

# AG Newsletter

## February 2025

### Agent's Corner

Thirty two years ago, I landed in this county on February 1. I barely knew anyone, except for the family that took me in until I could thaw out my future home sometime in March of 1993. I was told by my boss, "I want you to find the top 20 farmers in the county". Believe it or not, with the help of the Extension staff and the farm stores, I was able to name 50 farmers and what they were growing. From time to time, I would go back to that list. If I could find that list today, I would hope to find those farmers still in business or someone still farming their ground.

At a recent Farmland Transition meeting, there were some interesting facts that came out. In Kentucky, in the last 20 years, we have lost 1.4 million acres of farmland. We also lost 17,000 farms. In the last five (5) years, we have lost 9% of our farms and 4% of our farmland (over 6,500 farmers) and over a half million acres. It's never too early to develop a transition plan; so please make your move to transition your farm to the next generation.

This information was received at the Feb 6, 2025 meeting from  
Aleta Botts, KY Farmland Transition Initiative Coordinator.


**Total Breckinridge County Farm Acreage:**

- 275,456 acres in 2002, 244,558 acres in 2022
- Loss of 12%

**Total Breckinridge County Farms**

- 1,443 farms in 2002, 1,249 farms in 2022
- Loss of 13%

Sincerely,

Carol M. Hinton   
Breckinridge County Extension Agent  
for Agriculture/Natural Resources Education



1377 S HWY 261 | Hardinsburg, KY 40143 | P: 270-756-2182 | F: 270-756-9016 | [breckinridge.ca.uky.edu](http://breckinridge.ca.uky.edu)





## 2025 CAIP PROGRAM

The Breckinridge County Conservation District will be conducting the County Agriculture Incentives Program (CAIP) A2025-0010. **This program is sponsored in part by the Kentucky Agriculture Development Fund (KADF).** NEW for 2025: The Breckinridge County Ag Development Council set the cost share amounts as follows, ALL Programs cost share up to \$2,000.

- Any producers interested in improving their farm business must apply at the Breckinridge County Conservation Office between the dates of February 19, 2025 thru March 26, 2025.
- Applications can be picked up from 7:30 a.m. (ct) through 3:30 p.m. (ct); except office is closed for lunch from 11 am (ct) to 12 Noon p.m. (ct).
- All interested parties must pick up and return the applications for approval to the office, 1101 S. Hwy 261, Suite 102, Hardinsburg, during the above times.
- All returned applications will be scored and those approved for cost share funds will be notified no later than April 21, 2025, date subject to change.
- Receipts for cost share practices must be dated from January 1, 2025 thru October 3, 2025.

The cost share programs that may be approved with proper documentation are as follows:

1. Agricultural Diversification
2. Large Animal (beef, dairy, equine)
3. Small Animal (goat, sheep, swine, bee, rabbits)
4. Farm Infrastructure
5. Fencing & On-Farm Water
6. Forage & Grain Improvement
7. Innovative Agricultural Systems
8. On-Farm Energy
9. Poultry & Other Fowl
10. Ag Tech & Leadership Development
11. Value-Added & Marketing

Important Dates; all review dates subject to change

1. Application time, February 19, 2025 thru March 26, 2025. You must fill out an application between these dates, no exceptions.
2. If you are approved, you will receive notice of approval no later than April 21, 2025.
3. After notification of approval, you can begin bringing in receipts for practices that have been completed along with proper pictures of projects and fill out a final report.
4. Receipts for cost share practices must be dated from January 1, 2025 thru October 3, 2025. *All paperwork must be turned into the Soil Conservation Office by October 3, 2025 before 3 p.m. (ct).*
5. Pending review and approval of your receipts and final report, you will receive notification that your reimbursement is ready to be picked up.
6. If you receive notice that you are on the waiting list, then you will be notified as money becomes available for you to complete your project for the CAIP Cost Share Program #A2025-0010.

Applicants must attend an educational class approved by the Breckinridge County Extension Office before receiving payment. All Zoom or Webinar meetings must be preapproved by the Extension AG Agent.

Please stop by the Breckinridge County Soil Conservation Office to pick-up the rules and applications for the programs.

For more information, please call the Breckinridge County Soil Conservation Office at 270-756-1696, ext 3.



## 2025 CAIP PROGRAM

### INFORMATIONAL MEETING DATES:

**Breckinridge County Extension  
Farmers' Market & Educational Facility**

**9 AM, 11 AM and 1 PM CT**

**Monday, February 24**

**Monday, March 3**

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**6 PM CT**

**Monday, March 10**

**Monday, March 17**

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**\*NOTE:**

**This counts only as an informational meeting  
NOT as an educational meeting!**

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Disabilities  
accommodated  
with prior notification.

Must have **prior approval** from AG Agent for these webinars to qualify for CAIP educational meeting

## UK Beef Management Webinar Series

Registration is necessary, however, if you received an email directly from Darrh Bullock then you are already registered. If you received this information from another source and have not registered previously, then please send an email to [dbullock@uky.edu](mailto:dbullock@uky.edu) with Beef Webinar in the subject line and your name and county in the message. You will receive the direct link with a password the morning of each meeting. This invitation will directly link you to the site and you will be asked for the password which can be found just below the link. Each session will be recorded and posted for later viewing. **All meeting times are 8:00pm ET/7:00pm CT.**

March 11, 2025

**Preparing for a Successful Spring Breeding Season** – Les Anderson, Extension Professor, University of Kentucky

April 8, 2025

**Health Update and Internal Parasite Field Study Results** – Michelle Arnold, Extension Veterinarian, and Jeff Lehmkuhler, Extension Professor, University of Kentucky

For additional information, please contact the Extension Office.

## Changes to CAIP Beef Bull Cost-share Program

*Source: Off The Hoof KY Beef Cattle Newsletter, November 1, 2024*

*By: Dr. Darrh Bullock, University of Kentucky, Extension Professor*

Significant changes to the CAIP Beef Bull Cost-share program have been approved for 2025. Both Kentucky and Tennessee have similar programs but have traditionally had different Expected Progeny Differences (EPD) requirements. The guidelines committees of the two states met and came to consensus on a set of guidelines that are now uniform across the state line. Some of the major changes are highlighted in this article, however, pay close attention to the full requirements before purchasing a bull for cost-share funding.

The number of bull categories has been reduced to 3; Balanced Trait/Maternal, Terminal Sire and Carcass Merit. There is no longer a Heifer Acceptable category, however, recommended minimal Calving Ease Direct or Birth Weight EPDs are provided for those that plan to breed the bull to heifers.

There are only EPD requirements for CED/BW and Growth traits OR CED/BW and an appropriate Economic Selection Index value depending on the breed. There is no longer a milk requirement for Balanced Trait/Maternal, however a range is recommended for producers to consider staying within. There are also recommendations for maximum Mature Weight EPDs and minimum Docility EPDs.

The formatting has changed. Instead of all breeds' requirements being listed in a table for each bull category, they are now listed by breed with the requirements and recommendations for each category.

All bulls will still be required to be genomically tested and have Genomically Enhanced EPDs! Contact your breed association for more information on how to accomplish this.

These new requirements will be implemented starting January 1, 2025. Please bear with us as we make this transition, we will try to work through any issues that arise. In the long run this will simplify bull purchases across the KY/TN state line and will improve the program overall.



# MID-SOUTH STOCKER CONFERENCE WEBINAR

**18 February, 2025 7:30 PM Eastern Time**

2025 Mid-South Stocker Conference Webinar Series:

Part 1 - Coproduct Feeding & Animal Health

**Dr. Katie VanValin**, University of Kentucky -

**Dr. John Grove**, Livestock Veterinary Service

**Register in advance for this webinar:**



**25 February, 2025 7:30 PM Eastern Time**

2025 Mid-South Stocker Conference Webinar Series:

Part 2 - Heifer Development & Vaccination Updates

**Dr. Katie Mason**, University of Tennessee -

**Dr. George Perry**, Texas A&M AgriLife Research & Extension Center in Overton

**Register in advance for this webinar:**



After registering, you will receive a confirmation email containing information about joining the webinar. **Please make sure to register for both sessions to ensure your spot.**

## 2025 Horses & Horsemen:

Join us for the 18th annual

# PASTURES PLEASE!!

Thursday, February 27



**Schedule:**

- 5:30—Meal
- 6:00—Aerial Applications: Does a Drone Fit
  - Brett Reese
- 6:30—Weeds to Watch Out For
  - Dr. Bill Witt
- 7:00—Cost Share Opportunities for Horse Owners
  - Krista Lea

**RSVP to 859-257-5582**

**Fayette County  
Extension Office**  
1140 Harry Sykes Way  
Lexington, KY 40504

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



 **Cooperative  
Extension Service**

# BRECKINRIDGE COUNTY CATTLEMEN'S ASSOCIATION MEETING



**Thursday, February 20th 6 p.m. CT**

**Extension Office Community Building  
1377 S. Hwy 261 Hardinsburg, KY 40143**

**Dr. Greg Halich, Associate Extension Professor, Livestock/Forages and  
Grain Crops Management Specialist, will be discussing research on  
rotational grazing and bale grazing**

**This meeting is CAIP approved**

**Please RSVP by calling (270) 756-2182**



*An Equal Opportunity Organization*

## News from Farm Service Agency!

The Farm Service Agency announced the 2025 enrollment period for Agriculture Risk Coverage (ARC) and Price Loss Coverage (PLC) is from January 21 to April 15.

The *American Relief Act, 2025* extended many Farm Bill-authorized programs for another year, including ARC and PLC.

# Master Logger Web TV

## 2025 Logger Web TV

In 2025, over 500 master loggers will need six hours of CE (continuing education) to keep their Master Logger designation. On **February 25, 2025**, the Kentucky Master Logger Program will host another Logger Web TV to make obtaining these six credit hours more feasible and convenient.

Logger Web TV will be offered at the extension offices for the following counties: *Boone, Breathitt, Breckinridge, Casey, Crittenden, Cumberland, Fleming, Hancock, Harlan, Monroe, Ohio, Owsley, Perry, Taylor, and Whitley.*

Logger Web TV will be hosted from 9 am - 4 pm EST (8 am - 3 pm CST). The class will be broken into six 50-minute segments. The agenda will follow as:

9:00 - 9:50: Introduction, House Keeping, and Economic Update for 2024/2025  
10:00 - 10:50: White Oak Initiative

11:00 - 11:50: White Oak Initiative  
12:00 - 1:00: Lunch (On Your Own)  
1:00 - 1:50: Water Maps, Safe Hauling, Trucking Cost Estimator  
2:00 - 2:50: BMP Refresher and Changes update  
3:00 - 3:50: What Log Buyers are Looking For (Tie's, Stave, Saw/Grade Logs, Way wood/Pulp)

By attending Logger Web TV, you will receive six hours of continuing education and be eligible to renew your designation. The class will cost \$50, and the renewal fee will be an additional \$25 (\$75 in total). Please register and send a check, cash, or money order to the Kentucky Master Logger office (Please do not send money to extension offices).

For questions or information:  
Email: [KML@uky.edu](mailto:KML@uky.edu) or [Michael.Ammerman@uky.edu](mailto:Michael.Ammerman@uky.edu)  
Phone: (859) 257-6230



Department of  
Forestry and Natural Resources - Extension



KENTUCKY STATE  
UNIVERSITY  
Land Grant Program

# Kentucky State University Beginner Beekeeping Grant 2024-25 Application

KENTUCKY STATE UNIVERSITY  
LAND GRANT PROGRAM  
COOPERATIVE EXTENSION BUILDING  
400 E. MAIN STREET FRANKFORT, KY 40601  
(502) 597-6831

FUNDING PROVIDED BY



Application is available at: <https://www.kysu.edu/academics/college-ahnrc/school-of-anr/co-op/beginner-beekeeping-program-application.php>



# Source: National Weather Service



## Winter and Early Spring River Flooding

Jane Marie Wix - National Weather Service Jackson, KY



Dean Acheson, a politician and lawyer, once said, "You can't argue with a river - it is going to flow. You can dam it up, put it to useful purposes, you can deflect it, but you can't argue with it." The further we head into the winter, rivers seem to become more "argumentative" as they swell and flood. So why do we typically see most of our river flooding in the winter and early spring here in Kentucky?

There are several factors...

1. During the winter months, the lack of vegetation, and the cold and occasionally frozen ground make it unable to absorb as much water. This creates more runoff into area creeks and streams, and eventually into the riverways.
2. The winter also tends to bring more amplified/stronger storm systems, which can result in more widespread significant precipitation. Typically in the spring and summertime, heavy precipitation associated with thunderstorms is more localized, while in the winter, it can cover vast expanses, leading to more impacts on the rivers.
3. Jam - it isn't just for bread! Ice floating down the river can get backed up and dam up the waterway, known as an ice jam. The water behind the jam will rise and flow out of the banks, leading to areal flooding. Subsequently, the jam will eventually release, sending large chunks of ice and pent up water down the river, leading to potential flooding and damage downstream. Ice jams typically occur farther north than Kentucky, where rivers are more likely to freeze over.
4. As we head into the early spring months, or even a warm spell after a large winter storm, rising temperatures begin to melt away at the snow and ice on the ground. If too much ice or snow melts at once, this creates a large amount of runoff into the waterways, leading to significant river rises. This gets amplified when heavy rains also fall on top of the melting ice and snow.
5. According to FEMA and the National Inventory of Dams (2007), there are more than 80,000 dams in the United States. Dam failure or levee breaches can occur with little warning. Failures and breaches can be slow, lasting from days to weeks, or can be very abrupt with profound, sudden impacts to locations downstream. Causes of dam failure vary from natural causes such as prolonged rainfall, landslides, earthquakes, or erosion - to human causes such as improper maintenance and design, and negligent operation.

In the last few months, the NWS launched nationwide Flood Inundation Mapping (FIM). These maps are available online and help decision makers, such as Emergency Management, show the extent of inundation at different river stage levels (both static and forecasted). FIM will help to better message the impacts for flooding events, with increasing accuracy and capability moving forward.



## Winter Safety!

Brandon Peloquin - National Weather Service Wilmington, OH

Jane Marie Wix - National Weather Service Jackson, KY



Wintertime can bring a wide range of hazards, whether it be exposure to the cold (for you and your animals), slick surfaces and roads that can lead to accidents and falls, or fires resulting from the improper use of heaters. Hundreds of people are injured or killed each year as a direct result of winter weather.

Here are some tips to remember when winter turns especially harsh:

- Stay dry to stay warm! Wet clothes result in much faster heat loss.
- Wear multiple layers. Wool keeps you warmer than cotton because wool fibers trap air pockets and when wool is exposed to damp conditions, it wicks moisture away from your skin and helps keep you dry.
- Cover everything you can! At least half your body heat can be lost if your head isn't covered.
- Avoid overexertion, such as shoveling heavy snow, or walking in deep snow. The strain from the cold and the hard labor may cause a heart attack. Sweating could lead to a chill and hypothermia.
- Remember the animals! - make sure they have access to melted water, plenty of food, and shelter to keep them protected.
- Stay informed on the latest weather forecast. All Kentucky National Weather Service offices have a phone line the public can call to get a weather forecast for their areas. Also, NOAA Weather Radios are specially built radios that only play a recorded forecast and other weather information. These can be purchased in many stores.

It's also important to know the signs that someone is getting too cold. Hypothermia is a medical emergency that occurs when your body loses heat faster than it can produce it. Confusion, shivering, difficulty speaking, sleepiness and stiff muscles are all signs of hypothermia and signs that medical attention is needed - call 911 immediately! To warm someone up who is showing signs of hypothermia, lie close to the person and cover both of you with thick blankets. The hotter you get, the more warmth you can give to the other person. Frostbite is another medical emergency that causes damage to the body's tissue (mainly on extremities such as hands and feet, or any place that is unprotected) due to blood vessels diverting blood to other parts of the body to help keep your vital organs warm. This will cause the affected area to become frozen, and can be a very dangerous situation, especially since it becomes numb and the victim can be unaware of its severity.

Finally, even though winter will often bring cold and snow, occasionally warm spells in the winter can lead to thunderstorms or flooding. Stay up to date with the latest weather forecasts to know what weather hazards or threats could impact you and your family this upcoming winter.

For more information visit: <https://www.weather.gov/safety/winter>





FEBRUARY 2025

Download this and past issues of the Adult, Youth, Parent, and Family Caregiver Health Bulletins: <http://fcs-hes.ca.uky.edu/content/health-bulletins>

Breckinridge County Extension Office  
1377 S. Hwy 261  
Hardinsburg, KY 40143  
(270) 756-2182

THIS MONTH'S TOPIC  
CAN YOU STOP CANCER BEFORE IT STARTS?



The Red Cross, the American Association for Cancer Research, and other groups recognize February as National Cancer Prevention Month, a time to tell people about ways you can fight cancer.

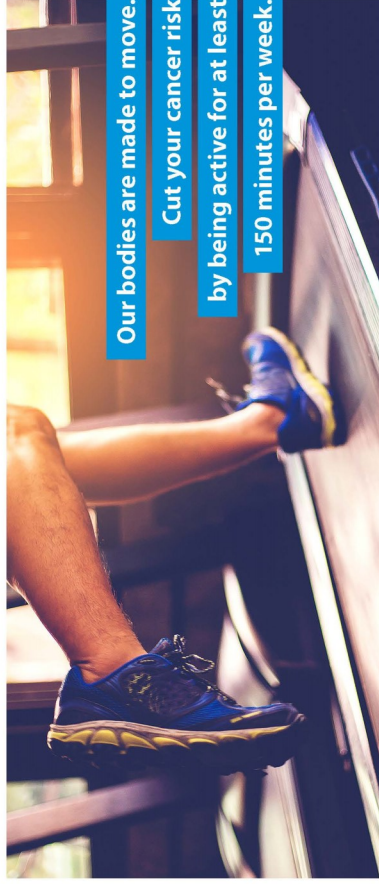
For many years, we thought you got cancer just by chance, bad luck, or only because of family traits or certain behaviors. Now we have more research. We know more about what causes cancer. We know how a person's life and environment can play a major role in keeping away cancer. There are things you can do to cut the odds of getting cancer. This will lower the overall rate of cancers moving forward.

The National Cancer Institute says prevention and testing efforts have been the major factors to saving lives, stopping 4.75 million deaths from

Continued on the next page →



Disabilities with prior notification



Our bodies are made to move.  
Cut your cancer risk  
by being active for at least  
150 minutes per week.

Continued from the previous page  
five of the most common cancers (breast, lung, colorectal, cervical, and prostate) from 1975 to 2020. The number of lives saved keeps growing yearly as more people learn how they can prevent cancer or find cancer early while it is most treatable.

Testing

Cancer screenings can look for signs of disease before you have warnings. Some screenings can even look for signs that cancer could likely grow later. All people should be screened for the most common types of cancer (breast, cervical, colorectal). You might need extra or earlier screenings if a parent or family member has cancer, or if you have been exposed to certain other risks.

Avoid tobacco and limit alcohol

Tobacco use is a risk for many cancer types, as is drinking too much alcohol. If you do not smoke or drink, do not start. If you use tobacco products, try to quit. There are many ways to help you quit. Ask your doctor, pharmacist, or local health department. If you drink alcohol, stay within the recommended limit of one drink per day for women or up to two drinks per day for men.

Keep a healthy weight

Obesity is also a cancer risk. You can cut your risk for cancer by reaching and keeping a healthy body weight. Eating a wide variety of healthy

food and being active can help reach a healthy body weight. Talk to your doctor about what is a healthy body weight for you, and how to reach it.

Eat healthy foods

Eating a diet of mostly vegetables, fruit, whole grains, and lean proteins limits your cancer risk, and gives your body fuel to feel its best.

Be active

Our bodies are made to move. Cut your cancer risk by being active for at least 150 minutes per week.

Protect your skin

Skin cancer is still a leading cancer in the United States. Limit sun exposure by using sun screen, SPF clothing, and sunglasses. Be careful of spending too much time in direct sunlight. Avoid tanning beds.

Cooperative Extension has a wide variety of information on cancer. Talk to your local Extension agent for more tips about the basics of cancer, cutting your cancer risks, and living a healthy life.

REFERENCE:  
<https://prevention.cancer.gov>

Written by:  
Katherine Jury, MS  
Edited by: Alyssa Simms  
Designed by: Rusty Manseau  
Stock images:  
Adobe Stock



# Optimizing Fertilizer Use for Kentucky Crops

Source: John Grove, Department of Plant and Soil Sciences Professor

Proper fertilizer usage is essential for achieving high crop yields and farm profitability while maintaining soil health.

## The Importance of Soil Testing

Soil testing is the foundation of effective nutrient management. The process involves collecting soil cores from 15-20 locations within a field/field area, to a specific depth. This method ensures that the samples are representative of the entire area, providing more accurate data on nutrient levels and soil pH.

## Lime Application for Soil Health

Producers should apply lime based on soil test results to ensure that the soil pH is within the optimal range for their crops. By adjusting the soil pH, lime application can enhance nutrient uptake and improve overall soil health.

## Fertilizer Recommendations for Various Crops

Different crops have varying nutrient requirements, and it is important to tailor fertilizer applications accordingly. Here are some specific recommendations for major crops grown in Kentucky:

### Corn

Corn requires significant amounts of nitrogen, phosphorus and potassium for optimal growth. Soil testing can determine the exact nutrient needs, but general guidelines suggest applying nitrogen in split applications: a portion at planting and the remainder during the growing season. Phosphorus and potassium should be applied before/at planting, based on soil test results, to ensure adequate nutrition throughout the growing period.

### Soybeans

Soybean, being a legume, can fix atmospheric nitrogen through a symbiotic relationship with a soil bacterial species. However, the crop still requires adequate phosphorus and potassium. Soil tests help determine appropriate application rates for these nutrients. Phosphorus and potassium for soybean should also be applied before/at planting.

### Wheat

Wheat benefits from nitrogen, phosphorus and potassium applications. Sufficient wheat nitrogen nutrition may benefit from multiple splits: a small amount at planting, followed by additional applications just prior to/during tillering and another at early stem elongation. Phosphorus and potassium should be applied according to soil test results, before/at planting.

## Optimizing Fertilizer Use for Kentucky Crops—cont'd

### Tobacco

Tobacco has high nutrient demands, particularly for nitrogen and potassium. Nitrogen should be applied in split applications: a portion at planting and the remainder during the growing season. Potassium is critical for tobacco quality and should be applied according to soil test recommendations. Adequate phosphorus is also necessary, and both phosphorus and potassium are applied before/at planting, based on soil test results.

### Benefits of Proper Fertilizer Usage

Following these fertilizer recommendations offers several benefits to farmers:

1. **Improved Crop Yields:** By providing crops with the right nutrients at the right times, farmers can achieve higher yields and a better-quality product.
2. **Enhanced Soil Health:** Proper nutrient management maintains soil fertility, ensuring long-term productivity.
3. **Cost Efficiency:** Applying fertilizers based on soil test results prevents both under and over application, optimizing yields and input costs while minimizing environmental impacts.
4. **Sustainable Practices:** Efficient fertilizer use supports sustainable farming by optimizing resource use and preserving soil quality for future generations.

Effective fertilizer use is crucial for successful crop production. By conducting regular soil tests and following crop-specific nutrient recommendations, growers can optimize their fertilizer applications. This approach not only enhances crop yields and soil health but also promotes sustainable farming practices. With careful management, producers can achieve productive and sustainable agricultural systems.

More info can be found at the University of Kentucky Martin-Gatton College of Agriculture, Food and Environment recommendation publication:

<https://www2.ca.uky.edu/agcomm/pubs/AGR/AGR1/AGR1.pdf>.

For more information on fertilizing crops and soil health, contact the Breckinridge County office of the University of Kentucky Cooperative Extension Service.

## PRIVATE APPLICATOR TRAINING

Breckinridge County Extension Farmers' Market & Education Facility

Friday, February 21, 2025 9 a.m. or 11 a.m. (ct)

Friday, February 28, 2025 9 a.m. or 11 a.m. (ct)

These trainings are for restricted and non-restricted pesticides.

A video will be shown. Producer will be required to take a written test.

The entire session will last approximately 1 1/2 hours.

Pre-register at 270-756-2182 for one of these dates and times.



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## Agricultural District Program

### Information Meeting

**March 4, 2025 @ 6:00 PM Central Time**

**Breckinridge Co. Extension Office**

*\*Held in conjunction with the monthly Kentucky Farm Bureau Meeting\**

The Division of Conservation Director Jay Nelson and Environmental Scientist Advisor Mark Davis will be on hand to answer questions regarding Agricultural Districts. Information will include:

- history of Agricultural Districts
- benefits of enrollment
- goals of the program
- land requirements
- enrollment process

***Since a meal will be provided, please RSVP by contacting Marti Janes at (270) 756-1696 ext. 3002***



# MULTI-COUNTY TOBACCO PRODUCTION & GAP CERTIFICATION MEETING

Breckinridge County Extension Community Building

Wednesday, March 26, 2025

10 a.m. – 1 p.m. (ct)

Speaker: Dr. Robert Pearce, UK Tobacco Specialist

*This meeting will qualify for GAP certification for all tobacco companies.*

**BE SURE TO BRING YOUR GAP CONNECTION CARD and A PICTURE ID**

**WITH YOU TO GET CERTIFIED.**

*A meal will be provided.*

*If you want to attend this training at the Breckinridge County Extension Office,  
you must call 270-756-2182 to register.*

*You must stay for the entire two-hour meeting to be eligible for 2025 GAP Training credit.*

**Attendance at one (1) GAP meeting is MANDATORY,  
if you are going to keep selling tobacco with a GAP CARD**

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Disabilities  
accommodated  
with prior notification.



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

## Virtual IPM Training School

March 12<sup>th</sup>, 2025

Zoom 8:00 AM- 4:00 PM CST

### Program

8:00-8:15 Welcome

Dr. Ric Bessin

#### Morning: Field Crops

8:15 Updating Nitrogen, Phosphate and Potash Rate Recommendations (AGR-1) for

Kentucky Grain Growers - Dr. John Grove

8:40 Fertilization Methods for Organic Crop Production - Dr. Edwin Ritchey

9:05 Improving ROI for Corn Fungicide Applications - Dr. Kiersten Wise

9:30 Management of Foliar Diseases of Soybean - Dr. Carl Bradley

9:55 **Coffee Break**

10:10 Slug Observations and Implications from Delaware - Dr. David Owens, Michael

Crossley and Ben Sammarco, University of Delaware

10:35 Three Emergent Soybean Pests: Snails, Three-Cornered Alfalfa Hopper and Bean Leaf

Beetles - Dr. Raul Villanueva

11:00 Potential Responses of Insect Pests to Climate Change - Dr. Nick Teets

11:25 Weed Control in 2025 and Beyond - Dr. Travis Legleiter

11:50

#### Lunch Break

#### Afternoon: Horticulture

1:00 Difficult Weeds and Management Strategies - Dr. Shawn Wright

1:25 Techniques for Managing Common Invasive Plants - Dr. Ellen Croker

1:50 Soil Solarization: An Alternative Management Method for Many Issues - Dr. Rachel

Rudolph

2:15 **Coffee Break**

2:30 Nursery IPM Practices to Up Your Disease and Pest Management Game- Ms. Tara

Vaughn

2:55 Spotting Trouble: Spotted Lanternfly and Kentucky - Dr. Jonathan Larson

3:20 An Overview of Cold Damage And Prevention For Fruit Crops - Dr. Brent Arnoldussen



Field Crops

**Pesticide Applicator-** Category 2, 3, 10: 1; Category 1A: 3

CEUs

**Certified Crop Adviser-** Nutrient Management: 1; IPM: 3

Horticulture

**Pesticide Applicator-** Category 1A, 2, 3: 1 for each

CEUs

**Certified Crop Adviser-** IPM: 2; Crop Management: 1

#### Contacts

Ric Bessin - [rbessin@uky.edu](mailto:rbessin@uky.edu); (859) 257-7456

Zenaida Vitoria - [zenaida.vitoria@uky.edu](mailto:zenaida.vitoria@uky.edu)

(270) 365-7541 Ext. 21336

## Italian Ryegrass Control Field Tour

Thursday, March 27, 2025  
9 a.m. to 11:30 a.m. CDT

### Please meet at the Caldwell County Extension Office

1025 U.S. Highway 62 West, Princeton, KY

Sign-in begins at 8:30 a.m. CDT

A caravan will proceed to the UKREC in Princeton for plot tours  
of Italian ryegrass research.



Click link or scan QR Code to register

[https://uky.az1.qualtrics.com/jfe/form/SV\\_2c6KX2NmiqEp1TE](https://uky.az1.qualtrics.com/jfe/form/SV_2c6KX2NmiqEp1TE)



Presented by Dr. Travis Legleiter, UK Extension Associate Professor - Weed Science, this field tour will highlight the options available to Kentucky farmers for maximum control of this problematic weed in the fall and spring prior to corn and soybean planting. For more information about the field tour call (859) 562-2569.

#### Educational credits available:

CCA: 3 CEUs in IPM;

KY Applicator Credits: 3 CEUs for Category 1A (Ag Plant)



## EQUIPMENT FOR RENT

The Extension Office has a No-Till Seed Drill, an in-line silage Hay Wrapper and Boomless Pasture Sprayers available for rent.

*For more information on renting or to schedule a date to use call:*

No-Till Seed Drill —  
Hobby Dye & Reed at 270-756-2555

Inline Silage Hay Wrapper —  
Wright Implement at 270-756-5152

Two (2) –Boomless Pasture Sprayers —  
Carol Hinton at 270-617-3417



## Almanac Tidbits for: February

Plant above ground crops—— 3-5, 8, 9, 27, 28

Plant Below ground crops —— 15-19, 22-24

Seed Beds————— 8, 9, 7-18

Kill plant pests:————— 1, 2, 6, 7, 10-14, 20, 21, 25, 26

Aries		♈
Taurus		♉
Gemini		♊
Cancer		♋
Leo		♌
Virgo		♍
Libra		♎
Scorpio		♏
Sagittarius		♐
Capricorn		♑
Aquarius		♒
Pisces		♓

**2025 CALENDARS: We now have these calendars**

**Sheep and Goat Calendar**

**Beef Calendar**

**If you are a producer stop by and pick up one of these calendars**

**We also have a Nutrition Education Program Recipe calendar**

## Breckinridge County Recycling Program



All recycling sites are  
accessible 24 hours a day,  
seven days a week.

### Stop by one of the following recycling centers near you:

Breckinridge County High School  
Cloverport Fire Department  
Auggie Doggie's, Garfield  
St. Romuald Gym, Hardinsburg  
McQuady Firehouse  
Breckinridge County Extension Office  
Rough River Corp of Engineers Office  
McDaniels Fire Department  
Frederick Fraize High School, Cloverport  
Hardinsburg Elementary School  
Union Star

## Mark Your Calendar!

- February 20, 2025—BCCA mtg— Breckinridge County Extension Community Bldg.
- February 21, 2025—Private Applicator Training, Breck. Co. Farmers' Market & Education Facility
- February 25, 2025—Master Logger TV Webinar Course, Breckinridge County Extension Farmers' Market and Educational Facility
- February 28, 2025—Private Applicator Training, Breck. Co. Farmers' Market & Educational Facility.
- March 20, 2025—BCCA mtg—Breckinridge County Extension Community Bldg.
- May 13, 2025—Wheat Field Day, UK Research & Education Center, Princeton, KY
- July 22, 2025-Corn, Soybean & Tobacco Field Day, UK Research & Education Center, Princeton, KY

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