

MARCH 2025 ISSUE

# AGRICULTURE & NATURAL RESOURCES NEWSLETTER

**Cooperative Extension Service**  
Fleming County  
P.O. Box 192; 1384 Elizaville Rd  
Flemingsburg, KY 41041  
Office Phone: (606) 845-4641  
extension.ca.uky.edu  
april.wilhoit@uky.edu

A Monthly Newsletter by Fleming County Extension Office



## MONEY FOR ON-FARM INVESTMENTS AVAILABLE...



Fleming County  
Conservation District  
74 Byron Way Ste B  
Flemingsburg, Ky 41041  
606-845-6291  
855-614-9985  
[tracy.ratliff@ky.nacdnet.net](mailto:tracy.ratliff@ky.nacdnet.net)

## COUNTY AGRICULTURAL INVESTMENT PROGRAM (CAIP)

Applications will be available for Fleming County's CAIP to assist farmers in making important on-farm investments.

**Application Period:**  
Feb. 12, 2025-Mar. 14, 2025  
*No applications will be accepted After Mar. 14, 2025 at 4:30pm.*

**Application Availability:**  
Fleming County Conservation District  
Monday – Friday (8 a.m. – 4:30 p.m.)

**For More Information:**  
Call or email: 606-845-6291 or email [tracy.ratliff@ky.nacdnet.net](mailto:tracy.ratliff@ky.nacdnet.net)

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

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## A Note From Your Agent:

Happy March and soon to be Spring!

The CAIP, YAIP, and Next Gen cost-share program applications are available at the Conservation Office. The deadline to apply is March 14. Please find more info in this newsletter.

We have several upcoming educational programs coming up that will satisfy CAIP education requirements as well as assist in continuing your learning.

We hope to see you soon at one of our many upcoming programs.

April Wilhoit

**\*HAPPY ST. PATRICK'S DAY\***



# Timely Tips

Les Anderson, Extension Professor, University of Kentucky



## Spring-Calving Cow Herd

- Watch cows and calves closely. Work hard to save every calf. Calves can be identified with an ear tag while they are young and easy to handle. Commercial male calves should be castrated and implanted. Registered calves should be weighed at birth.
- Cows that have calved need to be on an adequate nutritional level to rebreed. Increase their feed after calving. Do not let them lose body condition. Keep feeding them until pastures are adequate.
- Do not "rush to grass" although it can be really tempting. Be sure that grass has accumulated enough growth to support the cow's nutritional needs before depending solely upon it. Cows may walk the pastures looking for green grass instead of eating dry feed. This lush, watery grass is not adequate to support them. Keep them consuming dry feed until sufficient grass is available to sustain body condition. We've spent too much money keeping them in good condition to lose it now!
- Prevent grass tetany! Provide magnesium in the mineral mix until daytime temperatures are consistently above 60oF. Mineral supplement should always be available and contain a minimum of about 14% magnesium. Make sure that your mineral mix also contains adequate selenium, copper, and zinc. You can ask your feed dealer about the UK Beef IRM High Magnesium Mineral.
- Make final selection of heifer replacements. Strongly consider vaccinating with a modified-live BVD vaccine.
- Purchase replacement bulls at least 30 days before the breeding season starts. Have herd bulls evaluated for breeding soundness (10-20% of bulls are questionable or unsatisfactory breeders). Get all bulls in proper condition (BCS 6) for breeding.
- If you are going to use artificial insemination and/or estrous synchronization, make plans now and order needed supplies, semen, and schedule a technician.
- Prebreeding or "turnout" working is usually scheduled for late April or May between the end of calving season and before the start of the breeding season (while cows are open). Consult your veterinarian about vaccines and health products your herd needs. Decide now on the products needed and have handling facilities in good working order. Dehorn commercial calves before going to pasture.



## Fall Calving Cow Herd

- Pregnancy check cows now and cull open ones at weaning especially if the open cows are older than 6 years of age.
- Re-implant feeders.
- Consult with your veterinarian about preweaning working of the herd.
- You may let calves creep-graze wheat or rye if it is available. Calves will benefit from extra feed until spring grass appears.
- Plan marketing strategy for feeder calves.

## Stockers

- Do not go to pastures too soon, give plants some growing time. Then stock at two to three times the July rate and rotate rapidly.
- "Condition" purchased calves prior to grazing. They should be processed and fed a conditioning diet prior to being placed on pasture. You can also use this time to introduce them to electric fences used in rotational grazing.
- Provide a good mineral supplement which contains a rumen modifier (Rumensin, Bovatec, etc.) along with adequate levels of copper and selenium.

## General

- We have made a muddy mess this winter, so be prepared to reseed bare spots. Our forage group has some excellent information on restoring heavy-traffic areas.
- Make plans to improve hay feeding areas to avoid muddy conditions like we have faced this winter. Consider geotextile fabric with gravel or concrete feeding pads.
- Prepare for the grazing season. Check fences and make necessary repairs. Check your corral, too.
- Get everything ready to make high quality hay in May! Have equipment serviced and spare parts on hand. Order baler twine now. Be prepared to harvest an adequate supply of hay when you have the opportunity. Re-supply the extra hay that you fed out of the barn. This past winter caused most producers to exhaust their hay supply, so it is time to re-stock.
- Plan now for fly control ... decide what fly control program that you will use but do not put insecticide eartags on cattle until fly population appears.

# Announcements

MONEY FOR ON-FARM INVESTMENTS AVAILABLE...



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Monday – Friday (8 a.m. – 4:30 p.m.)

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# CAIP

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## Next Generation Farmer Program (NextGen)

Applications will be available for Fleming County's Next Generation Farmer Program to address the growing need for a specialized program that would benefit producers ages 18-40 that have been engaged in an agricultural operation for a minimum of 3 years.

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# NEXT GEN

MONEY FOR ON-FARM INVESTMENTS AVAILABLE...



Fleming County  
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[tracy.ratliff@ky.nacdnet.net](mailto:tracy.ratliff@ky.nacdnet.net)

## Youth Agricultural Incentives Program (YAIP)

Applications will be available for Fleming County's YAIP to encourage youth to engage in and explore agricultural opportunities.

**Application Period:**  
Feb. 12-Mar. 14 2025  
*No applications will be accepted after Mar. 14, 2025 at 430pm*

**Application Availability:**  
Fleming County Conservation District  
Monday – Friday (8 a.m. – 4:30 p.m.)

**For More Information:**  
Contact the office at 606-845-6291 or email [tracy.ratliff@ky.nacdnet.net](mailto:tracy.ratliff@ky.nacdnet.net)

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# YAIP

Please take notice of the front cover of the application stating the necessary documents to be returned with your application to make sure you get all the points assigned to that particular question. Some items on the sheet are mandatory, and if not returned, the application will be ineligible. If you have any questions, the district will be glad to assist you. If you choose to return the application after hours, there is an USDA lock box to place your application and documents in; this box is checked daily. If you would like an application faxed or emailed to you, please contact the district.

# CAIP EDUCATION OPPORTUNITIES- FLEMING COUNTY

## ONLINE AT ANYTIME:

- Visit: <https://anr.ca.uky.edu/caip-training> for instructions
- Visit: <https://campus.extension.org/enrol/index.php?id=1970> to access the online training site

## ADDITIONAL OPPORTUNITIES:

- Programs listed in this newsletter
- Farm & Family Night 2025



**CONTACT: (606) 845-4641 OR [APRIL.WILHOIT@UKY.EDU](mailto:APRIL.WILHOIT@UKY.EDU) FOR MORE INFO**

# Country Morning Casserole

*Servings: 8 Servings    Size: 3-by-3 inch piece*

*Recipe Cost: \$4.51    Cost per Serving: \$0.56*

## Directions:

1. Preheat oven to 350 degrees F.
2. In a 7-by-11-inch or 9-by-9-inch pan, layer bread cubes and shredded cheddar.
3. In a medium bowl, mix eggs, milk, salt, garlic powder, pepper and vegetables. Pour over bread.
4. Bake for approximately one hour (check periodically) or until eggs have set.



**Source:** Source: Brooke Jenkins-Howard, Extension Specialist, University of Kentucky Cooperative Extension Service

**Nutrition Info:** 120 calories; 5g total fat; 2g saturated fat; 0g trans fat; 170mg cholesterol; 400mg sodium; 9g carbohydrate; 1g fiber; 3g sugar; 0g added sugar; 12g protein; 0% Daily Value of vitamin D; 10% Daily Value of calcium; 6% Daily Value of iron; 4% Daily Value of potassium.

## INGREDIENTS

- 2 cups whole-wheat bread, cut into cubes
- 1 cup shredded low-fat cheddar cheese
- 6 eggs
- 1 cup skim milk
- ½ teaspoon salt
- ¼ teaspoon garlic powder
- ⅛ teaspoon pepper
- 1 cup frozen broccoli florets
- ½ bell pepper, roughly chopped
- ½ onion, chopped



**INTERESTED IN JOINING THE 2025  
FLEMING COUNTY FARMERS MARKET?**

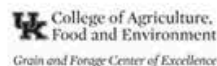
For info call (606) 845-4641 or email [april.wilhoit@uky.edu](mailto:april.wilhoit@uky.edu)



# Forage Timely Tips: MARCH

- Continue pasture renovation by no-tilling seeding legumes.
- Place small seed at 1/4 to 1/2 inch deep and check depth several times during planting; slow down for more precise seeding.
- Continue feeding hay until adequate forage exists in the pasture for grazing.
- Spring seeding of grasses should be done in early to mid-March (but fall is preferred).
- Begin smoothing and re-seeding hay feeding and heavy traffic areas.
- Graze pastures overseeded with clover to reduce competition from existing grasses. Pull livestock off before grazing new clover plants.
- Provide free choice high-magnesium mineral to prevent grass tetany on lush spring growth.

## Don't Make a Mistake-CALIBRATE!!!



- 1) Read your drill's operators manual to learn where the adjustments for leveling, seed depth, and seeding rate are located.
- 2) Ensure that seed tubes are not blocked by spraying them out with an air hose and running a wire through them. DO NOT SKIP THIS STEP!!!
- 3) Use the "Seeding Rate Chart" on the drill to determine the initial drill setting and set the drill accordingly.
- 4) Select the proper gear box setting or drive gear for the desired target seeding rate based on the manual.
- 5) Place a small amount of seed above each opening in the drill box.
- 6) Lower the drill to engage the seeding mechanism.
- 7) Turn the seeding mechanism until seed comes out. Make sure that seed is coming out of each disk opener.
- 8) Disconnect three to five seed tubes from the disk openers.
- 9) Place and secure a collection container on each seed tube. A sandwich bag secured with a rubber band works well.
- 10) Pull the drill 150 feet OR turn the drive wheel the number of revolutions it would take to travel 150 feet.
  - a. Revolutions can be determined by using the following formula:  $\text{Number of Revolutions} = 150 / (3.14 \times \text{Diameter of the Drive Wheel in feet})$ .
- 11) Carefully remove collection containers.
- 12) Tare the scale for an empty collection container and then weigh and record in grams each collection container with the seed in it.
- 13) Add the seed weight for each collection container together and divide by the number of seed drop tubes collected to get the AVERAGE weight per disk opener.
- 14) Compare the AVERAGE weight per disk opener to the grams of seed/disk opener found in Table 1 for the desired seeding rate and row spacing.
  - a. If the collected weight is within 10% of the target weight found in Table 1, then you are finished.
  - b. If the collected weight is more than 10% different than the target weight found in Table 1, repeat steps 7 to 12 after adjusting seeding rate setting on drill.

- Items Needed to Calibrate Drill:**
1. Tape measure (150 feet)
  2. Flags to mark stopping and starting points
  3. Gram scale with 0.1 gram accuracy
  4. Plastic sandwich bags
  5. Rubber bands

Table 1. Grams of seed to catch per disk opener in 150 feet for given combinations of disk opener width (inches) and seeding rate (pounds/acre).

Distance between Disk Openers	Seeding Rate in pounds/acre																						
	2	4	6	8	10	12	14	16	18	20	25	30	35	40	50	60	80	90	100	120	140	160	180
inches	grams of seed/disk opener to catch in 150 feet																						
6	1.6	3.1	4.7	6.3	7.8	9.4	10.9	12.5	14.1	15.6	19.5	23.5	27.4	31.3	39.1	46.9	62.5	70.4	78.2	93.8	109.4	125.1	140.7
7	1.8	3.6	5.5	7.3	9.1	10.9	12.8	14.6	16.4	18.2	22.8	27.3	31.9	36.5	45.6	54.7	72.9	82.0	91.1	109.4	127.6	145.8	164.1
7.5	2.0	3.9	5.9	7.8	9.8	11.7	13.7	15.6	17.6	19.5	24.4	29.3	34.2	39.1	48.9	58.6	78.2	87.9	97.7	117.3	136.8	156.3	175.9
8	2.1	4.2	6.3	8.3	10.4	12.5	14.6	16.7	18.8	20.9	26.1	31.3	36.5	41.7	52.1	62.6	83.4	93.8	104.3	125.1	146.0	166.8	187.7

A YouTube video on grain drill calibration can be viewed on the KYForages YouTube Channel at <https://www.youtube.com/c/KYForages>

# NUISANCE WEED SPRAYING PROGRAM

The signup period is the month of February

**DEADLINE FEBRUARY 28TH**



All applications must be submitted online



MORE INFORMATION ON THE PROGRAM IS LOCATED AT:  
[HTTP://WWW.KYAGR.COM/CONSUMER/NUISANCE-WEED-SPRAYING-PROGRAM-APPLICATION.ASPX](http://www.kyagr.com/consumer/nuisance-weed-spraying-program-application.aspx)

# BQCA Certification

at Fleming County Extension Office



**JANUARY 29**  
11AM-12:30PM

**FEBRUARY 18**  
4-5:30PM

**APRIL 3**  
8-9:30AM

**APRIL 15**  
5-6:30PM



Pre-registration required, please use the QR code or call (606) 845-4641

## Publication of the Month: Frost Seeding

Now is the time of the year to frost seed red and white clover. Dr. Teutsch recently updated our frost seeding publication and added some information about including annual lespedeza if you have low fertility or droughty soils. The direct link for the publication

<https://publications.ca.uky.edu/sites/publications.ca.uky.edu/files/AGR271.pdf> or you can go to the UK Forage Website (google KY Forages) under the Establishment tab. There are many other useful publications on establishment methods on this site.

AGR-271

### Frost Seeding Clover: A Recipe for Success

Chris D. Teutsch, S. Ray Smith, and Jimmy Henning, Plant and Soil Sciences



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



Figure 1. Clover and other legumes are an important part of sustainable grassland ecosystems. They form a symbiotic relationship with *Rhizobium* bacteria in which nitrogen from the air is fixed into a plant available form, improve nutritive value, and help to alleviate tall fescue toxicosis.

#### Frost Seeding at-a-Glance

- Legumes are an essential part of sustainable grassland ecosystems.
- Overseeding may be required to maintain and thicken stands.
- Frost seeding is the simplest method for reintroducing clover back into pastures.
- Control broadleaf weeds prior to frost seeding.
- Soil test and apply any needed lime or fertilizer before frost seeding.
- Suppress the existing soil and reduce residue with hand grazing in the fall and winter.
- Choose well-adapted varieties of red and white clover using the UK forage variety testing data.
- Calibrate seeder and check spread pattern.
- Broadcast 6-8 lb/A of red clover and 1-2 lb/A of white clover that has been inoculated in February or early March.
- Control post seeding competition by grazing pastures until clover seedlings become tall enough to be grazed off.
- Put pasture back into rotation once seedlings reach a height of 6-8 inches.

Legumes are an essential part of a strong and healthy grassland ecosystems (Figure 1). They form a symbiotic relationship with *Rhizobium* bacteria in which the bacteria fix nitrogen from the air into a plant-available form and share it with the legume. Clover also increases forage quality and quantity and helps to manage tall fescue toxicosis. In the past, the positive impact of clover on tall fescue toxicosis has always been thought to simply be a dilution effect, but new research from the USDA's Forage Animal Production Unit in Lexington shows that compounds found in red clover can reverse vasoconstriction that is caused by the ergot alkaloids in toxic tall fescue. The primary compound found in red clover is a vasodilator called "Biochanin A."

Clover stands in pastures thin over time due to various factors and require reseeding every two to four years. Several techniques for reintroducing clover into pastures include no-till seeding, minimum tillage, and frost seeding. Of these techniques, frost seeding requires the least amount of equipment and is the simplest to implement. Frost seeding is accomplished by broadcasting clover seed onto existing pastures or hayfields in late winter and allowing the freezing and thawing cycles to incorporate the seed into the soil (Figure 2 and Figure 3). This method works best with red and white clover and annual lespedeza. It is *not* recommended for seeding grasses or alfalfa. This publication covers the important factors for successful frost seeding.

**\*\*\*FROST SEEDING IS BEST  
FEBRUARY-EARLY MARCH\*\*\***



FLEMING COUNTY COOPERATIVE EXTENSION SERVICE

## SEED GIVEAWAY!

**UK** Cooperative Extension Service  
Agriculture and Natural Resources

**MARCH 17-31**  
(WHILE SUPPLIES LAST)

PICK UP FROM TOTE AT OFFICE DOOR  
BETWEEN 8:30AM-5:00PM DAILY

PACKETS MAY INCLUDE: TOMATO, CORN, PEPPER, BEANS, SUMMER SQUASH, AND WATERMELON SEEDS

CONTACT : 606.845.4641 • 1384 ELIZAVILLE RD, FLEMINGSBURG

# SHEARING SCHOOL

**MARCH 14-15**

**KEY TOPICS:**  
EQUIPMENT SET UP  
SHEARING PREPARATION  
HANDS ON TRADITIONAL SHEARING  
SHEARING ON A STAND



**REGISTER TODAY**

**FLEMINGSBURG, KY**

**LUNCH PROVIDED**



FOR MORE INFORMATION, PLEASE CONTACT:

ZACK SCHWARTZ- (606) 748-2463 OR TAYLOR SCHWARTZ (606) 291-9061

## Mobile Processing Unit Training



KENTUCKY STATE UNIVERSITY

### Dates:

May 7th

May 16th

**LIMITED SEATS AVAILABLE!**



**9:00AM**



Harold Benson Research & Demonstration Farm  
(1525 Mills Lane, Frankfort, KY)



IF YOU WOULD LIKE A REGISTRATION FORM, PLEASE EMAIL APRIL.WILHOIT@UKY.EDU

CHICKENS, TURKEYS, RABBITS, QUAIL, GUINEAS, & SOME AQUACULTURE ITEMS

**REQUIRED TRAINING FOR NEW PRODUCERS PLANNING TO USE THE MOBILE PROCESSING UNIT**



**UK Cooperative Extension Service**

## APPLE TREE GRAFTING/PRUNING WORKSHOP

HOSTED BY THE BUFFALO TRACE COOPERATIVE EXTENSION OFFICES

**MARCH 8, 2025**

8:30AM - 2PM @ FLEMING COUNTY EXTENSION OFFICE  
1384 ELLZAVILLE RD., FLEMINGSBURG, KY

**TOPICS:**

- GRAFTING & APPLE VARIETIES
- DISEASE & INSECT MANAGEMENT
- PRUNING: HANDS-ON DEMO @SMS

**PLEASE REGISTER BY:  
MARCH 1ST**



USE THE QR CODE OR CONTACT YOUR LOCAL OFFICE TO REGISTER:

- BRACKEN COUNTY: (606) 735-2141
- FLEMING COUNTY: (606) 845-4641
- LEWIS COUNTY: (606) 796-2732
- MASON COUNTY: (606) 564-6808
- ROBERTSON COUNTY: (606) 724-5796

Cooperative Extension Service  
Agriculture and Natural Resources  
Public and Consumer Services  
A US Bank Organization

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT  
Extension programs of Kentucky's Cooperative Extension Service are developed in cooperation with the University of Kentucky and the U.S. Department of Agriculture. Extension programs are provided to the public through the University of Kentucky and the U.S. Department of Agriculture. Extension programs are provided to the public through the University of Kentucky and the U.S. Department of Agriculture. Extension programs are provided to the public through the University of Kentucky and the U.S. Department of Agriculture.



**UK Cooperative Extension Service**

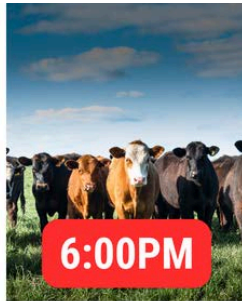
# CATTLE GRADING

**APRIL 22, 2025**

**FARMERS STOCKYARDS**  
255 HELENA RD, FLEMINGSBURG

**Speaker: Mr. Jim Akers**

- Live feeder grading demonstration
- Price determination
- What causes discounts
- Cow condition scoring
- Market outlook



**6:00PM**



**CAIP EDUCATION ELIGIBLE**

USE THE QR CODE OR CALL TO REGISTER

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- MASON COUNTY: (606) 564-6808
- ROBERTSON CO.: (606) 724-5796



**COUNTS FOR 2 HOURS FOR 4-H LIVESTOCK EDUCATIONAL HOURS**



# PRIVATE PESTICIDE APPLICATOR TRAININGS

**JANUARY 31: 8AM-11AM**

**FEBRUARY 6: 5PM-8PM**

**MARCH 21: 11AM-2PM**



**TO REGISTER: CALL (606) 845-4641 OR USE THE QR CODE  
AT FLEMING COUNTY EXTENSION OFFICE**

**DATES DON'T WORK FOR YOU? CONTACT APRIL TO DISCUSS OTHER OPTIONS: APRIL.WILHOIT@UKY.EDU**

**DEADLINE TO REGISTER: 7 DAYS PRIOR TO CLASS  
\*\*CLASSES ARE CANCELLED IF NO ONE REGISTERS\*\***

**UK Cooperative Extension Service**

**UK Cooperative Extension Service**  
Agriculture and Natural Resources

# Eden Shale Farm Tour



**APRIL 25, 2025**  
**10:30AM - TOUR**

**REGISTER NOW**

**CALL US**

- BRACKEN COUNTY: (606) 735-2141
- FLEMING COUNTY: (606) 845-4641
- LEWIS COUNTY: (606) 796-2732
- MASON COUNTY: (606) 564-6808
- ROBERTSON CO.: (606) 724-5796

**ATTENTION PLEASE**

**VAN SPACES ARE LIMITED TO THE FIRST 11 PEOPLE THAT REGISTER & REQUEST A SEAT IN THE VAN.**

**FOLKS CAN ALSO DRIVE & MEET US AT EDEN SHALE THAT DAY.**

**\*\*IF RIDING IN THE COUNTY VAN- DEPARTURE TIMES WILL VARY BY LOCATION\*\***

**REGISTRATION REQUIRED BY: APRIL 4, 2025**



**Please pre-register for all educational programs so we can plan accordingly.  
Thank you!**



# TOBACCO GAP TRAINING

 Cooperative Extension Service

**GAP**  
CONNECTIONS

▶▶▶▶▶▶▶▶▶▶  
**March 12, 2025**  
**6:00PM**

MASON COUNTY EXTENSION OFFICE  
800 US-68, MAYSVILLE, KY

TO REGISTER USE THE QR CODE OR CALL YOUR LOCAL EXTENSION OFFICE.



- BRACKEN COUNTY: (606) 735-2141
- FLEMING COUNTY: (606) 845-4641
- LEWIS COUNTY: (606) 796-2732
- MASON COUNTY: (606) 564-6808
- ROBERTSON CO.: (606) 724-5796

**\*\*BE SURE TO BRING YOUR TOBACCO GAP CARD WITH YOU\*\***



# FLEMING COUNTY NO-TILL DRILL

 Cooperative Extension Service

**NEW DATE!**

**CALIBRATION TRAINING**

**MARCH 6, 2025**  
**4:30PM**  
**COUNTY GARAGE**



REGISTER BY 3/5/25 BY QR CODE, OR CALL (606) 845-4641

Cooperative Extension Service  
Agriculture and Natural Resources  
Rural and Community Relations  
218 West Transportation  
Community and Economic Development

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT  
Extension programs of this Cooperative Extension Service are conducted in cooperation with the county, and will be conducted on the basis of no other action or legal, financial, or other obligation of any kind, and will be provided on a non-exclusive basis. This program is provided as a service to the community and is not intended to be used for any other purpose. This program is provided as a service to the community and is not intended to be used for any other purpose. This program is provided as a service to the community and is not intended to be used for any other purpose.



The Martin-Gatton 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 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.

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, Martin-Gatton College of Agriculture, Food and Environment, University of Kentucky, Room S-105, Agriculture Science Building, North Lexington, Kentucky 40546.

the UK Office of 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.

## UK Beef Management Webinar Series

Registration is necessary, however, if you received this email directly from Darrh Bullock then you are already registered. If you received this from another source, or 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



Cooperative  
Extension Service

## BACKYARD APPLE & PEAR TREE CARE



**MONDAY, MARCH 17**

**6:00PM**

VIA ZOOM OR **\*\*WATCH PARTY\*\***

CONTACT YOUR LOCAL EXTENSION OFFICE TO SEE IF A  
\*\*WATCH PARTY\*\* IS OFFERED



CALL: (606) 845-4641  
OR USE THE QR CODE  
TO REGISTER

**DEADLINE TO REGISTER: 3/14/25**



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Extension Service



## 2025 FARMERS MARKET EDUCATION PROGRAM

HOSTED BY THE BUFFALO TRACE COUNTY AREA UK COOPERATIVE EXTENSION OFFICES



**6:00PM**

AT FLEMING COUNTY EXTENSION OFFICE  
OR VIA ZOOM OR **\*\*WATCH PARTY\*\***

**\*\*Check local office to verify watch party option\*\***

- **FEBRUARY 18** PRODUCE BEST PRACTICES TRAINING
- **MARCH 25** SENIOR/WIC FARMERS MARKET NUTRITION PROGRAM TRAINING
- **APRIL 8** HOMEBASED PROCESSOR DO'S & DON'TS
- **APRIL 29** PARTNERING GROUPS-HOW THEY CAN HELP

USE THE QR CODE OR CONTACT YOUR  
LOCAL OFFICE TO REGISTER:

BRACKEN COUNTY: (606) 735-2141  
FLEMING COUNTY: (606) 845-4641  
LEWIS COUNTY: (606) 796-2732  
MASON COUNTY: (606) 564-6808  
ROBERTSON COUNTY: (606) 724-5796



**REGISTER BY: FEBRUARY 14TH**



# ORDER FORM

NO: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CUSTOMER: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ EMAIL: \_\_\_\_\_

ITEM	QTY	PRICE	TOTAL
APPLE: CRIMSONCRISP		\$25.00	
APPLE: RUBYRUSH		\$25.00	
APPLE: MOSAIC™		\$25.00	
PEAR: HARROW SWEET		\$25.00	
PEAR: SHENANDOAH		\$25.00	
PEAR: SUNRISE		\$25.00	
*LIMITED TREES AVAILABLE*			

NOTES \_\_\_\_\_ GRAND TOTAL \_\_\_\_\_  
 Payment by check or exact cash only. TAXES INCLUDED IN PRICE \_\_\_\_\_  
 Please make checks payable to: **Fleming County Extension Service**

Fleming County Extension Service | 1384 Elizaville Rd, PO Box 192 | (606) 845-4641  
 Flemingsburg, KY 41041

## APPLES

*The CrimsonCrisp will pollinate the mosaic and rubyrush and the mosaic and rubyrush will pollinate the crimsoncrisp - so if someone purchasing trees that does not already have apple trees - they will want to purchase 2 different ones to ensure pollination. The Crimsoncrisp does not do well pollinating early blooming varieties, so keep that in mind when thinking about pollinating trees that you may already have.*

### CRIMSONCRISP®

CRIMSONCRISP® IS MEDIUM IN SIZE WITH A VERY ATTRACTIVE CRIMSON RED COLOR OVER 95% OF THE FRUIT SURFACE. CRIMSONCRISP® HAS A VERY FIRM, CRISP TEXTURE WITH A TART, COMPLEX FLAVOR. THE TREE IS VERY GROWER FRIENDLY WITH A SPREADING HABIT, FRUITING THROUGHOUT THE TWO- AND THREE- YEAR OLD BRANCHES. THE FRUIT MATURES IN MID-SEASON AND WILL KEEP IN COLD STORAGE FOR SIX MONTHS. CRIMSONCRISP™ IS A REGISTERED TRADEMARK OF PURDUE RESEARCH FOUNDATION.

### RUBYRUSH™

AN EXCITING NEW RELEASE FROM THE APPLE BREEDING PROGRAM AT RUTGERS UNIVERSITY/ NEW JERSEY AGRICULTURAL EXPERIMENT STATION (NJAES). THIS SELECTION IS A GOLDRUSH X ENTERPRISE CROSS SELECTED FOR ITS SCAB-RESISTANT TRAITS. RUBYRUSH™ ALSO EXHIBITS EXCELLENT RESISTANCE TO FIRE BLIGHT AND CEDAR APPLE RUST. THE FRUIT IS JUICY AND AROMATIC WITH A DESIRABLE CRISP TEXTURE. THE TREE IS VIGOROUS AND SHOULD BE THINNED TO AVOID BIENNIAL BEARING.

### MOSAIC™

MOSAIC™ IS A NEW SCAB-RESISTANT SELECTION OUT OF THE CIV BREEDING PROGRAM IN ITALY. IT CAN BE PICKED GREEN LIKE GRANNY SMITH, OR IF YOU LET IT HANG, IT WILL TURN SOLID YELLOW AND WILL HANG VERY LATE INTO THE SEASON WHILE STILL MAINTAINING ITS FIRMNESS. IT CONSISTENTLY PRODUCES HIGH YIELDS, AND IT STORES WELL, EVEN IN REGULAR COLD STORAGE. LATE-SEASON HARVESTED MOSAIC™ HAVE MAINTAINED THEIR FIRMNESS THROUGH MARCH IN REGULAR COLD STORAGE.  
 IMPORTANT NOTE: MOSAIC™ FRUIT CAN DEVELOP A STRONG BLUSH ON THE SUN-EXPOSED SIDE, ESPECIALLY IN YEARS WITH COOLER TEMPERATURES.

## PEARS

*Any combination of the pears will pollinate one another.*

### HARROW SWEET

A LATE-SEASON PEAR DEVELOPED BY THE HARROW RESEARCH STATION IN ONTARIO, CANADA, HARROW SWEET RIPENS APPROXIMATELY THREE WEEKS AFTER BARTLETT. THIS VARIETY HAS SHOWN VERY GOOD RESISTANCE TO FIRE BLIGHT. THE FRUIT SIZE AND APPEARANCE ARE SIMILAR TO THAT OF BARTLETT; HOWEVER, HARROW SWEET DOES DEVELOP AN ATTRACTIVE BLUSH. TREES SHOULD BE THINNED TO MAINTAIN FRUIT SIZE AND AVOID BIENNIAL BEARING.

### SHENANDOAH

ANOTHER RELEASE FROM USDA AND OSU, SHENANDOAH HARVESTS APPROXIMATELY THREE WEEKS AFTER BARTLETT. FRUIT SIZE IS LARGE WITH TRADITIONAL SUB-ACID PEAR FLAVOR. BLIGHT RESISTANCE IS GOOD AND SIMILAR TO THAT OF SECKEL. SHENANDOAH STORES VERY WELL FOR UP TO FIVE MONTHS WITHOUT BREAKING DOWN.

### SUNRISE

A DISEASE-RESISTANT PEAR INTRODUCED BY USDA-ARS AND OSU, SUNRISE HAS SHOWN IMPRESSIVE RESISTANCE TO FIRE BLIGHT. THE FRUIT COLOR IS YELLOW, OFTEN FINISHING WITH A SLIGHT BLUSH AND VERY LITTLE RUSSET. SUNRISE HARVESTS TWO WEEKS BEFORE BARTLETT AND WILL STORE FOR TWO TO THREE MONTHS.

The Urban Forest Initiative (UFI)

# TreeCATs 2025

Collegiate and Citizen Arboriculture Training



Gain knowledge of the trees and greenspaces around us from urban and community forestry experts through a 15 hour course on Zoom and hands-on assignments outdoors

5 Fridays, March 28<sup>th</sup> - April 25<sup>th</sup>, 2-5pm

- Trees and Urban Planning
- Local Tree Canopy Initiatives
- Tree Identification
- Landscape Design and Trees
- Trees and Social Justice
- Tree Health and Care
- Trees and Human Health
- Trees and Climate Resiliency



<https://ufi.ca.uky.edu/treecat>



Apply Today!

Applications close Sunday March 2<sup>nd</sup> 2025



\$220 stipend and certificate of completion  
 Open to students and non-students



# FARM & FAMILY NIGHT

Save the Date:

March 11th, 2025



Presenting our Title Sponsor



Tickets available after February 3rd

Questions? Call (606) 301-6118



WORKFORCE SOLUTIONS

RETURN SERVICE REQUESTED

# Important Dates



- **February 28** | Nuisance Weed Spraying Program Application **\*\*DEADLINE\*\***| KDA Online Form
- **March 6** | No-Till Drill Calibration Training | County Garage | 4:30PM
- **March 8** | Apple Grafting & Pruning Workshop | Fleming Co. Ext. Office | 8:30AM
- **March 11** | Farm & Family Night | MCTC
- **March 11** | UK Beef Management Webinar | Zoom | 8:00PM
- **March 12** | Tobacco GAP Training | Mason Co. Ext. Office | 6:00PM
- **MARCH 14** | **CAIP, YAIP, & NEXT GEN APPLICATION **\*\*DEADLINE\*\*** to Soil Conservation**
- **March 14-15** | Shearing School | Schwartz Farm, Flemingsburg
- **March 17** | Backyard Apple & Pear Tree Care | Zoom | 6:00PM
- **March 17-31** | Garden Seed Giveaway | Fleming Co. Ext. Office | 8:30AM-5:00PM (closed 12-1pm)
- **March 21** | Private Pesticide Applicator Training | Fleming Co. Ext. Office | 11:00AM
- **April 3** | BQCA | Fleming Co. Ext. Office | 8:00AM
- **April 8** | UK Beef Management Webinar Series | Zoom | 8:00PM
- **April 15** | BQCA | Fleming Co. Ext. Office | 5:00PM
- **April 22** | Cattle Grading | Farmers Stockyards | 6:00PM
- **April 25** | Eden Shale Farm Tour