

# Have You Herd?



KENTUCKY  COOPERATIVE EXTENSION 

UK MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT  
KSU COLLEGE OF AGRICULTURE, COMMUNITY AND THE SCIENCES

Owen County Extension Office  
265 Ellis Road  
Owenton, KY 40359

Fall 2024 Issue

Agriculture & Natural Resources Newsletter



Kendal Bowman

 Cooperative Extension Service

Owen County Extension District Board will meet on Tuesday, October 15th at 5:00 PM at the Owen County Cooperative Extension Office.

All Extension District Board meetings are open to the public.

County Extension Council Board will be held on Thursday, October 17th at 6:30 PM at the Owen County Cooperative Extension Office.

Please RSVP (502) 484-5703  
All meetings are open to the public.

As we transition into the final months of the year, I want to remind everyone that the deadline for submitting your CAIP (County Agriculture Investment Program) Cost Share paperwork is **Wednesday, December 11th at 4 PM.**

A key requirement for the CAIP program is that you must complete an educational class. In this newsletter, you will find a range of opportunities to meet this requirement. Make sure to keep an eye out for the special stamp indicating which programs count towards your CAIP educational requirement. Please RSVP to programs as we may cancel if the numbers are low.

It's important to note that several of these educational opportunities will require prior approval to count towards your CAIP. If you have any questions about which programs are eligible or how to obtain the necessary approvals, please don't hesitate to reach out by email or calling the office.

This newsletter is filled with valuable information, from upcoming workshops to important deadlines and resources.

Whether you are interested in improving your livestock management practices, exploring new crop varieties, or enhancing your farming techniques, we have something for everyone.

Thank you for your continued support and involvement. I hope you find this newsletter informative and helpful as you plan for the months ahead. Let's make the most of the opportunities before us, and don't forget to mark your calendars for the **CAIP Cost Share paperwork deadline on Wednesday, December 11th!**

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

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, physical or mental disability or reprisal or retaliation for prior civil rights activity. Reasonable accommodation of disability may be available with prior notice. Program information may be made available in languages other than English. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.

Lexington, KY 40506



Disabilities accommodated with prior notification.

# Carbon Markets



**October 16th**  
**8:30 AM**



United Producers, Inc.  
86 Bramblett Road  
Owenton, KY 40359

Call Owen County Extension Office  
(502) 484-5703 to REGISTER!

**FENCE & AG LAW**

**OCTOBER 22ND**  
**6:30 PM**

United Producers, Inc.  
86 Bramblett Road  
Owenton, KY 40359

Call Owen County Extension Office  
(502) 484-5703 to REGISTER!

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

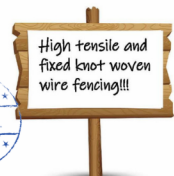
Name: \_\_\_\_\_

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

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

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

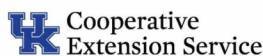
Number of participants \_\_\_\_\_ x \$35 per participant = \_\_\_\_\_ **Total Cost**



**2024 Kentucky Fencing School**

Make CHECKS payable to: **KFGC**

Kentucky Master Grazer Educational Program



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

## 2024 Kentucky Fencing School Agenda

- 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



Scan to register!!!



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

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LEXINGTON, KY 40546



## 2024 HEART OF AMERICA GRAZING CONFERENCE

Regenerative grazing... Merging science and practice

Tuesday, October 15, 2024

Pasture Ecology Workshop with Matt Poore, North Carolina State University  
9:00 a.m. - 5:00 p.m. ET  
Glenmar Farms, 16943 St. John Road, Cecelia, KY 42724

Heart of America Banquet

6:00 p.m. - 8:00 p.m. ET  
Hardin County Extension Office, 111 Opportunity Way, Elizabethtown, KY  
Capturing the Beauty of Forages with Dr. Jimmy Henning

Wednesday, October 16, 2024

Heart of America Grazing Conference  
7:00 a.m. - 3:00 p.m. ET  
Hardin County Extension Office, 111 Opportunity Way, Elizabethtown, KY

- Healing the Land with Grazing  
Ray Archuleta, Raythesoilguy LLC
- Soil Health: Separating Fact from Fiction  
Alan Franzluebbers, USDA Ag Research Service
- Bale Grazing for Biological Fertility and Soil Health  
Greg Halich, University of Kentucky
- My Regenerative Journey  
Sam Kennedy, Kettle Mills Livestock Co.
- Build It and They Will Come... Managing for Soil Life  
Chris Teutsch, University of Kentucky
- Putting it All Together... A Call to Action  
Matt Poore, North Carolina State University

Thursday, October 17, 2024

Pasture Walk at Greg Brann's Big Springs Farm  
10:00 a.m. - 4:00 p.m. CT  
683 Blankenship Rd, Adolphus, KY 42120

Tickets can be found at <https://2024HeartofAmerica.eventbrite.com>

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7:00 a.m. - 3:00 p.m. ET  
Hardin County Extension Office  
111 Opportunity Way, Elizabethtown, KY

Tickets can be found at <https://2024HeartofAmerica.eventbrite.com>

Educational seminars include:

- Healing the Land with Grazing
  - Ray Archuleta, Raythesoilguy LLC
- Soil Health: Separating Fact from Fiction
  - Alan Franzluebbers, USDA Ag Research Service
- Bale Grazing for Biological Fertility and Healthier Pastures
  - Greg Halich, University of Kentucky
- My Regenerative Journey
  - Sam Kennedy, Kettle Mills Livestock, Hampshire, TN
- Kentucky Forage and Grassland Council Update
- Build It and They Will Come... Managing for Soil Life
  - Chris Teutsch, University of Kentucky
- Putting it All Together... A Call to Action
  - Matt Poore, North Carolina State University



This event is part of the larger Heart of America Grazing Conference  
Tickets can be found at <https://2024HeartofAmerica.eventbrite.com>

If registering by mail, please send checks payable to KFGC to: Caroline Roper, UKREC, PO Box 469, Princeton, KY 42445

Pasture Ecology	\$100 x ___ = ___	Name:	_____
Banquet	\$50 x ___ = ___	Address:	_____
Grazing Conference	\$75 x ___ = ___	Phone:	_____
Pasture Walk	\$45 x ___ = ___	Email:	_____
Total:	_____		

If registering by mail, please send checks payable to KFGC to: Caroline Roper, UKREC, PO Box 469, Princeton, KY 42445

Heart of America Grazing Conference	\$75 x ___ = ___	Name:	_____
		Address:	_____
		Phone:	_____
		Email:	_____

## PASTURE ECOLOGY WORKSHOP

On Tuesday, October 15, join us for a pasture ecology workshop at a local regenerative agricultural operation, Glenmar Farms, in Cecelia, Kentucky.

We will be doing a deep dive into all things related to ecological systems and welcoming Dr. Matt Poore from North Carolina State University.

Tuesday, October 15, 2024

Pasture Ecology Workshop with Matt Poore, North Carolina State University  
9:00 a.m. - 5:00 p.m. ET  
Glenmar Farms, 16943 St. John Road, Cecelia, KY 42724

### Topics include:

- Silvopasture establishment and management
- Managing for dung beetles
- Annuals as part of regenerative grazing systems
- The POWER of one-wire temporary electric fencing
- Eastern gamma grass and clover mixtures
- Temporary watering systems
- Understanding the potential and limitations of your soil

Registration capped at 60!

Kentucky Master Grazer  
Educational Program



Kentucky Forage and Grassland Council

This event is part of the larger Heart of America Grazing Conference  
Tickets can be found at <https://2024HeartofAmerica.eventbrite.com>

If registering by mail, please send checks payable to KFGC to: Caroline Roper, UKREC, PO Box 469, Princeton, KY 42445

Pasture Ecology Workshop Tickets	\$100 x ___ = ___	Name:	_____
		Address:	_____
		Phone:	_____
		Email:	_____

Cooperative Extension Service

## Northern Kentucky Master Gardener Program



Cost: \$150.00

\$50 refund if your volunteer hours are completed within one year.

Fridays-10:00 a.m.-2:00 p.m.  
December 6, 2024 thru April 4, 2025

For more information  
call (859) 572-2600

Registration deadline: Oct. 18, 2024



Join other gardeners for this 15 week volunteer training program. Subjects include botany, tree identification, soils, propagation, disease and insect identification and much more. Complete the program requirements and use your new knowledge by volunteering 40 hours at Extension-approved sites in order to become a *Certified Master Gardener*.

Classes will be held at:  
Campbell County Extension Office  
3500 Alexandria Pike  
Highland Heights, KY 41076

This class has limited space.



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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# EDEN SHALE OPEN HOUSE

WINTER FEEDING STRATEGIES  
RAINWATER COLLECTION CONCEPTS  
CATTLE FACILITIES



Call **859-278-0899** to register or scan QR above to register online.



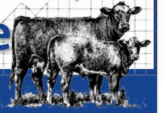
## OCTOBER 19

Tour begins at 10 AM ET • Lunch at Noon  
400 Eden Shale Road, Owenton Kentucky

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

"Today's Challenges, Tomorrow's Opportunities"

# Kentucky Beef Conference



October 24, 2024

**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

**9:00—10:00**  
Registration, visit sponsors  
\$10 registration fee

**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**

Cooperative Extension Service

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Family and Consumer Sciences  
4-H Youth Development  
Community and Economic Development

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# MERGING

THE FUTURE OF  
KENTUCKY AGRICULTURE



**KENTUCKY AGRICULTURE SUMMIT**  
NOVEMBER 14-15, 2024, LOUISVILLE

# Summit Session SPOTLIGHT



## How does agriculture grow economic development?

Who's on the panel?

Building prosperity for Kentucky's future necessitates innovative economic development opportunities across farm, food, fuel and fiber. Listen and learn from innovative fuel, fiber, and community success stories.



Moderated by Dr. Will Snell  
University of Kentucky  
Day 1, Hyatt Regency Louisville

Learn more at [www.kyagcouncil.org](http://www.kyagcouncil.org).



Mick Henderson



Danielle Milbern



Erica Rogers



Tom Womack

# Kentucky Composting Conference



## Sustainability and the Art of Composting

Join us to learn best practices for composting, from small to large-scale operations. Learn through hands-on demonstrations, expert panels, and engaging speakers about compost quality, soil health and more!

**WHEN:** October 17th - 18th

**WHERE:** University of Louisville - Belknap Campus

**KEYNOTE:** Jean Bonhotal, Cornell University



Registration

\$35 Regular

\$10 Student

Scholarships Available

<https://tinyurl.com/ky-compost-conference>



DINING SERVICES

UL Sustainability



UK Recycling



The Owen County Soil Conservation District & Natural Resource Conservation Services are pleased to announce the hiring of new Soil Conservationist Derrick Mason. Derrick is a Louisville native; after graduation high school, Derrick continued his education at Eastern Ky University completing his degree in Wildlife Management. Derrick started his career as a Conservation Educator for the KY Department of Fish & Wildlife; then went on to become a private wildlife biologist for Waste Management in Louisville.

Derrick looks forward to utilizing his past experiences to best serve the residents of Owen County and can't wait to get out in the field. Derrick can be reached at the USDA Service Center/Owen County Conservation District at 205 West Perry St, Owenton. 502-484-2719



## 2024 Annual Conference Growing Through the Seasons: 25 Years of Seeding, Feeding and Leading

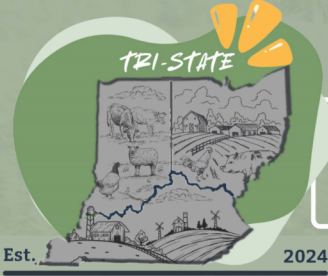
November 10-12, 2024

Campbell House  
1375 South Broadway Road  
Lexington, Kentucky 40504



CULTIVATING SELF-RELIANCE, ONE ACRE AT A TIME

1ST ANNUAL



Est. 2024

**HOMESTEADING**  
CONFERENCE  
**Saturday, October 26**  
at Boone County  
Enrichment Center  
8:00am - 4:00pm

Cost: \$40 Registration Fee  
includes lunch & refreshments  
Register Here:  
<https://tinyurl.com/tristatehomestead>



Conference Location: 1824 Patrick Drive - Burlington, KY 41005



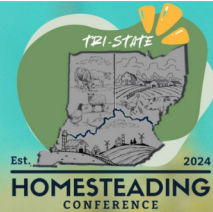
Featuring  
Keynote Speaker:  
The Lean Farmer,  
Ben Hartman



**OTHER TOPICS**

- Beefin' Up Your Homestead
- Butcherin' Basics
- Honey & The Bee
- Mushroomin' 101
- Tapping into Sweetness: Maple Syrup
- Extending the Growing Season
- Cultivating Healthy Soil

& Much more as we help you  
homestead one acre at a time...



**Saturday, October 26**  
at Boone County  
Enrichment Center  
8:00am - 4:00pm

Featuring  
Keynote Speaker:  
The Lean Farmer,  
Ben Hartman



Our Speakers Growing Your Homestead Skills



**"Bee"ginning Beekeeping**  
Gina Anderson  
Purdue Extension



**Grazing**  
Robert Zupancic  
Indiana NRCS



**Composting & Soil Health**  
Brandon George  
UKY Extension



**Mushroomin' 101**  
Brooks Warner  
OSU Extension



**Butcherin' Basics**  
Dr. Gregg Rentfrow  
UKY Extension



**Tapping into Sweetness: Maple Syrup**  
Lacey Kessell  
UKY Extension



**Bringing Pollinators to the Homestead**  
Gina Anderson  
Purdue Extension



**Butcherin' Basics**  
Dr. Gregg Rentfrow  
UKY Extension



**Beeffin' up the Homestead**  
Michelle Simon  
UKY Extension



**Maximizing Sustainable Garden Productivity & Sustainability**  
Ian Zeglín  
Greenacres Foundation



**From Homestead to Farmstead: Marketing and Selling Beyond the Farm Gate**  
Lindie Huffman  
UKY Extension



**Fruits & Backyard Orchards**  
Russell Beiersdorfer  
Purdue Extension



**Poisonous Plants of the Garden**  
JT Benitez  
OSU Extension



**Goat Getters: Small Ruminants on the Homestead**  
Regina Utz  
UKY Extension



**Fruits & Backyard Orchards**  
Russell Beiersdorfer  
Purdue Extension



**Hatching a Plan: Poultry Farming for Eggs and Meat Success**  
JT Benitez  
OSU Extension



**Hogsteading: The Pasture Pig Playbook**  
Paige Collett, Three Daughters Farm KY & Joe Chestnut C3J Farm



**Insects in an Instant**  
Veronica Bullock  
Purdue Extension



CONFERENCE COST: \$40  
REGISTER ONLINE BY OCT 16:

[HTTPS://TINYURL.COM/TRISTATEHOMESTEAD](https://tinyurl.com/tristatehomestead)



# MASTER CATTLEMEN



2024

**BECOME A MASTER CATTLEMEN...** The Master Cattlemen Program was created to give beef producers an in-depth educational course on beef cattle management. Producers completing the program will acquire knowledge that will help them make informed economic management decisions in the beef operations.

Location: Boone County Enrichment Center | 1824 Patrick Drive, Burlington, KY 41005  
Participant must complete all six (6) three-hour sessions to become certified.

**November 4**  
6:30 p.m.

Dr. Katie VanValin  
Assistant Extension Professor  
Extension Beef Specialist  
**Nutrition**

**November 11**  
6:30 p.m.

Kevin Laurent  
Senior Agriculture Extension Specialist  
**Marketing & Profitability**

**November 18**  
6:30 p.m.

Darrh Bullock  
Extension Professor  
Animal & Food Sciences  
**Genetics**

- BOONE 859-586-6101
- CAMPBELL 859-572-2600
- CARROLL 502-732-7030
- GALLATIN 859-567-5481
- GRANT 859-824-3355
- KENTON 859-356-3155
- PENDLETON 859-654-3395
- OWEN 502-484-5703

**November 25**  
6:30 p.m.

Les Anderson  
Extension Professor  
Animal & Food Sciences  
**Reproduction & Record Keeping**

**December 2**  
6:30 p.m.

Dr. Morgan Hayes  
Assistant Extension Professor  
Josh Jackson  
Ag Engineering Specialists  
**Facilities & Winter Feeding**

**December 9**  
6:30 p.m.

Dr. Michelle Arnold  
UK Ruminant Extension Veterinarian  
**Animal Health**

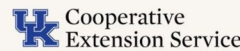


Call your County Extension Office or Scan the QR Code to register.

\$125 Registration due at 1st session  
Includes all meals, class materials and farm sign  
Cash or check only!



MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT



## UTILIZING TEMPORARY FENCING

Learn how to make temporary electric fencing work on your farm



**When:**

November 6th, 4:30 pm

**Where:**

Henry County Extension Pavilion  
2151 Campbellsburg Rd.  
New Castle

Must RSVP to  
(502) 845-2811



4:30 - Temporary fence: Different styles of reels and posts, finding faults, solar vs. mains

5:15 - Troubleshooting electric fences, how to set up a paddock

6:00 - Basic principles of electric fencing, sizing a charger, grounding systems

6:30 - Dinner



# Direct Marketing Livestock Products from Small Farms

Monday, October 14th 6:00 - 8:00pm

HENRY COUNTY EXTENSION OFFICE  
2151 Campbellsburg Rd. New Castle



*Dr. Jeff Lehmkuhler,  
University of Kentucky  
Beef Specialist*



*Dr. Colt Knight,  
University of Maine  
Cooperative Extension*



Meal provided

RSVP TO (502) 845-2811



Cooperative Extension Service

MARTIN GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT



Cooperative Extension Service

Cooperative Extension Service

# FINANCING A FARM

A program designed to help you navigate starting or expanding a farming operation.

Guest Speakers:  
Mary Courtney, Agriculture Loan Officer, Independence Bank  
Dustin Mattingly, Farm Loan Manager, Farm Service Agency

Bring your kids! We will have activities and childcare available. Light meal provided.



NOVEMBER 21ST  
6:00 - 8:00 PM

HENRY COUNTY  
EXTENSION OFFICE

2151 CAMPBELLSBURG RD. NEW CASTLE

RSVP (502) 845-2811



Cooperative Extension Service

MARTIN GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT



# GROWING YOUR FARM AND FOOD BUSINESS WORKSHOPS



Unlock new opportunities for your agribusiness with KCARD staff and partners at our comprehensive workshops on funding, business planning, and more!

<p><b>October 23rd</b> Grand Rivers Community Center Grand Rivers, KY</p>	<p><b>November 13th</b> Washington County Extension Office Springfield, KY</p>	<p><b>November 19th</b> UK Robinson Center (RCARS) Jackson, KY</p>
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Kentucky Center for Agriculture and Rural Development

# OWEN COUNTY CATTLEMEN'S ASSOCIATION



October 24th  
6pm

Owen County Extension Office  
Call 502-484-5703 to RSVP

# Solar Workshop & Open House

November 15, 6:00pm

Topics include:

- How Solar Panels Work, including Battery Backup
- Hands On Walk Through of our System
- Agricultural Applications
- Incentives for Residential, Small Business and Farm Businesses

Speakers:

David Gomez, Dailey Green Power,  
[www.dailygreenpower.com](http://www.dailygreenpower.com)

Andy McDonald, Apogee - Climate & Energy Transitions, Kentucky Solar Energy Society,  
[www.ApogeeClimate.org](http://www.ApogeeClimate.org)

Joshua Jackson, UK Assistant Extension Professor

Location : Franklin County Extension Office  
Call (502) 695-9035



# Rinse & Return Chemical Container Program

Oct 14th  
10am-12pm

Owen Co. Transfer Stn., 208 E. Blanton St., Owenton  
Questions? Call (502) 330-2199



# ALTERNATIVE STORAGE SYSTEMS COULD HELP FARMERS IN TIMES OF HIGHER YIELDS

Alternative grain storage options are becoming increasingly valuable as agricultural production intensifies, offering farmers flexible and cost-effective solutions. While traditional grain bins are widely used, alternatives such as grain bags, flat storage and temporary structures provide practical choices for producers looking to manage harvests and mitigate risks. These systems offer benefits in terms of cost, accessibility and adaptability, allowing farmers to address specific needs without the heavy investment in permanent infrastructure.

Grain storage plays a key role in managing risk by reducing harvest delays, avoiding price lows during peak harvest times and allowing for earlier harvesting at higher moisture levels if drying systems are available. Traditional grain bins offer long-term storage but require significant initial investment and construction time. In contrast, alternative storage options can be quickly deployed and used for both short- and long-term needs, depending on the operation's scale and requirements.

One of the most popular alternatives is the use of grain bags. These commercial-grade plastic bags can hold 10,000 bushels of grain or more and provide a temporary but weather-tight storage solution. Grain bags are ideal for producers who need on-site storage without the infrastructure costs of permanent bins. However, because they are not reusable, regular monitoring is necessary to avoid spoilage from tears or punctures by wildlife. Despite these challenges, grain bags are a flexible and accessible option for short-term storage, particularly when paired with modern sensors to monitor moisture and temperature levels.

Flat storage systems are another alternative, utilizing open areas or machine storage buildings. These systems are versatile and capable of holding substantial amounts of grain but require careful management to maintain grain quality. Moisture protection, aeration and pest control are critical factors in maintaining the integrity of grain stored in flat structures. While they are a cost-effective solution, flat storage systems pose a higher risk of spoilage than more controlled environments, such as traditional bins.

Temporary storage structures, including bin rings and upright silos, can also provide a quick and scalable storage option where available. Bin rings can be set up rapidly and are often used when immediate storage is needed. However, they come with risks such as inadequate aeration and moisture control, making them less suitable for long-term storage. Protection from the elements and pests is a top priority with temporary storage structures, as they are more exposed than grain bags or permanent bins.

Alternative grain storage systems offer flexible solutions for farmers seeking to manage their harvests efficiently. These options can provide cost-effective, short-term storage solutions that, when properly monitored, help maintain grain value and reduce risks associated with spoilage and pests. A spreadsheet is available to easily calculate the holding capacity of various storage structures at <https://bae.ca.uky.edu/extension/grain-storage-systems>.

For more information about alternative grain storage, contact the Owen County Extension office of the University of Kentucky Cooperative Extension Service.



# 19 OCTOBER 2024

# 2024 KY ANNUAL PRODUCER CONFERENCE

• Fleming County Extension Office •  
1384 Elizaville Rd., Flemingsburg, KY 41041

**Morning Session 8:30 am - 12:30 pm**  
Guest Speakers:



Commissioner Johnathon Shell



Kentucky Farm Bureau



**Afternoon Session Field Day**

Forage Management, Reproduction, Lambing/Kidding & More! 1:00 pm - 3:30 pm  
• Schwartz Show Stock & Meat Co.  
- Sheep producers  
• Hickory Hollow Acres  
- Goat Producers



Association Business Meetings:  
Board of Director and Officer Elections



**Cost: \$35/single; \$50/couple – Includes Lunch!**  
(ADDITIONAL LUNCHES \$10)

Registration 8:30 a.m. (EST) • Program starts at 9:00a.m.

**FOR MORE INFORMATION & REGISTRATION VISIT**  
[www.kysheepandgoat.org/annual-producer-conference](http://www.kysheepandgoat.org/annual-producer-conference)

**OUR SPONSORS**

<https://sfc2024.eventbrite.com>

Cooperative Extension Program

SCAN HERE:

CLICK HERE:

**REGISTRATION IS LIVE!**

KENTUCKY SMALL, LIMITED-RESOURCE, MINORITY FARMERS CONFERENCE

**November 21-23, 2024**

REGISTRATION CLOSING NOVEMBER 1, 2024

KENTUCKY STATE UNIVERSITY'S

## 26th Annual Small, Limited-Resource, Minority Farmers Conference

*"Connecting Our Farmers and Communities"*

Contact Edwin Chavous at [Edwin.Chavous@kysu.edu](mailto:Edwin.Chavous@kysu.edu) or (502) 597-6428  
This institution is an equal opportunity provider.

**KENTUCKY STATE UNIVERSITY**  
Cooperative Extension Program

## THIRD THURSDAY THING

### Small Ruminants

October 17th, 2024 | 10 a.m. ET

Welcome and Announcements  
Edwin Chavous, Kentucky State University

**Raising Small Ruminants Together: The Good and the Bad**  
Jessica Lopez

**KSWPA, KSDGO, and the Future of the Industry**  
Harry Frederick

**Late Season Forage Management and Pasture Renovation**  
Dr. Ken Andries, Morehead State University

Lunch

**Common Diseases**  
Dr. Jerusha Lay, University of Kentucky

**Goat Demonstration**  
McKinley Stonewall, Kentucky State University



## KSBA FALL CONFERENCE

November 9, 2024  
8:30 a.m. to 4:30 p.m.

Free for KSBA and CKHP Members

**Location**  
Laurel County Extension Office  
200 County Extension Rd.  
London KY 40741



**Keynote Speaker Dr. Jay Evans**

- Natural Products for Bee Disease
- What's Hot in Bee Research



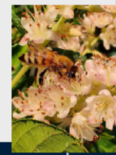
**Dr. Leonard Davis**

- Double Screen Boards: 5 Uses That Increase Colony Success



**Neil Hunt**

- Chasing Feral Bees



**Visit Vendor Booths:**

- Dadant
- Honey and Bee Connection
- Kentucky Queen Bee Breeders Association, Inc.
- Hives for Heros

**Join the Honey Tasting Contest:**  
Bring a small jar of honey of any size or shape and EVERYONE will get to be a judge and taste all the honeys and vote on the favorite.

**Join the Honey Swap:**  
Bring a jar to swap

**Lunch:**  
Lunch is on your own from 12:00 to 1:30. Time to visit vendors and network.

Registration is appreciated but not required.  
**Not a KSBA or CKHP member?** No problem. Show up the day of, as all are welcome. You can join and pay membership at the door.

**More Information:**  
Scan the QR code or



Click Here to visit [kybees.org/2024-fall-conference](http://kybees.org/2024-fall-conference)

**Hotel**  
Quality Inn  
400 GOP Street  
London, KY 40701  
Phone: 6068774466

KSBA Fall Conference Rate \$75 per night, total with tax \$82.64

# LIVESTOCK FORAGE PROGRAM



Call Farm Service Agency at (502) 484-3979 for an appointment

Owen County is eligible for a payment under the Livestock Forage Program. What we need...

- # of Weaned and Adult Head owned as of 07/26/2024
- Did you sell any weaned or Adult livestock between 07/26/2024 through 09/24/2024?
- Copy of land lease or a CCC-855 signed by lessor and lessee
- Must have a 578 Grazing Crop report on file

**Ineligible: Poultry and Swine, racing and wagering animals**

*USDA is an equal opportunity provider, employer, and lender.*

## Farm Service Agency Drought Assistance Informational Meeting

If you suffered grazing loss from recent drought, you may be eligible for payments under the Livestock Forage Disaster Program

**Nov. 8th  
5:30pm**

**Owen County Extension Office  
Call 502-484-5703 to RSVP**



# Cover Crops for Kentucky Gardens

If you feel like the time has come to put the garden to bed for the season, why not plant a cover crop? Cover crops can add organic matter to the soil, reduce soil erosion, weed suppression, and help to maintain the integrity of the soil.

There are several types of green manures to choose from. They can be broken down into two categories: legume and grass. Grasses tend to be more easily established than legumes. However, legumes, such as clover and vetch, can actually add nitrogen to the soil. Below are some of the best cover crops for Kentucky gardens.

Planting a cover crop is as easy as getting your garden ready for any other plant. As soon as you get room in your garden, remove the plant debris. This will help cut down on disease in the garden next year. Rake the area smooth. Broadcast the seed according to the rates on the seed bag. Lightly rake again and water the area with your hose or sprinkler with a light mist.

In spring, till or plow the cover crop under. You should do this at least three weeks before planting in order to allow time for the organic matter to decompose. If the cover crop has gotten too tall to turn under easily, mow first. Do not allow your cover to go to seed! This will only lead to weed problems.

Cover Crop	Time of Seeding	Grass or Legume	Pros	Cons	Seeding Rate per 1000 sq ft
Rye	Sept.-Nov.	Grass	Excellent cover, early spring growth	If not killed early enough in spring can lead to too much top	3-4 lbs
Wheat	Sept.-Oct.	Grass	Easy to manage	Not as hardy as rye	3 lbs
Annual Ryegrass	Aug.-Sept.	Grass	Produces good thick growth in the fall	May die in cold weather	1 lb
Hairy Vetch	Aug.-Sept.	Legume	Easy to establish and winter hardy	May volunteer where it is not wanted	1 lb

# Managing Nutrition and Stress in Newly Weaned

Fall is a busy time in the cattle business. For the rancher and cow-calf producer, it is the time to reap the fruits of our labor. In the feed yard, a slower summer of empty pens and feeding big yearlings is interrupted by the sounds of bawling calves. The chaos of this time of the year leads to stress on both people and animals, typically leading to sickness.

During the 1990s, the Texas A&M Ranch to Rail study documented the actual costs of cattle sickness in the beef industry. Calves that were treated for bovine respiratory disease (BRD) after weaning had lower quality grade, significantly greater death loss and medicine cost. The sum of additional costs and loss in performance in calves that were treated resulted in \$93.20 lower net revenue per animal (that's equivalent to \$165.74 in 2022, after adjusting for inflation). The practices outlined below are methods to help producers capture that value.

## Managing stressors

The stressors cattle will encounter from weaning to slaughter are almost always unavoidable: weaning, change in diet, new environment, processing, transport, market, commingling and castration. Too often many or all these stressors happen at the same time. Weaning calves is one stressor. Introducing calves to a total mixed ration (TMR) is a separate stressor. The more these stressors can be introduced at different times, the better the results will be.

## A few ways to spread out stressful events:

1. Administer both initial and booster vaccinations to calves before weaning takes place.
2. Perform castration as early as possible.
3. Before weaning, introduce calves to a TMR and eating out of bunk.

It is not always possible to spread out stressful events. However, every year gives us an opportunity to improve and try something new, even if it's not "the way we've always done it."

## Starting calves on feed

Rumen function is very important as

calves transition from pasture to consuming a TMR. However, rations for smaller calves (300 to 450 pounds) should provide not only roughage that is familiar, but more importantly, a diet with adequate minerals, protein and energy. A few things to consider:

1 Small calves - Calves smaller than 400 pounds often require high-quality proteins, such as soybean meal, until proper feed intake and rumen function is established.

2 Energy and protein density- For energy consumption, feeds that are high in energy but low in starch allow low-intake calves to get the necessary calories with less effort. Adequate roughage in combination with feeds such as soybean hulls, corn gluten feed, distillers grains and hominy create diets with lower acidosis risks than corn. Adequate protein and energy are also needed for immune system function.

3 Limit feeding-Utilization of byproduct feeds results in diets with higher energy densities that can be fed at a lower intakes (2% to 2.5% of the bodyweight on a dry matter basis) as opposed to high-roughage rations (3% to 3.5% of bodyweight on a dry matter basis). With proper attention to bunk space and ration formulation, higher energy density improves feed efficiency and decreases cost of gain in backgrounding calves.

4 Getting the calves bunk broke - Eating out of a bunk can be a foreign concept for a grazing animal. The sight, smell and sound of a feed truck or tractor will condition calves to associate feeding equipment with food. Giving long-stem hay in the bunk the first few days will give them an opportunity to see something familiar. After the first day, the new ration should be spread on top of the hay. This forces calves to eat through the new ration to get the hay they are familiar with. Once calves are acclimated to eating out of a bunk, the feeding protocol should be adjusted to account for history of the calves and production goals of the cattle.

5 Avoid "Band-Aid" fixes -Roughage is essential to rumen function, but relying too heavily on bunk hay can create deficiencies in minerals. Pressed or



cooked molasses mineral tubs in combination with free-choice hay in the pen can be used as calves acclimate to eating out of a bunk. This strategy can work, but it should be a temporary option for calves that have difficulty learning the feed bunk. If calves continue to have access to mineral tubs and free-choice hay, however, this strategy can act as a Band-Aid. Getting cattle to eat high-quality feed from a TMR is the proper solution to the problem. The most cost-effective option is to train calves to eat a TMR as quickly as possible. There is also no way to know which calves are eating from the tub and which are not. Some new mineral and vitamin drenches have come on the market. These supply three to five days of mineral directly into the rumen and are given during initial processing. These are another option to maintain mineral status of the calf during bunk acclimation.

## Preparation and planning

Record prices for calves have been seen across the U.S. during 2022. High-calves drive greater return on investment for feed products, time and labor that improve starter calf health and performance. Many products and management practices have been developed to give every calf a chance to perform. Logistical challenges and unforeseen circumstances in day-to-day feedlot work are often what prevent the best management practices from being implemented. Take the time to prepare necessary protocols and train team members to make this the best year yet.

# HOW TO PICK THE PERFECT PUMPKIN

Pumpkins and other fall items make autumn one of the most fun seasons for decorating. The centerpiece of autumn décor is the popular pumpkin.

Picking the right pumpkin in many ways is a personal preference as beauty is in the eye of the beholder. Round, squatty, oblong, with or without scratches — they all have their own character.

## **How to pick a pumpkin: What to look for**

When choosing a pumpkin, look closely at the flesh of the orb. Avoid any pumpkins that have cracks or splits. Gently squeeze or press your fingers into the fruit. Pay close attention to the blossom end, or bottom, and around the stem. A fresh pumpkin should be solid to the touch. Avoid ones that have soft spots or sunken areas, as decay has already set in. Selecting good quality produce will ensure that your autumn display will be long lasting. High quality pumpkins have a firm, hard rind and are generally rich orange in color. Color is not always the best indicator of maturity, as pumpkins now come in varying shades from bright orange to light orange to almost white.

Test for the maturity of a pumpkin by gently pressing your fingernail into the rind. A mature pumpkin will resist scratching. If the surface is easily penetrated, the pumpkin was picked too early and will end up rotting. Immature pumpkins do not have a long life once picked. Also check for firm, bright green stems as this indicates freshness. A dry, shriveled stem usually means the pumpkin has been picked and stored for a long period of time thus reducing its ability to remain fresh throughout the entire fall decorating season.

## **Carry your pumpkin in your arms, not by the stem**

Holding or carrying a pumpkin should be done with care. Avoid the temptation to carry the pumpkin by the stem. The stem is not a built-in handle. Once the stem breaks off, pumpkin decay is not far behind. The stem's connection to the pumpkin is not strong enough to support the weight of the fruit. Although more awkward, grasp your hands or arms around the orange globe and carry it from the bottom.

## **Match the pumpkin to its purpose**

Pick the right pumpkin for the job. Of course perfect can mean a lot of things. Sometimes we are drawn to flat, tall, or squatty — just about any shape to get us into the fall festive mood. But if you plan on carving a jack-o-lantern, select a large, uniform shaped pumpkin as this will maximize your creativity. If pumpkin pie or a squash dish is the fruit's destiny, then choose small, heavy fruits (sometimes marketed as pie pumpkins or winter squash because they contain more pulp than the larger varieties).

## **How to make your pumpkin last longer**


Pumpkins store best under cooler conditions. Either in the home or outdoors, they will keep for several months. Hard freezes late in the season will damage outdoor pumpkins causing them to turn to mush. Some recommend wiping the fruit off with a solution of bleach water to reduce rot and decay. This is normally not necessary but can be done. Picking pumpkins is a great family activity and a fun way to celebrate the season.

# OCTOBER

## Best Days of October 2024

Purchase animals: 22, 23  
 Breed animals: 4-6, 31  
 Wean animals: 19, 29  
 Castrate animals: 11-13  
 Slaughter livestock: 4-6, 31  
 Mow to promote growth: 4-6  
 Mow to slow growth: 22, 23

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

29	30	1	2	3	4	5
belly 6	belly 7	belly 8	reins 9	reins 10	secrets 11	secrets 12
secrets 13	thighs 14	thighs 15	knees 16	knees 17	legs 18	legs 19
	<b>Direct Marketing Livestock Products from Small Farms</b> 6PM Henry CES 	<b>Pasture Ecology Workshop</b> 9 AM Glenmar Farms Cecelia, KY  <b>2024 Heart of American Grazing Conference</b>	<b>Carbon Markets</b> 8:30 AM UPI	<b>Third Thursday Thing</b> 10 AM  <b>KY Composting Conference</b> University of Louisville Belknap Campus		<b>Eden Shale Open House</b> 10 AM 400 Eden Shale Owenton, KY  <b>KY Annual Producer Conference</b> 8:30 AM Fleming CES
legs 20	feet 21	feet 22	head 23	head 24	neck 25	neck 26
arms 27	arms 28	breast 29	breast 30	heart 31	heart 1	belly 2
belly	belly	reins	reins	secrets		





**HALLOWEEN**

# NOVEMBER

**Best Days of November 2024**  
 Purchase animals: 18, 19  
 Breed animals: 1, 2, 28, 29  
 Wean animals: 16, 25  
 Castrate animals: 8, 9  
 Slaughter livestock: 1, 2, 28, 29

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

27	28	29	30	31	1	2
3	4	5	6	7	8	9
	<b>Master Cattlemen: Nutrition</b> 6:30 PM Boone Enrichment Center	<b>Election Day</b>  <b>CLOSED</b>	<b>Utilizing Temporary Fencing</b> 4:30 PM Henry CES		<i>secrets</i>	<i>secrets</i>
<i>thighs</i>	<i>thighs</i>	<i>knees</i>	<i>knees</i>	<i>knees</i>	<i>legs</i>	<i>legs</i>
10	11	12	13	14	15	16
	<b>Master Cattlemen: Marketing &amp; Profitability</b> 6:30 PM Boone Enrichment Center		<b>Growing Your Farm &amp; Food Business</b> Washington CES Springfield, KY	<b>KY Fencing School</b> 7:30 AM GREENACRES Lewis Township Felicity, OH		
	<b>2024 Annual Conference</b> Lexington, KY			<b>KY Agriculture Summit</b> Louisville, KY		
<i>feet</i>	<i>feet</i>	<i>head</i>	<i>head</i>	<i>neck</i>	<i>neck</i>	<i>arms</i>
17	18	19	20	21	22	23
	<b>Master Cattlemen: Genetics</b> 6:30 PM Boone Enrichment Center	<b>Growing Your Farm &amp; Food Business</b> UK Robinson Center Jackson, KY		<b>Financing a Farm</b> 6 PM Henry CES		
				<b>Small, Limited-Resource, Minority Farmers Conference</b> KSU 26th Annual		
<i>arms</i>	<i>breast</i>	<i>breast</i>	<i>heart</i>	<i>heart</i>	<i>heart</i>	<i>belly</i>
24	25	26	27	28	29	30
	<b>Master Cattlemen: Reproduction &amp; Record Keeping</b> 6:30 PM Boone Enrichment Center			 <b>Extension Office CLOSED</b>		
<i>belly</i>	<i>reins</i>	<i>reins</i>	<i>reins</i>	<i>secrets</i>	<i>secrets</i>	<i>thighs</i>



PLAN.  
EAT.  
MOVE.

# Speedy Chili

Servings: 6   Serving Size: 1 cup   Recipe Cost: \$4.05   Cost per Serving: \$0.68

## Ingredients:

- 8 ounces lean ground beef
- 1 14-ounce can diced tomatoes with green peppers and onions
- 1 15-ounce low-sodium kidney beans
- 1 8-ounce no salt added tomato sauce
- 1/2 cup water
- 1 tablespoon chili powder
- 1 teaspoon garlic powder
- 1/2 teaspoon salt
- 1/2 teaspoon pepper

## Directions:

1. In a medium saucepan, cook ground beef over medium heat, breaking up meat until coarsely chopped; cook thoroughly
2. Drain fat off beef, return meat to pan, add diced tomatoes, kidney beans, tomato sauce, water, chili powder, garlic powder, salt and pepper and bring to a boil.
3. Reduce temperature and simmer 10 to 15 minutes.
4. Serve immediately. Refrigerate leftovers.