

# THE FARMACY

## OCTOBER NEWS

**UK** Martin-Gatton  
 College of Agriculture,  
 Food and Environment  
 Cooperative Extension Service  
 Scott County  
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# Agent Remarks

September flew by and we have reached October in a hurry. Harvest season is also upon us here in Central Kentucky. Many farmers will be out and about moving equipment. Please be aware of them on the roads.

I know that with the 3 week dry period we had this past month pastures are looking grim. Please take a look at the “Livestock Forage Disaster Program” article on page 3. It discusses FSA relief for forage losses that are caused by drought. Extension is conducting a Community Assessment Survey this fall. The results from this survey are used to determine issues, programs, and initiatives that should be focused on in the community. A link and QR code to the survey can be found on page 8. We would greatly appreciate it if you could take time to complete it!

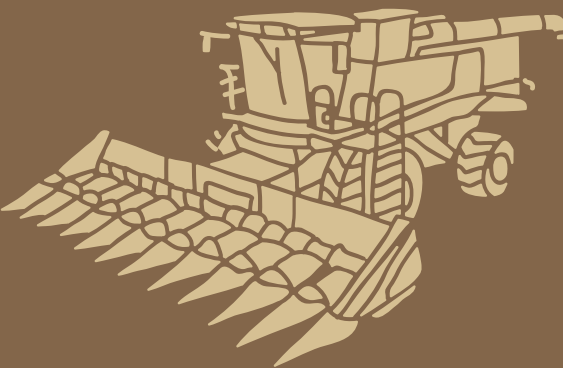
The Central Kentucky ANR Agent group is hosting a Central Kentucky Hay Contest this fall. If you are interested in participating please see the flyer on page 9 or reach out to me.

Stay safe this harvest season.  
 Please reach out if you need anything!




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Cooperative  
 Extension Service

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

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, physical or mental disability or reprisal or retaliation for prior civil rights activity. Reasonable accommodation of disability may be available with prior notice. Program information may be made available in languages other than English.  
 University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.  
 Lexington, KY 40506



# Grain Crops

## Fall 2023 Wheat Planting Decision

-Dr. Greg Halich

Corn harvest is now underway and Kentucky grain farmers will soon decide if and how much wheat they will plant this fall. Compared to last year there are significant decreases in wheat and soybean prices, but also significant decreases in fertilizer and fuel prices. The following analysis quantifies these relative changes to estimate the profitability for crops harvested in 2024. The analysis includes estimated returns comparing double-cropped wheat/soybeans with full-season soybeans for the 2024 crop, and the likely implications for Kentucky grain farmers.

Click [HERE](#) to read more!

## University of Kentucky Grain Gifts

The harvest that keeps on giving. With harvest season in full swing, it is worth noting that you can support the University of Kentucky Martin-Gatton College of Agriculture, Food and Environment by making a gift of grain at a participating grain receiving facility. You designate the amount of grain as a gift by filling out a simple form identifying the college as the beneficiary of the donation. Since you do not receive money for the grain, it is not considered a traditional cash gift so you still have tax benefits.

You do not realize the income from the designated gift of grain so you can still deduct production expenses. The University of Kentucky will acknowledge your gift to confirm its receipt but there will be no acknowledgement for tax purposes and no need for you to report the gift so you receive the full tax benefit. If you have more questions about this opportunity, please contact Ben Conner, Philanthropy Officer for UK MG CAFE, at 859-257-4069 or [benjamin.conner@uky.edu](mailto:benjamin.conner@uky.edu)



## Soil Health, Erosion, and Fall Field Management

-Dr. John Grove & Dr. Brad Lee

Fall harvest has begun and this is a good time to look ahead and plan for better soil health. Soil health has several important aspects, but first and foremost is soil erosion prevention. Soil loss equals topsoil loss and topsoil is where the largest portion of soil and plant biology occurs. Eroded soil is typically higher in the smaller mineral particles (clay, silt) and organic matter/humus – the ‘good things’ that contribute to soil water and nutrient retention/cycling and crop productivity.

Click [HERE](#) to read more!

# Ag Economics and Policy

Each August the USDA releases the results of their survey of farmland values. The survey includes data from approximately 9,000 tracts of land of about one square mile each across the continental United States.

The survey takes place in early June and reports the separate values of cropland and pastureland, and the value of all land and buildings (i.e., farm real estate value). The average farm real estate value is the widely reported farmland value. This year the national average is \$4,080/acre, an increase of 7.4% from 2022. State-level values are also reported. The complete [Land Values 2023 Summary](#) is available from the National Agricultural Statistics Service of USDA.

Click [HERE](#) to read more!

## 2023 Farmland Value

-Dr. Steve Isaacs

## Depreciation Changes 2023

-Suzy Martin

purchases with trade-ins. The Tax Cuts and Jobs Act (TCJA) passed in 2018 had three significant changes to capital purchases and trade-ins.

Click [HERE](#) to read more!

It is important to understand the challenges facing tax preparers when it comes to accelerated depreciation and equipment

## Kentucky Agricultural Leadership Program (KALP)



Nominations open

**KALP  
CLASS 14**

 Martin-Gatton  
College of Agriculture,  
Food and Environment



Future agricultural leaders have an opportunity to further develop their leadership skills and broaden their perspective of agriculture through the [Kentucky Agricultural Leadership Program](#).

This two-year leadership experience is currently accepting nominations for the next class of participants through October 15th. Seminars will begin in February 2024 and Class 14 will graduate in August 2025 to join 332 alumni of earlier classes.

For more information about class 14 or to nominate/self-nominate, click [HERE](#).

Drought conditions have expanded significantly across the Southeast over the past

few months and have forced tough decisions by producers. Many producers in severe drought areas were forced to start feeding hay much in August or September. This affects producer decisions (and costs) now, but also affects decisions for the winter when hay supplies will be needed by many producers.

## Livestock Forage Disaster Program (LFP)

-Josh Maples, Mississippi State University

Click [HERE](#) to read more!

# Forage News

## Fall Grazing Dos and Don'ts

- Amber Friedrichsen

Although it's fall now, KY and many regions of the US are still experiencing the aftermath from an exceptionally dry summer. Even as milder temperatures bring cool-season forages out of their drought-induced dormancy, producers must continue to be mindful about grazing management. A recent article by Craig Shaeffer at Univ. of MN reminded producers to avoid overgrazing, reduce stocking rates, give pastures adequate rest, and control weeds this fall.

Click [HERE](#) to read more!



## Fall Pasture Weed Control

-William Halfman

During fall, these plants are translocating sugars into the root system to prepare for next spring's re-growth. Fall application of systemic herbicides results in abundant translocation of the herbicide to the perennial parts of the plant (roots/rhizomes), which results in excellent weed control. Systemic herbicides enter the plant through its foliage and kill the plant by disrupting normal plant functions.

Some common examples of systemic herbicides include 2,4-D, dicamba, glyphosate, and aminopyralid. While these herbicides can be effective at other times of the year, reduced control is often observed as products are applied when the plant is rapidly growing (e.g. spring) due to poor translocation of the herbicide to the roots/rhizomes below ground.

Click [HERE](#) to read more!



## *Forage Timely Tips: October*

- Feed hay to allow cool-season pastures to accumulate forage growth for winter grazing.
- Do NOT harvest or graze alfalfa fields in Oct.
- Inventory and test each hay lot for nutritive value and consult a nutritionist to design a supplementation program as needed.
- Remove ruminants from pastures that contain Johnsongrass when frost is expected (also sorghum-sudangrass and sudangrass) Even small patches of johnsongrass that have been frost can cause prussic acid poisoning.
- Begin strip grazing early planted small grain and brassicas (turnips and rape) mixes by the end of this month.



## Potato Broccoli Soup

|   |   |   |
|---|---|---|
| <b>4 cups</b> cubed potatoes                | <b>3 cups</b> 2% milk                                 | <b>2</b> green onions, finely minced, divided |
| <b>2</b> heads broccoli, (3-4 cups florets) | <b>¼ teaspoon</b> salt                                | <b>½ cup</b> reduced-fat sour cream           |
| <b>2 tablespoons</b> olive oil              | <b>½ teaspoon</b> pepper                              | <b>¼ cup</b> bacon bits (optional)            |
| <b>¼ cup</b> all-purpose flour              | <b>5 ounces</b> cheddar cheese, reduced-fat, shredded |   |
| <b>⅓ cup</b> melted butter                  |   |   |

**Preheat** oven to 375 degrees F. **Place** potatoes in large saucepan, **cover** with water and bring to a boil. **Reduce** heat and **cook** potatoes until tender, about 15 minutes. **Cut** broccoli heads into small florets and **place** on baking tray. **Drizzle** with olive oil and **roast** for 15 minutes. **Drain** cooked potatoes in a colander. In the saucepan, **combine** the flour and melted butter; **cook** on medium heat for 1 minute. Slowly **add** milk to the mixture, stirring constantly until thickened. Soup can be thinned by adding an additional

½ cup of milk or water, if desired. **Add** the potatoes, broccoli, salt, pepper, cheese, half of the green onions and bacon bits. **Cook** on low until heated. A few minutes before serving, **add** the sour cream and **stir** to combine. **Serve** topped with remaining onions.

**Yield:** 6, 1¼ cup servings

**Nutritional Analysis:** 390 calories, 24 g fat, 13 g saturated fat, 60 mg cholesterol, 370 mg sodium, 30 g carbohydrate, 3 g fiber, 9 g sugars, 15 g protein.

# Conservation Corner

Here are some ways the Scott County Conservation District can help you!

## Backyard Conservation

Programs Include:

- Plant a Tree - 50% cost-share up to \$100
- Pollinator Plot - 50% cost-share up to \$100
- Rain Barrel Kit - 50% cost-share up to \$25.00
- Garden Cover Crop - Free bags of wheat seed

**Scott County Conservation District**  
 100 E Penn Ave (M-F 9:00 - 2:00pm),  
 502-863-2466, [scottcountycd@yahoo.com](mailto:scottcountycd@yahoo.com)

## Local Cost Share

Programs Include:

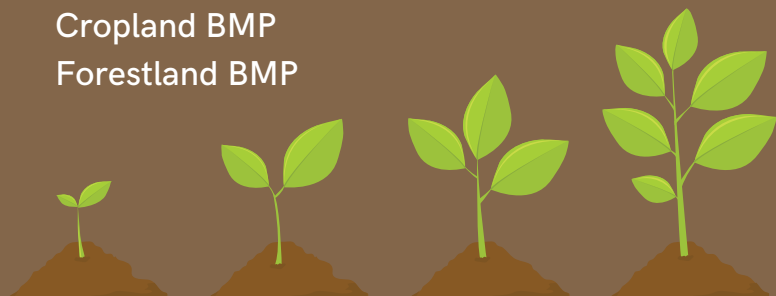
- Gateway, Barn Entrance & Heavy Traffic Corridor Erosion Control Program
- Pipeline and Waterer Cover Crop
- Pasture Renovation

## State Cost Share

Applications accepted for 2024 funding until October 30, 2023

4 Areas of Interest:

- Livestock - Animal Feeding Operations (AFO)
- Livestock - Pastureland BMP
- Cropland BMP
- Forestland BMP



# Livestock



## Breeding Season Preparations for Sheep Flocks

-Melanie Barkley

There are a few key management aspects that are critical as part of the breeding season preparations. These include evaluating body condition, flushing the ewes, conducting a ram breeding soundness exam, and considering aspects that promote embryonic survival.

Click [HERE](#) to read more!

## Fall Fescue Control in Horse Pastures

-William W. Witt

Managers on Kentucky horse farms prefer pastures used for grazing pregnant mares to be composed of Kentucky bluegrass and orchardgrass and little, if any, tall fescue. Most of the tall fescue in Kentucky pastures is "KY 31," and essentially all of that species contains the natural race of the endophytic fungus *Neotyphodium coenophialum*. This fungus is implicated in late-term pregnancy problems, such as an increase in gestation, dystocia (difficult birth), and agalactia (failure to produce milk). Horse farm managers prefer to remove tall fescue and other problematic and unsightly weeds from the pasture.

Click [HERE](#) to read more!

## Will you Capitalize on Increasing Cow Value?

-Aaron Berger, Nebraska Extension Beef Educator

What a difference a year makes when it comes to cow prices! Whether it is weigh up cows at \$1.10 per pound or young bred heifers and cows pushing \$2,500 - \$3,000 per head, the recent rise in prices has been dramatic. Many cow-calf producers will sell calves this fall and make a solid profit. For areas that have received rain and forage is available, this will encourage retaining of heifers and the rebuilding of cowherds that have been reduced due to drought. The motivation of many will be to keep and acquire as many bred cows as possible to produce more high dollar calves.

Click [HERE](#) to read more!



# Wildlife

## Deer Hunting

Kentucky Department of Fish and Wildlife

Zero to a million in 100 years. While that may sound slow to SpaceX, the story of Kentucky's rocketing deer herd growth is an amazing success story. Today, Kentucky is a top-10 state for hunters seeking that trophy buck. The herd also is substantial enough to support the harvest of more than 130,000 deer each year. That's a lot of venison for the table.

This success story is brought to you by Kentucky Fish and Wildlife's long and storied history of sound, science-based deer management. Nowadays, hunters are the primary managers of the state's deer herd. The department's guidelines maximize opportunities for hunters while helping to balance deer herd numbers through carefully considered zones and bag limits. Read on for more information about deer hunting in Kentucky.

Click [HERE](#) to read more!



## Tips to Pest Proof Your Home for Winter

-Zach DeVries, UK Extension Entomologist

We are not the only creatures that retreat indoors when the temperatures begin to drop. During this time of the year, many rodents and insects will start entering homes looking for a warm place to spend the winter. Below are some tips to keep them outdoors. Most hardware and home improvement stores will carry the tools and materials you need to get started.

Click [HERE](#) to learn more!



# THIRD THURSDAY THING

Every third Thursday of the month,  
January through November, at 10 a.m. ET

~~January 19: USDA Farm and Home Loans | Natural Resource Management~~

~~February 16: Organic Agriculture~~

~~March 16: Small Ruminants~~

~~April 20: Pest Control | NRCS Programs~~

~~May 19: Aquaculture~~

~~June 15: Farmers Markets | Juneteenth Celebration~~

~~July 20: Fencing | Pastured Poultry~~

~~August 17: Sustainable and Organic Agriculture~~

~~September 21: Pawpaw~~

**October 19: Small Ruminants**

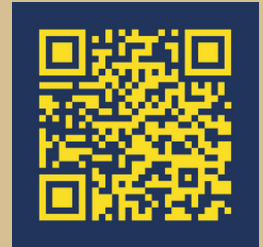
**November 16: Small Farms Conference**

Join us in person at the Harold R. Benson  
Research and Demonstration Farm or online  
at [YouTube.com/kysuag/live](https://www.youtube.com/kysuag/live)



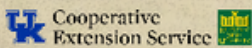
This institution is an equal opportunity provider.

# October Events



Community Assessment  
Survey Link

Scan to the QR code or click the  
link above to participate in the  
Extension Community Assessment  
Survey. This will allow agents and  
staff to better serve the Scott  
County community!



# FEEDER CALF GRADING SCHOOL

OCTOBER 12<sup>TH</sup>

EVER WONDER WHY  
YOUR NEIGHBORS  
CALVES MAY HAVE SOLD  
MORE THAN YOURS?  
—  
WANT TO MAKE MORE  
PROFIT?  
—  
WANT TO KNOW THE  
SECRET OF WHAT THE  
BUYERS ARE LOOKING  
FOR?  
—  
THEN THIS IS FOR YOU!

Please RSVP for the  
meal by Oct. 9th  
Owen County  
Extension Office  
502-484-5703

United  
**Producers, Inc.**  
United Producers Owenton Livestock Market  
86 Bramblett Ln  
Owenton KY 40359

MEAL 6PM  
PROGRAM 6:30  
Sponsored by Boehringer  
Ingelheim



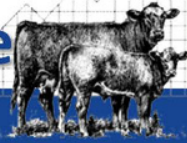
# Grazing Conference

Low Stress Livestock Handling for Serious Graziers

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

"Today's Challenges, Tomorrow's Opportunities"

## Kentucky Beef Conference



October 31, 2023

Elizabethtown

Hardin County Extension Office  
7:30 AM - 3:30 PM CDT

November 1, 2023

Lexington

Fayette County Extension Office  
7:30 AM - 3:30 PM EDT

October 26, 2023

CAIP  
Eligible

In person

Clark County Extension Office  
1400 Fortune Dr  
Winchester, Kentucky 40391

9:00—10:00

Registration, visit  
sponsors

\$10 registration fee

RSVP by October 20th  
to Clark County  
Extension Office  
859.744.4682

10:00—Welcome & Sponsor Recognition  
Levi Berg, Clark County Agriculture &  
Natural Resources Extension Agent

University of KY Remarks & Welcome

Dr. Scott Radcliffe, UK CAFÉ Animal & Food  
Sciences Department Chair

Beef Outlook & Marketing Strategies

Troy Applehans, Cattle-FAX Analyst

11:00— Fecal Egg Count Reduction Test

Dr. Jeff Lehmkuhler, UK Beef Nutrition  
Extension Specialist and Dr. Michelle Arnold,  
UK Ruminant Extension Veterinarian

11:30— Tools for Beef Producers

Dr. Les Anderson, UK Beef Extension  
Specialist

12:00 Lunch

1:00— LRP & Price Risk Protection

Dr. Kenny Burdine, UK Beef Economic  
Extension Specialist

2:00—Adjourn



Reducing Livestock Stress in Grazing Systems

Curt Pate, Curt Pate Stockmanship



Fencing for Multi-Species Grazing

Lewis Sapp, Stay-Tuff Fence

CAIP  
Eligible



Designing Flexible Watering Systems

Jeff Lehmkuhler, University of Kentucky



Designing Livestock Handling Facilities for  
Existing Structures

Chris McBurney, McBurney Livestock Equipment



Local Producers and Spokesperson Contest



Optimizing Resources with Multi-Species  
Grazing

Greg Brann, Greg Brann Consulting

For more information please visit [KFGC.ORG](http://KFGC.ORG)

Deadline to  
Register for  
the Central  
Kentucky  
Hay Contest  
is October  
20th!

## 2023 CENTRAL KENTUCKY HAY CONTEST

Is your hay the best?

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

Free analysis to determine hay  
quality and livestock needs.



Scan the QR code  
or call [502-863-0984](tel:502-863-0984)  
to sign up.



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

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

**WHEN:** November 7-Scott County, KY  
November 9-Caldwell County, KY

**WHERE:** Scott County Extension Office  
1130 Cincinnati Road  
Georgetown, KY 40324

Kentucky Soybean Board Office  
1000 Highway 62 West  
Princeton, KY 42445



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

**Registration DEADLINE:** 1 week prior to workshop

**ONLINE Registration with Credit Card:**

\_\_\_\_\_ Georgetown, KY [Register for KY Fencing School in GEORGETOWN](#)

\_\_\_\_\_ Princeton, KY [Register for KY Fencing School in PRINCETON](#)



\*\*\*\*\*

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

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

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

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

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

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



**Make CHECKS payable to: KFGC**

For more information contact Krista Lea at 270-625-0712 or [Christi.Forsythe@uky.edu](mailto:Christi.Forsythe@uky.edu)

**2023 Kentucky Fencing Schools**



**14**  
**OCTOBER**  
**2023**

# 2023 KY ANNUAL PRODUCER CONFERENCE

• **Boyle County Extension Office** •  
99 Corporate Dr, Danville, KY 40422



Keynote Speaker  
Dr. Braden Campbell.  
The Ohio State  
University

## CONFERENCE HIGHLIGHTS

- Pre-Conference Workshops
  - Parasitology Clinic
  - Exploring Fiber Tools
- Market Trends with Jason Wachter
- Being Practical and Efficient in: Forages, Minerals, & Feeding – Dr. Braden Campbell
- Kentucky Forage Testing
- KGPA and KSWPA Association Meetings



Jason Wachter,  
Kentucky Department  
of Agriculture

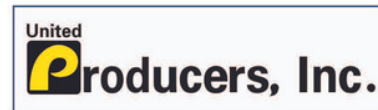
**CAIP**  
**Eligible**

**Cost: \$30/single; \$50/couple – LUNCH IS PROVIDED!**  
**Registration 8:00 a.m. (EST) • Program starts at 9:00a.m.**  
*(be sure to renew your membership with registration)*

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

## **FOR SPONSORSHIP INFORMATION**

[www.kysheepandgoat.org/product-page/ky-annual-producer-sponsor](http://www.kysheepandgoat.org/product-page/ky-annual-producer-sponsor)



**DOOR PRIZES & NETWORKING OPPORTUNITIES**

# University of Kentucky presents 2023 Fall Crop Protection Webinar Series

Beginning Nov. 2, 2023, the University of Kentucky Martin-Gatton College of Agriculture, Food and Environment will present a series of four webinars covering field crop protection. Hosted through the Southern Integrated Pest Management Center, the webinars will feature UK extension pest management specialists discussing weed science, plant pathology and entomology topics. Continuing education credits for Kentucky pesticide applicators and Certified Crop Advisors will be available.

The Thursday morning webinars will take place via Zoom at 10 a.m. EST/ 9 a.m. CST, and pre-registration is required for each webinar. The webinars are open to agriculture and natural resource County extension agents, crop consultants, farmers, industry professionals, and others, whether they reside or work in Kentucky or outside the state.



**Dr. Kiersten Wise**

**Webinar #1: *Do multiple corn fungicide applications pay?***

**November 2, 2023**

**Registration: [https://zoom.us/webinar/register/WN\\_CfQFt0dQSnq5ifdnaSre7A](https://zoom.us/webinar/register/WN_CfQFt0dQSnq5ifdnaSre7A)**



**Dr. Carl Bradley**

**Webinar #2: *What have we learned from nearly two decades of research on soybean with foliar fungicides?***

**November 9, 2023**

**Registration: [https://zoom.us/webinar/register/WN\\_3SvKPhEDSSWcYhnUnLrvsQ](https://zoom.us/webinar/register/WN_3SvKPhEDSSWcYhnUnLrvsQ)**



**Dr. Travis Legleiter**

**Webinar #3: *Managing the offensive spread of weeds***

**November 16, 2023**

**Registration: [https://zoom.us/webinar/register/WN\\_SIOzGyibQiOk4A6pTRHGmw](https://zoom.us/webinar/register/WN_SIOzGyibQiOk4A6pTRHGmw)**



**Dr. Raul Villanueva**

**Webinar #4: *Occurrence of insect in field crops during two years of partial drought and heat wave***

**November 30, 2023**

**Registration: [https://zoom.us/webinar/register/WN\\_AqvCh08TQGCAJXvKxqdwFA](https://zoom.us/webinar/register/WN_AqvCh08TQGCAJXvKxqdwFA)**

**CAIP  
Eligible**