart Project, Valley Spirit Farm has committed to implementing climate-smart practices and assessing whole-farm sustainability. Learn more about OAK's project at <https://www.oak-ky.org/climate-smart-project>. Support for this project comes from the U.S. Department of Agriculture's Partnership for Climate Smart Commodities under agreement number NR233A750004G092.

Registration is required at <https://www.oak-ky.org/field-days>



# KCA Leadership



Initiated in 1992, the Kentucky Cattlemen's Association Leadership Program has over 200 graduates. Throughout the two-year program, participants take part in six seminars that work to improve leadership and communications skills, provide an understanding of the beef industry, and excite interest in the political and economic facets of the industry. This year, the Leadership Development Program will welcome it's 10th class. The program is structured for 25 participants, 22 years or older, from all areas of Kentucky. Franklin County has two residents participating in this program. Crystal Harrod and Chelsea Smither.

**Crystal Harrod** was raised on her family's farm, which is where her love for agriculture began. Crystal is incredibly involved within her local agriculture community. Her goal is to further her education of the beef industry so that she can better serve the local farmers of Franklin County, as well as provide knowledge to the Junior Cattlemen.

Prior to her tenure at the Franklin County Conservation District, she dedicated 26 years to Kentucky Housing Corporation before retiring.

Her community engagement extends beyond the workplace. In 2023, her daughter and she initiated the Franklin County Junior Cattlemen Association, aiming to instill a love for agriculture in our younger generation. Their focus lies in education, hands-on experiences, and nurturing the leaders of tomorrow. As a member of the Franklin County Cattlemen's Association, she serves as secretary on the board and administer the CAIP Program.

Her roots run deep in Franklin County, where she has lived her entire life. For 31 years, she has been alongside her husband Mark, and together they have one daughter, Ally, who is 25, along with their two dogs.

During her downtime, you will often find her passionately cheering on the Kentucky Wildcats and accompanying the football team on their travels. She also enjoys embroidering belts, immersing herself in a good book, exploring new destinations, soaking up the sun by the pool and most importantly, spending time with her family.



Next month we will show case Chelsea Smither!



## SAVE THE DATE:

### HOUSEHOLD HAZARDOUS WASTE DROP OFF

10/19/24  
309 ROUSE AVE  
8-12




# Jeff Harrod Franklin County's 2024 Outstanding Cooperator of the Year Runner Up

Jeff Harrod chosen as Franklin County's 2024 Master Conservationist and Kentucky Association of Conservation Districts (KACD) Outstanding Cooperator of the Year Runner Up.



Mr. Harrod is currently a member of and serving on several state, local and national boards which include: director on the Kentucky Farm Bureau Beef Expo Board; is currently serving as Area 11 Director for the American International Charolais Association; is a current member of the Franklin County Cattlemen's Association as well as past president of the Franklin County Cattlemen's Association.

Mr. Harrod has also served in the past as: Young Farmer representative on the Production Credit Board; served on the first Ag Development Board in Franklin County as the young farmer representative; served on the Southern States Co-Op Board; served as past president of the Ky Charolais Association and also as a board member.

Mr. Harrod runs approximately 60-65 head of beef cows in his cow/calf operation on his 108 acre farm in Franklin County. Previously, he had areas of erosion on the farm due to heavy cattle traffic and animal waste build-up. Mr. Harrod contacted the USDA Natural Resources Conservation Service and the Franklin Co.

Conservation District for assistance in developing a conservation plan on how to address these issues. NRCS worked with Mr. Harrod to apply for financial assistance through the Kentucky State Cost Share Program for which he was approved. NRCS employees developed a plan that included installing an animal waste facility to hold the manure until which time it is environmentally safe to spread on the land. The structure, known as a "Bo Renfro structure" was installed and consisted of a 36' x 50' concrete pad with a 8.5' x 30' hay manger to facilitate feeding cattle. Being able to scrape and store the manure with this structure allows for Mr. Harrod to spread the manure on his pasture and hayland at a time when it will not cause runoff and pollute surface or subsurface water. In addition to that, he will be able to apply the nutrients at a time when crop uptake is optimal, thus leading to better forage quality and quantity.

Mr. Harrod has been very hospitable in opening his farm for field days and meeting locations. In 2023, he hosted the 2023 Franklin County Farm City Field Day which was attended by over 200 individuals. In 2022, the Franklin County Cattlemen's Annual Meeting was held there and attended by over 150 individuals. He also enjoyed hosting the Charolais Association State Meeting at the farm.

Mr. Harrod has made a concerted effort to address resource concerns on this farm with both technical and financial assistance over the years from the Conservation District, the USDA-NRCS as well as the UK Cooperative Extension Service. He has taken advantage of conservation programs to help install the practices needed to rectify the issues but should also be applauded for doing practices on his own for the betterment of the land. Mr. Harrod is very conscientious of protecting the land and water resources he has for not only his family now, but for generations to come.

# 2024 CENTRAL KENTUCKY HAY CONTEST

## TEST YOUR HAY!

Testing provides nutritional value of hay to assist in balancing rations, and can result in reduced feed cost, increased animal performance, and information to improve forage stands.

Free analysis to determine hay quality and livestock needs.

Call the Franklin County Extension Office to sign up.  
502-695-9035



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Disabilities accommodated with prior notification.

# FREE BQCA Certifications in September 2024



176 Pasadena Drive  
Lexington KY 40503  
kbn@kycattle.org

Lexington, KY  
8/16/2024

## University of Kentucky Extension and Kentucky Beef Network offer Free BQCA Certifications in September

The Kentucky Beef Network and University of Kentucky Extension are pleased to announce that they will be offering free Beef Quality and Care Assurance (BQCA) certifications in September 2024.

The Kentucky BQCA program takes national BQA practices one step further to provide a holistic program for Kentucky producers, by adding cattle handling and animal care components to the training modules. Educational modules provide the best management practices for handling cattle and providing for their well-being, in addition to training on the core principles of BQA.

The cost of BQCA enrollment is \$5 for in person training through their local county extension office and \$10 for online training, however from September 1-30, 2024 the Kentucky Beef Network and University of Kentucky Extension will be sponsoring the enrollment costs, making it free for producers.

Producers interested in taking advantage of this opportunity can visit [www.kybeefnetwork.com](http://www.kybeefnetwork.com) to access the online training platform or contact their county extension office for training opportunities. "We are very excited for this partnership for our Kentucky cattlemen to continue to tell their story to consumers through sound management practices," says Kevin Laurent University of Kentucky Co-BQCA Coordinator.

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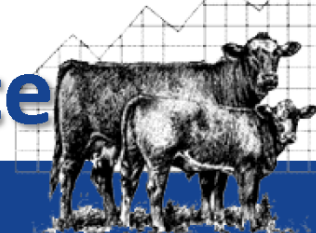
The Kentucky Beef Network and University of Kentucky merged their Cattle Handling and Care Program with the National BQA program to create a new program, aptly named the Beef Quality and Care Assurance (BQCA) program. This program was implemented to raise awareness of practices that ensure the proper handling and welfare of cattle while keeping farmers safe and continuing to supply healthy beef to consumers. In turn, this program enables beef and dairy producers to enhance their product, maximize marketability and strengthen consumer confidence.



University of Kentucky  
College of Agriculture,  
Food and Environment  
Cooperative Extension Service

*"Today's Challenges, Tomorrow's Opportunities"*

# Kentucky Beef Conference



**October 24, 2024**

Fayette County Extension Office  
1140 Harry Sykes Way  
Lexington, Kentucky 40504

**9:00—10:00**

Registration, visit  
sponsors

\$10 registration fee

**RSVP by October 22nd  
to Fayette County  
Extension Office  
859.254.3967**

**10:00—Welcome & Sponsor Recognition**

Beau Neal, Woodford County Agriculture &  
Natural Resources Extension Agent

**University of KY Remarks & Welcome**

Dr. Laura Stephenson, UK Director of Extension

**Genomics Technology**

Dr. Troy Rowan, University of Tennessee  
Institute of Agriculture Beef Genetics  
Extension Specialist

**11:00— Marketing Update & Outlook**

Dr. Kenny Burdine, UK Beef Economic  
Extension Specialist

**12:00 Lunch**

**1:00— Animal Tagging Update**

Dr. Michelle Arnold, UK Extension Ruminant  
Veterinarian

**1:30— KY Beef Cattle Health Update**

Dr. Steve Velasco, KY Department of  
Agriculture State Veterinarian

**2:00—Adjourn**

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4-H Youth Development  
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Disabilities  
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# 2024 Kentucky Fencing School Agenda



Scan to register!!!

- 7:30** Registration and Refreshments
- 8:15** Welcome and Overview of the Day – *Chris Teutsch, UK*
- 8:30** Fencing Types and Costs – *Chris Teutsch, UK*
- 9:00** Fence Construction Basics – *Eric Miller and Payton Rushing, Stay-Tuff*
- Perimeter fences vs. cross fences
  - Fencing options on rented farms
  - Proper brace construction
  - Line posts and fence construction
- 9:45** Break – visit with sponsors and presenters
- 10:15** Electric Fencing Basics - *Jeremy McGill, UK Extension*
- Proper energizer selection and grounding
  - Proper high tensile fence construction and wire insulation
  - Electric offset wires for non-electric fences
  - Underground wires and jumper wires
- 11:00** Innovations in Fencing Technologies - *Josh Jackson, UK*
- Wireless fences, fence monitoring, fence mapping
- 11:30** Overview of Kentucky Fence Law - *Clint Quarles, KDA*
- 12:15** Catered Lunch - visit with sponsors and presenters
- 1:00** Hands-on Fence Building
- Safety, fence layout, and post driving demo - *Jody Watson and Tucker LaForce, ACI*
  - H-brace construction - *Jeremy McGill, UK Extension & Eric Miller and Payton Rushing, Stay-Tuff*
  - Knot tying, splices, and insulator installation - *Jeremy McGill, UK Extension & Eric Miller and Payton Rushing, Stay-Tuff*
  - Installation of Stay-Tuff Fixed Knot Fence - *Eric Miller and Payton Rushing, Stay-Tuff*
  - Installation of High Tensile Fencing - *Jeremy McGill, UK Extension*
- 4:30** Questions, Survey and Wrap-up



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accommodated  
with prior notification.

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

*This program is designed for producers and agricultural professionals to learn the newest fencing methods and sound fencing construction through a combination of classroom and hands-on learning*

**WHAT:** Participants will learn how to install fixed knot woven wire and electrified smooth high tensile fencing

**WHEN:** November 14, 2024

**WHERE:** GREENACRES Lewis Township  
7597 OH-505  
Felicity, OH 45120



**COST:** \$35/participant -- includes notebook, refreshments, safety glasses, hearing protection, and catered lunch

**Registration DEADLINE:** 2 weeks prior to workshop

**ONLINE Registration with Credit Card:**

<https://2024FallFencingSchool.eventbrite.com>



\*\*\*\*\*

**Registration by U.S. Mail:** Caroline Roper  
UK Research and Education Center  
P.O. Box 469  
Princeton, KY 42445



Name: \_\_\_\_\_

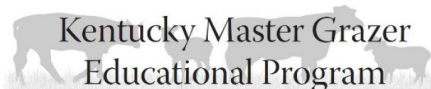
Street: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_

Email: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Number of participants \_\_\_\_\_ x \$35 per participant = \_\_\_\_\_ **Total Cost**

**Make CHECKS payable to: KFGC**



**2024 Kentucky Fencing School**

For more information contact Caroline Roper at 270-704-2254 or [Caroline.Roper@uky.edu](mailto:Caroline.Roper@uky.edu)

## Fall Armyworm

We are getting increasing numbers of fall armyworm reports from a number of locations. Producers should scout their fields and pastures and treat if numbers exceed a threshold of 2 to 4 larvae (caterpillars) per square foot on average. While we don't anticipate the severe infestation we had a couple of years ago, some areas of KY may experience damaging levels of fall armyworm. We will report more in the Sept issue of Forage News, but wanted to make sure you had a heads up in case numbers are increasing on your farm.

If you haven't registered already, considering attending one or more of the following events:

Sept 25-26 – KY Intermediate Grazing School

Oct. 15 – KY Pasture Ecology Workshop

Oct 15-16 – Heart of America Grazing Workshop

Oct 17 – Pasture Walk at Greg Brann's

More information and a registration link can be found under events at the UK Forage Website:

<https://forages.ca.uky.edu/>



**July 1, 2024 to June 1st, 2025**

*Contact the office at 502-352-2701 for more information*



## MONEY FOR FARM IMPROVEMENTS

# KADF

KENTUCKY AGRICULTURAL DEVELOPMENT FUND

### Eligible Investment Areas:

*Agricultural Diversification  
AgTech & Leadership Development  
Large Animal - Small Animal  
Farm Infrastructure  
Fencing & On-Farm Water  
Forage & Grain Improvement  
Innovative Ag. Systems  
On-Farm Energy  
Poultry & Other Fowl  
Value Added & Marketing*

### Administered by

Franklin Co. Cattlemen's Assoc.  
101 Lakeview Court  
Frankfort, KY 40601

<https://www.facebook.com/FranklinCountyKYCooperativeExtension>

## COUNTY AGRICULTURAL INVESTMENT PROGRAM (CAIP)

Applications are available for Franklin County's CAIP to assist farmers in making important farm investments.

### Application Period:

**August 30 through September 20, 2024**

*No applications will be accepted before August 30th or after 4:00 pm on September 20th*

### Application Availability:

Franklin County Extension Office  
Monday – Friday (8:00 a.m. – 4:00 p.m.) or online

### For More Information:

Contact Crystal Harrod at (502) 330-5084 or email [crystal.harrod@yahoo.com](mailto:crystal.harrod@yahoo.com)

*All applications are scored, based on the scoring criteria set by the Kentucky Agricultural Development Board.*

## Tire Amnesty

The Waste Tire Collection Program, established in 1998, is part of the Energy and Environment Cabinet's (EEC) ongoing effort to rid Kentucky's landscape of waste tires.

During a waste tire collection event, individuals can drop off their unwanted tires at a specific location within their county at no cost. The EEC contracts for the removal and delivery of the recovered tires to "beneficial end use" markets where they are recycled to become products such as tire-derived fuel or crumb rubber. Multiple-county programs are included under each contract to achieve an economy of scale necessary to attract large, well-capitalized contractors.

The program is supported by the Waste Tire Trust Fund, which is funded when tire retailers collect a \$2 fee on all new replacement motor vehicle tires sold. Retailers may retain five cents to offset administrative costs, but the balance is required to go in the Waste Tire Trust Fund, which is dedicated to managing scrap tires and developing sustainable markets for recycled tire products.

To date, tire amnesty is responsible for the proper disposal of more than 19 million waste tires. The state has also developed an important end-use market with [Owensboro Municipal Utilities](#) to burn waste tires as fuel in its operation.

**DROP OFF DATES:** October 17-19, 2024

**DROP OFF LOCATION:** State Department of Highways Garage  
1900 US 127 South (SW corner of US127 & I-64)

**CONTACTS:** Mike Dees 502 564-6998  
Ally Hall 502 875-8751, [ally.hall@franklincounty.ky.gov](mailto:ally.hall@franklincounty.ky.gov)

# Jr. Cattlemen's Corner

Over the next few Of Cows and Plows issues, we will be introducing our Jr. Cattlemen's Executive Board. We are excited these youth have taken on these leadership roles in our community!



Meet our president, Christian Roberts. Christian is the 17 year son of Tommy and Rebecca Roberts and grandson of Church and Eloise Quarles and Lynda Roberts and the late Tom Roberts. Christian is a senior at Franklin County High School where he is active in FFA and a member of the cross country team. He is also very active in the Franklin County 4H. Christian is an active member of Swallowfield Church of Christ, founder of B&C Odd Jobs, works at Wilson's Nurseries, an animal lover and passionate gardener. In his spare time you can find him volunteering at LifeHouse for Animals.

RECIPE



## Sweet and Spicy Brussels Sprouts

- |  |  |  |
|--|--|--|
| <b>1 pound</b> (2 cups) Brussels sprouts | <b>1 teaspoon</b> fresh cracked black pepper | <b>Drizzle:</b><br><b>½ teaspoon</b> hot sauce |
| <b>1 tablespoon</b> olive oil            | <b>1 teaspoon</b> red pepper flakes          | <b>1 tablespoon</b> honey                      |
| <b>½ teaspoon</b> sea salt               |  |  |
| <b>1 teaspoon</b> garlic powder          |  |  |

**Preheat** oven to 400 degrees F. **Wash** Brussels sprouts, **remove** outer leaves and **cut** each sprout in half. **Mix** olive oil, sea salt, garlic powder, black pepper and red pepper flakes in a medium sized bowl. **Add** Brussels sprouts to the mixture and **stir** to coat evenly. **Mix** the hot sauce and honey in a small bowl and set aside. **Place** Brussels sprouts on a greased baking

sheet. **Bake** 30 minutes or until tender. **Drizzle** hot sauce mixture over top of cooked Brussels sprouts.

**Yield:** 4, ½ cup servings

**Nutritional Analysis:** 70 calories, 3.5 g fat, 0.5 g saturated fat, 0 g trans fat, 0 mg cholesterol, 320 mg sodium, 9 g carbohydrate, 2 g fiber, 5 g sugars, 2 g protein.



# FREE SOIL SAMPLE COUPON



Franklin County  
101 Lakeview Court  
Frankfort, KY 40601-8750  
502-695-9035  
franklin.ca.uky.edu

During the month of October, we are offering FREE soil testing. By testing in the Fall, you will be ready to plant in the Spring. Eliminate those long waits to get your results.

Test NOW!

Compliments of the Franklin County Cooperative Extension Service.  
Bring this coupon in with your soil sample(s) and receive FREE BASIC SOIL TESTING.

Redeemable only at the FRANKLIN COUNTY COOPERATIVE EXTENSION SERVICE located at 101 Lakeview Court, Frankfort KY. (502) 695-9035 <https://franklin.ca.uky.edu>

For information on how to take a soil sample:  
[www.ca.uky.edu/agc/pubs/agr/agr16/agr16.pdf](http://www.ca.uky.edu/agc/pubs/agr/agr16/agr16.pdf)

**LIMIT 5 (FIVE) FREE SAMPLES PER ADDRESS  
NO COMMERCIAL SAMPLES WITH THIS OFFER**

NAME \_\_\_\_\_

PHONE \_\_\_\_\_

Form A or H

Sample #1 \_\_\_\_\_

Sample #2 \_\_\_\_\_

Sample #3 \_\_\_\_\_

Sample #4 \_\_\_\_\_

Sample #5 \_\_\_\_\_

**Adam Leonberger  
County Extension Agent for  
Horticulture**

**Keenan Bishop  
County Extension Agent for  
Agriculture and Natural Resources**

Staff \_\_\_\_\_ Date: \_\_\_\_\_

Be sure to follow our Facebook page  
for all the up-to-date  
information and articles.  
@FranklinCountyKyCooperativeExtension



## SAVE THE DATES:

- |                 |  |
|-----------------|--|
| September 5     | Horses and Horsemen Farm & Facilities Expo       |
| September 12    | OAK Field Day—Ecosystems                         |
| September 19    | Third Thursday Thing—PawPaw                      |
| September 20    | CAIP Deadline—4:00 PM                            |
| September 23    | OAK Field Day—Grazing and Pasture Improvement    |
| September 25-26 | Intermediate Grazing School                      |
| October 10      | FCCA Annual Meeting—Triple H Farm                |
| October 17-19   | Waste Tire Amnesty<br>Metal Recycling            |
| October 19      | Household Hazardous Waste                        |
| October 24      | KY Beef Conference<br>Farm to Fork—Lakeview Park |
| November 14     | KY Fencing School                                |



Keenan Bishop, County Extension Agent  
for Agriculture and Natural Resources  
Education



### Cooperative Extension Service

Agriculture and Natural Resources  
Family and Consumer Sciences  
4-H Youth Development  
Community and Economic Development

### MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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Lexington, KY 40506



Disabilities  
accommodated  
with prior notification.