February issue of the Owen County Agriculture & Natural Resource Newsletter



Kendal Bowman
Owen County Agriculture Agent

I don't know about you, but I'm starting to get spring fever! It's a good time to start planning starting seeds and ordering chicks.

Make sure to check out the spring issue of the Sweet Owen Magazine. In this issue, Molly Haines will be highlighting agriculture in our community!

I'm also working on a project and if anyone has some old greenhouse hoops to donate please let me know!

With many new farmers in the community, it would be nice if we had an Ag Directory together. If you can provide me with; mobile tire repair, fencers,

barn builder, painters, mobile mechanic, etc... We will try to put all of these resources together.

In March be checking with the conservation district about applying for their cost-share program. The CAIP cost share should be available in April. Mark your calendar for April 6th for our Ag Funding Workshop.



With the rising cost of ink, paper, postage, ect. we want to make sure you are receiving the Ag newsletter the most beneficial way for you. If you could take a moment to fill out this survey. It would help us know how you would like to continue receiving your newsletter. If you haven't already completed it you may scan the QR code, stop by the office, or you may type "shorturl.at/lwxJ2" in your browser.

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.







The College of Agriculture, Food and Environment is an Equal Opportunity Organization with respect to education and employment and authorization to provide research, education information and other services only to individuals and institutions that function without regard to economic or social status and will not discriminate on the bases of race, color, ethnic 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. Inquiries regarding compliance with Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments, Section 504 of the Rehabilitation Act and other related matter should be directed to Equal Opportunity Office, College of Agriculture, Food and Environment, University of Kentucky, Room S-105, Agriculture Science Building, North Lexington, Kentucky 40546, the UK Office of Institutional Equity and Equal Opportunity, 13 Main Building, University of Kentucky, Lexington, KY 40506-0032 or US Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410.



Christmas was cold. Not just cold, but like, disrespectfully cold!

Kentucky usually doesn't see winter weather that is dangerous to be out in, but December 23rd was such a day.

The Mesonet weather station at the farm measured the extremes of those three days. We had five consecutive days with lows of at least 12° F. During the worst of the weather on Friday, Eden Shale experienced a low of -8° F with wind gusts of up to 41 mph recorded. This resulted in a measured windchill of -33° F.

This harsh weather showed me how resilient our cattle can be. When in good health and having access to proper nutrition, cattle are able to withstand some pretty extreme conditions. But I still felt sorry for them that day as I packed buckets of grain through the wind and snow to make sure they had a belly full of energy.



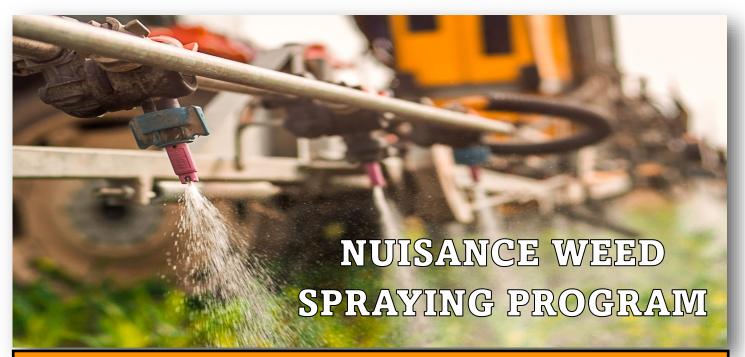
Once fed, each group needed a drink of water. And as everyone reading this knows, that was the hard task of the day. However, three of the five water tanks were open and functioning as designed that morning.

The first tank was a Ritchie trough style water tank in the barn with an electric heater keeping it open. Cheating I know, but nice none the less.

The second tank that was open was a tire water tank. This tank had an insulative lid that covers 2/3's of the surface allowing the cows to drink from each side. There were 97 cows using this tank and it was still open and functioning properly. Having that number of cows drinking

replenishing the water with warmer water from under ground, and having some woods nearby that served as a windbreak, both aided in the tire not freezing.

The third tank that was functioning normally was Dr. Higgin's tire tank with the automated lid that I highlighted last month. The lid on this tank covers the entire surface of the tire and it has watering pans located on either side. When the cattle walk up to the tank a pump fills the water pans to allow them to drink. When the cattle leave, the water turns off and drains back under the lid and down into the tire. This means there is no water left exposed to freeze while the cattle are not present. This tire



NOTE: The registration period for this program is the month of February, and all registration must be done online at http://www.kyagr.com/consumer/nuisance-weed-spraying-program-application.aspx. This program consists of weed spraying demonstration plots. The department will provide the sprayer and enough chemical for the treatment of 10 acres of agricultural land or 100 gallons of spot spraying mix to be used on agricultural land. The department's representative will demonstrate proper mixing and application techniques. A number of nuisance weeds can be treated under this program depending on the needs of the participant. This program is limited to broadleaf weeds.

Broadcast Spraying demonstration plots consist of:

- 10 acres of agricultural land will be treated with chemical provided by the department
- Application is performed with a two-wheeled trailer type sprayer equipped with boomless

If additional chemical is provided by the participant, an additional 10 acres can be treated

Spot Spraying demonstration plots consist of:

- 100 gallons of broadleaf chemical mix which is applied until sprayer is empty
- Application is performed with a two-wheeled trailer type sprayer equipped with a handheld spray wand used by the tractor operator

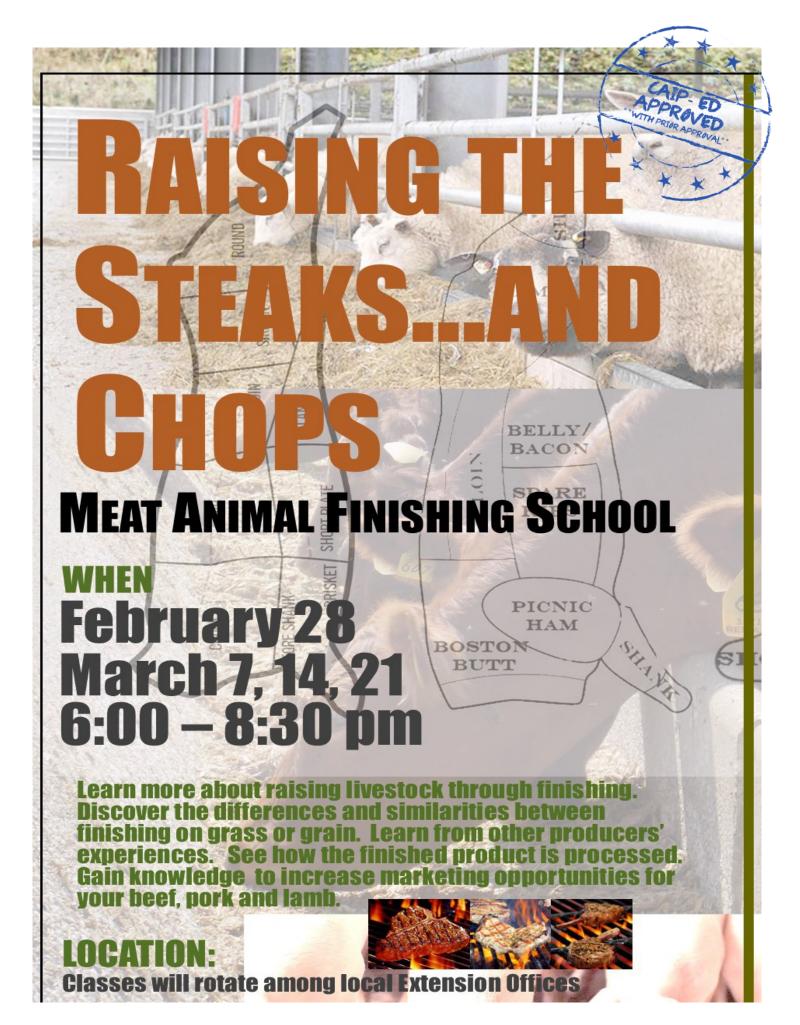
If additional chemical is provided by the participant, an additional 100 gallons can be sprayed

For each demonstration:

- The participant must provide water source
- The participant must provide tractor and operator
- All chemical products must be labeled and the product label will be strictly followed

A maximum of 7 participants per county

This program is designed to target weeds that have a negative impact on the participant's agricultural production. There will be an annual online application period to participate in this



START THE YEAR RIGHT WITH GOOD RECORD BOOK-KEEPING PRACTICES



Record-keeping is not everyone's favorite activity, but with a little time, patience and a commitment to get it done, your financial life will be more peaceful.

Record-keeping tasks don't have to be difficult. Think of it as a way to keep track of your operation that will help you make better long-term decisions. You can use a ledger book or a computer–whatever helps you maintain consistency. Software programs can help you make sense of your data.

Software has become more user-friendly over time, and while it may not make the record-keeping process fun, it could help you see the overall picture of your operation. Some programs track purchases and how you use each item on a particular enterprise or field. You'll be able to keep track of repair and maintenance records for specific farm equipment and produce balance sheets, income statements and cash flow budgets.

For many livestock operations, a good time to start keeping records is when your veterinarian comes to check your animals. Vets usually charge per head, so that data can help you develop a list of animals that need attention. You can use the same data to develop health histories of your animals, which will lead to more informed exams and diagnoses in the future.

Make record-keeping a team work on the records and budget read the information while anware program or writes it in the overwhelmed if you do a little for the end of the year. Year-end fying if you've done the work ate year-end reports with a few through stacks of bills lying



effort for your family. Sit down and together. Perhaps one person can other person types it into the softledger book. You won't become bit each day and don't save it all up procedures also can feel more satisthroughout the year. You can genersimple clicks and not have to sort around the home or office.

The University of Kentucky College of Agriculture, Food and Environment's Department of Agricultural Economics has several tools online that could help with budgeting and decision-making. Visit https://agecon.ca.uky.edu/budgets to see what is available.

For more information about record-keeping and a variety of other farm management topics, contact the Owen County Cooperative Extension Service.

Sources: Steve Isaacs, extension agricultural economist

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.





2023 Regional GAP Trainings

February 23 - 10:00 am -12:00 pm - Montgomery County Ext. Office(859) 498-8741
February 28 - 9:00 am - 12:00 pm - Shelby County Ext. Office(502) 633-4593
February 28 - 6:00 pm - 8:00 pm - Harrison County Ext. Office(859) 234-5510
March 2 - 6:00 pm - 9:00 pm - Garrard County Ext. Office(859) 792-3026

Amy Rochkes: (865) 622-4606









Do you purchase restricted used pesticides? Then mark your calendars for one of the upcoming trainings.

Feb 28th 6pm, Scott Co. Extension 502-863-0984
March 6th 6pm, Owen Co Extension
April 7th 9:30am, Owen Co Extension

MUST RSVP call 502-484-5703



BEGINNING MAY 12TH

Boone County Extension is excited to launch its first Kentucky Master Naturalist Volunteers Cohort.

This 10 to 12-week program will teach participants a wide range about their environment including:

Wilderness Safety Water quality Wildlife Plants Geology And so much more!



Applications available February 6th, 2023

Cost \$200, scholarships are available

Contact for more details
Call: (859) 586-6101
Email: lacey.laudickeuky.edu
Instagram: ebcenvironmentaledu
Facebook:

Weed Management Program

Tuesday, February 21, 2023

Location:

Carroll County Extension Service

500 Floyd Drive, Carrollton

(502) 732-7030

R.S.V.P. by February 15

APPROVED



Carroll County ANR Agent, Maggie Turner and Trimble County ANR Agent, Regina
Utz will be hosting this informative program on Weed Management.

Guest Speaker will be

Dr. J.D. Green, University of Kentucky Extension Professor of Weed Science
Dr. Green's primary research interests include weed management programs for
grain crops (corn and soybean), forage crops (alfalfa, pastures, hayfields), and
non-cropland areas.

The UK Backyard Streams Program Presents:

Invasive Plant Management Along Waterways

Date: Saturday, February 18th >> Inclement Weather Date: February 25th

Time: 10:00-12:00 >> Location: End of Hoffman Lane, La Grange

Park Along Hoffman Lane. >> Bring a Folding Chair (optional).

This outdoor workshop is for anyone interested in learning all about invasive plants:

- ✓ Plant ID
- ✓ Treatment/Removal ✓ Tools/PPE
- ✓ Replanting with Natives
- √ Long-term Management

Instructors will review the impacts of invasive plants in riparian buffers and the water quality benefits of proper management.

Participants will have the opportunity to try out some of the tools used in the demonstration.



Registration Preferred:

www.bit.ly/INVASIVEPLANTS2023 Email RTrueman@OldhamCountyKY.gov Call # (502) 222-1476



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







Funding for this project is provided in part by a grant from the U.S. EPA through the Nonpoint Source Section of Kentucky Division of Water to the Oldham County Fiscal Court, as authorized by the Clean Water Act Amendments of 1987, 319(h) Nonpoint source Implementation Grant.

Educational programs of KY 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 manital status, experience information, age, verteran status, or physical or methal disability). Disabilities accommodated with prooffication.

Introduction TO HOMESTEADING AND SUBSISTENCE AGRICULTURE

March 31 - April 1

Harold R. Benson Research and Demonstration Farm 1525 Mills Lane Frankfort, KY 40601

These workshops will cover a wide variety of subsistence agriculture topics with the goal of introducing participants to the concept of becoming self-sufficient by utilizing their resources to grow food for themselves and their families.



This institution is an equal opportunity provider.

Reasonable accommodations for individuals with disabilities will be provided free of charge upon request. Language access services for limited English proficient individuals, will be provided free of charge upon request. Please contact David

Peery at david.peery@kysu.edu

All requests should be made by 3/1/2023

Topics Include:

- Introduction to Home-Based Processing
- Introduction to Growing Perennial Fruits and Nuts
- Lunch and Networking with Vendors
- Annual Fruit and Vegetable
 Production
- Introduction to Beekeeping
- NRCS Technical Assistance and Cost-Share Opportunities
- Introduction to Caring for Cattle
- Introduction to Caring for Sheep and Goats
- Lunch and Networking with Vendors
- Introduction to Caring for Pigs
- Introduction to Caring for Poultry
- Meat Processing



Register Now: http://bit.ly/3HSzWmt



Cooperative Extension Program



TUE, March 7, 2023 6:30 pm

virtually via Zoom (link will be sent day prior to session for those registered)

OR

FRI, March 10, 2023, 10:00 am

Boone County Extension Enrichment Center, Upper Level, 1824 Patrick Drive, Burlington

(859) 586-6101 or boone.ca.uky.edu to register



ABOUT THIS CLASS

Learn about
incorporating edible
plants into your
landscapes to provide
food for your family
while looking as good as
any other flower bed.

MAIN TOPICS

- Design principals
- Annual fruit and vegetables in landscaping
- Native perennial fruit and nut species in landscaping
- Opportunities for edible interventions

REGISTER HERE http://bit.ly/3D0Q5DP





BQCA Training

Feb 13th 6pm Scott Co. Extension

MUST RSVP by Feb 8th

502-863-0984

-A local one will be offered later in the year

Spring Forages



- March 21st, 2023 6pm (weather date March 28th)
- Scott Co Extension Office
- Dr. Ray Smith will discuss forage reseeding and varieties

The Owen County High School Agriculture Department was selected as one of 32 CTE programs to participate in the 2022-2023 Kentucky CTE Showcase. They received a mini grant to create a display that celebrates and shares authentic examples of the high-quality career and technical education offered in our program. Members of the Owen County FFA Chapter Executive Team will be participating in this showcase at the Capitol on Feb. 21 and the Kentucky School Board Association (KSBA) Annual Conference on Feb. 24. To prepare for this showcase, FFA executive team members have practiced presenting to the Owen County school board members, the Owen County Cattlemen's meeting, and the Owen County Farm Bureau board meeting.

Fru vege growe growe plan to the Fa Mark year s att

Fruit &
vegetable
growers who
plan to sell at
the Farmers
Market this
year should
attend

February 15th 9am

Shelby Co Extension

MUST RSVP 502-633-4593 Increasing Alfalfa Hay Sales to Horse Owners

Bermudagrass and Alfalfa-A Perfect Combination!

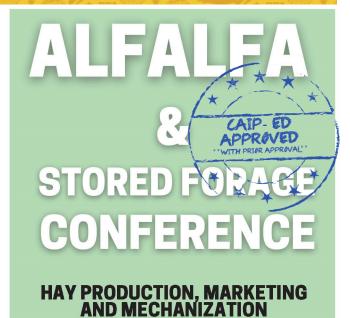
Options for Hay Mechanization

Hay Mechanization

Fall Armyworm Research Study

Assessing the Nutrient Status of Kentucky Alfalfa Stands

KDA Hay Contest
Update on Options
for managing
thinning alfalfa
stands







CAVE CITY CONVENTION CENTER

Click Here to Register Today!





Kentucky Forage and Grassland Council



February 1: KY Forest Health Update, Tree of the Week, and Wildlife Sounds

February 8: Impact of Climate on Bourbon

February 15: What is a Bird?, Backyard Bird Count

February 22: Fire Season, Tree of the Week, and Wildlife Sounds

For "From the Woods" zoom link email: rdwill5@uky.edu



COMING SOON...Horticulture Webinar Wednesdays

Visit kentuckyhortnews.com



Thursday, April 27th 6:30 PM

Owen County Extension Office Please RSVP 502-484-5703

46th Annual Turf & Landscape Management

Short Course



TUESDAY

Pesticide Certification Course & Exam

\$40 BEFORE per day FEB. 17

Concurrent sessions:

· Commercial Lawn & Landscape

WEDNESDAY & THURSDAY

· Golf

Sports Turf

Pesticide





Scan to

2023 CENTRAL KENTUCKY GRAIN PRODUCERS SEMINAR

Monday, February 27, 2023 ~ 9:00 am — 12:00 pm **Location: Fayette County Extension Office**

1140 Harry Sykes Way, Lexington, KY

PLEASE RSVP: (859) 257-5582

LUNCH WILL BE SERVED



Specialists in Farm & Turf Equipment Since 1972



Dr. Chad Lee Grain Crops Specialist

Dr. Jordan Shockley Agriculture Economics

Dr. Steve Isaacs Agriculture Economics

High School Ag Scholarships!

Cattlemen's - 502-484-5703 Farm Bureau — 502-484-2363 **United Producers Inc.** — 5002-484-5010 Soil Conservation — 502-484-3979 ext: 4012

Brunch and Learn at United Producers Inc. Owenton, KY



Wednesday, February 15th, 2023 8:30am-9:30am, Before the sale

Address: 86 Bramblett Ln, Owenton, KY 40359

Topic: Winter Hay Feeding Options





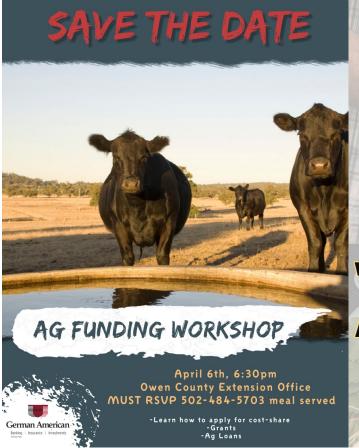


Feb. 17th Topics Cow Calf Management

roducers, Inc.

- <mark>35 Bramblett Un,</mark> Owenton XV 40359 5:30-6:30pm Before The Sale 502-484-5703





FARMERS MARKET SCALE CERTIFICATION

If you are selling items by weight, please drop your scale off at the Extension Office by April 4th. We will call after the state inspects them.

Small-Scale Growing and Marketing

A Webinar Series for Beginner Farmers

This virtual webinar series is designed for beginner farmers and will provide education about small scale production and marketing. One-time registration is required; participants may attend whichever session they are most interested in.



Food Safety Practices Tuesday, February 14 | 12:00-1:30 PM



Producing and Marketing Grains Tuesday, February 28 | 12:00-1:30 PM



Producing and Marketing Cut Flowers

Tuesday, March 7 | 12:00-1:30 PM

For persons with disabilities requiring special accommodations, please contact Rachel Carow, rachel.carow@unh.edu prior to the event.

Given ample time, we will make any reasonable effort to make accommodations.

This material is based upon work supported by USDA/NIFA under Award Number 2021-70027-34693









NATIONAL CENTER FOR APPROPRIATE TECHNOLOGY



National Institute of Food and Agriculture

Homebased Microprocessing Workshop

Join our in-person workshop! Homebased microprocessors are farmers who grow and harvest produce to use in their value-added products. Homebased microprocessors are required to grow a predominant ingredient in the products they make. The first step to becoming certified as a home based microprocessor is to attend a Home based Microprocessor (HBM) workshop presented by the University of Kentucky. The cost of the workshop is \$50.00.

Thursday, February 15th
9:30AM-2:00PM
9:30AM-2:00PM
Franklin Co Extension
502-695-9035

Thursday, March 2nd
9:30AM-2:00PM
Shelby Co Extension
502-633-4593

Friday, April 15th Tuesday, April 18th 9:30AM-2:00PM 9:30AM-2:00PM Pendleton Co Ext Grant Co Extension 859-654-3395 859-824-3355 FRANKLIN COUNTY COOPERATIVE EXTENSION

2023 WINTER SCHOOLS

CAID ED FREE CLASSES!

*These schools qualify for the KADF CAIP Educational Credit

6:00 P.M.

CLASSES WILL BE HELD AT THE FRANKLIN
COUNTY COOPERATIVE EXTENSION OFFICE
101 LAKEVIEW COURT

FEBRUARY 23 - BALE GRAZING

Will it work for you? If you attended Farm City Field Day last year you heard Dr. Greg Halich, UK Livestock Management Specialist, discuss Bale Grazing. Dr. Halich will explain the process in detail, plus how and when it works.

MARCH 2ND -OFF-GRID SOLAR

Need to light a barn, charge a fence, run a pump? Dr. Morgan Hays, UK Biosystems and Ag Engineering, will explain options for where power is difficult and/or expensive to run for farm applications..

MARCH 9TH - FRANKLIN COUNTY CATTLEMEN'S EDUCATIONAL MEETING

Enjoy a meal with fellow Cattlemen and learn From Dr. Les Anderson, UK Beef Specialist about the "X10D" app as an information hub for cattle producers to manage, connect and learn about things that matter to their enterprises.

RSVP to: Crystal Harrod @ (502) 330-5084 RSVP required for the meal, non-members are welcomed too!

MARCH 16TH - BQCA CERTIFICATION*

Beef Quality and Care Assurance enables beef and dairy producers to enhance their product, maximize marketability and strengthen consumer confidence. This is a requirement for KADF CAIP Large Animal Program participation but a good idea for anyone raising livestock.

Does not qualify for the educational credit & a \$5 fee will be charged, make checks out to "KBN" .

PLEASE RSVP TO 502 695-9035 TO REGISTER AND FOR

NOTIFICATION IF A CLASS IS CANCELED!

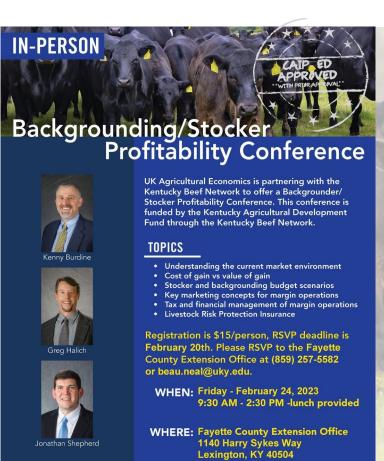
tension Service
Natural Resources
sumer Sciences
opment
Economic Development

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, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.









MID-SOUTH STOCKER CONFERENCE

FEBRUARY 21, 2022 5:30PM REGISTRATION 6:00PM PROGRAM

FEBRUARY 22, 2022 8:30AM REGISTRATION 9:30AM PROGRAM

REGISTER HERE:





WKU L.D. BROWN AG EXPO CENTER

406 Elrod Road Bowling Green, KY 42104





approved

8:15 am - Kickoff, Meet & Greet with Coffee and Treats

Department of Agricultural Economics 400 Charles E. Barnhart Building Lexington, KY 40546-0276 (859) 257-5762 | agecon.ca.uky.edu

9:00 am - Farm Safety & Trailering Livestock - Dale Dobson, KY Dept. of Ag

10:00 am - Pasture Mgmt. -Traci Johnson, Oldham Co. Extension & Bob Coleman, University of KY Equine Extension

11:00 am - Raising Hope KY - Dr. Cheryl Witt

11:15 am - Preserving the Family Farm for Future Generations - Mary Lowry, Alta Vista Farm

11:30 am - Lunch & Icelandic Horse Demonstration



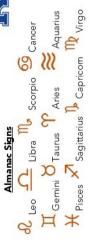








February 2023



Sunday	Sunday Monday	Tuesday	Wednesday Thursday	Thursday	Friday	Saturday
			From the Woods: KY Forest Health Update, Tree of the Week, and Wildlife Sounds 11AM via ZOOM	2	3	4
5	9	7	From the Woods: Impact of Climate on Bourbon 11 AM via ZOOM	6	10	
	m	mg	m ₂	깈	깈	m°
12 m.	13 Beef Quality Assurance Trainings 6:008:00 PM Scott County Extension Office	Beef Webinar Series: Where is the Cheap Food? 8PM	15 Brunch & Learn: 8:30-9:30 AM (Stockyards) From the Woods: What is a Bird?, Backyard Bird Count 11 AM via ZOOM	T 6	17 Friday Farmer Fundamentals: 5:30-6:30 PM (Stockyards)	18
19	20	21 46th Ar *	22 From the Woods: Fire Season, 23 Season, Sounds Sounds 11 AM via ZOOM From Innual Turf & Landscape Management Short Course Hardin County Extension Center	Winter Schools: Bale Grazing Grazing 6:00 PM Franklin County Extension Office Short Course	24 Backgrounding/Stocker Proffability Conference 9:30-2:30 PM Fayette County Extension Office	25 8
26 II	Central KY Grain Producers Seminar 9:00 AM- 12:00 PM Fayette County Extension Office	2 8 Private Applicator Scott County Extension Office Raising The Steaks & Chops 6:00-8:30 PM 65:00-8:30 PM 69	Cooperative Extension Service Agriculture and Natural Resources Family and Consumer Sciences 4-H Youth Development Community and Economic Development	Educational programs of Kentucky Cooperative or social status and will not discriminate on the religion, political belief; sex, sexual ordentation, status, genetic information, age, veteran status, Kentucky State University, U.S., Department of ALEXINGTON, KY 40546	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, ethic origin, rabinatorial origin, creed, ethics, penetic information, age, veteral status, or physical or mental disability. University of Kentucky, Kentucky, Status University, U.S. Department of Agriculture, and Kentucky Countless, Cooperating, LEXINGTON, KY 40546	Disabilities accommodated with prior notification.



Cooperative Extension Service

Owen County 265 Ellis Hwy

Owenton, KY 40359 Phone: (502)484-5703

Fax: (502) 484-5704 Owen.ca.uky.edu

Email: Kendal.bowman@uky.edu

NONPROFIT ORG
US POSTAGE PAID
OWENTON, KY
PERMIT #59

Kendal Bowman

County Agent for Agriculture & Natural Resources



"Staying Positive doesn't mean you have to be happy all the time. It means that even on the hard days you know that there are better ones coming"
- Anonymous

When the load feels to heavy, there is help available for free

> Please Call 988 or Text "KY" to 988