



# THE FARMACY

## JULY NEWS

**UK** Martin-Gatton  
College of Agriculture,  
Food and Environment  
Cooperative Extension Service  
Scott County  
1130 Cincinnati Rd  
Georgetown KY 40324-8934  
(502) 863-0984  
Fax: (502) 863-2392  
extension.ca.uky.edu

## Agent Remarks

It's hard to believe that it is already July. I feel like this summer is flying by and everyone is working on playing catch up from all of the rain that we got late spring into early summer. Check out a really interesting article on page 7 about the historical rain fall that we have seen this spring. It really puts into perspective what farmers have been struggling with all spring.

I know there is also a lot of uncertainty right now due to political policy and changes. The American Farm Bureau wrote a great article about how the newly passed Big Bill will effect agriculture and what that may mean for producers in the next few years. That article can be found on page 3.

Lastly, be sure to check out the information on page 6 covering all things livestock right now. It includes a great article about the threat of the New World Screw Worm, some tips on mitigating heat stress in livestock, and pinkeye management. It is all very pertinent information that I think many of you will find useful.

Have a great July!

Stay safe!

Brittany

*Brittany L. B...*  
**UK Ag**  
**EXTENSION**



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Lexington, KY 40506





## Foliar Fungicide Considerations for Soybeans

-Carl Bradley

As full-season soybean fields in Kentucky approach the R3 (beginning pod) developmental stage, it generally is time to consider an application of a foliar fungicide to protect against foliar diseases. Rainfall is an important factor to consider when making a foliar fungicide application decision, as high rainfall accumulation is one of the main drivers that can increase the risk of foliar diseases. Besides rainfall, the risk of foliar diseases also is affected by other factors such as the soybean variety planted and the cropping history in a field.

Click [HERE](#) to read more!



Photo by Carl Bradley, UK

## How can Crop Marketing and Crop Insurance go Together?

-Hunter Biram, Andrew McKenzie, & Chandan Bhattarai

Forward contracting allows producers to mitigate price risk by securing a predetermined price and buyer for their grain. This approach can be especially attractive due to the potential weather risk premium embedded in forward contract grain prices. Buyers are often willing to pay higher prices to hedge against weather-related uncertainties affecting crop production, which allows farmers to lock in favorable prices and potentially increase their revenue. However, it's crucial to note that while forward contracting addresses market risk, it does not directly mitigate production risk. Aggressive use of forward contracting can expose farmers to unexpected yield risk as farmers may be unable to meet contracted quantities, leading to non-delivery penalties imposed by elevators and potentially substantial financial losses.

Click [HERE](#) to read more!





# Ag Economics and Policy

## **One Big Beautiful Bill Act: Agriculture Provisions**

-American Farm Bureau

The House of Representatives' advancement of H.R.1, the "One Big Beautiful Bill Act," marks a significant step toward restoring longer-term certainty for farmers and ranchers after a series of short-term extensions of the 2018 farm bill. Reconciliation is a special legislative process that allows certain budget-related bills to pass with a simple majority in the Senate, bypassing the filibuster, making it a powerful tool for enacting key priorities. The bill combines several Farm Bureau-supported provisions, across commodity programs and tax policy, into one comprehensive package.

Click [HERE](#) to read more!



## **Cowheard Expansion is Not the Only Way to Capitalize on a Strong Calf Market**

-Kenny Burdine



Much has been written recently about the strength of the current cattle market. With beef cow inventory at a 60+ year low and demand being very strong, cow-calf operations are clearly in the driver's seat. Calf values are more than double what they were three years ago, which speaks to considerable opportunity for cow-calf operators to invest in their cowherds. Expansion is often the first opportunity that comes to mind in a strong calf market and there is likely merit in expansion, if doing so is consistent with the goals of the operation.

Click [HERE](#) to read more!

# Forage News

## Pub of the Month- Tall Fescue Novel Endophyte Varieties....

-UKY Forages

This publication outlines the value of novel endophyte tall fescue and provides an overview of the currently available varieties. Most importantly it provides clear guidelines for converting pastures from toxic to novel endophyte tall fescue during each season of the year. These basic guidelines are listed below.

Click [HERE](#) to read more!



## Words of Wisdom from Jim Gerrish

-Summarized by Nat Colten

When Jim Gerrish received the UK Plant and Soil Sciences distinguished alumni award on April 4 he also gave a seminar entitled "Seven Things I Have Learned About Profitable Ranching Over The Last 45 Years." Chris has now uploaded this seminar to the UK Forage YouTube channel. In addition to the seminar and recognition, Jim also led a forum for leaders in the forage industry in KY the morning of April 4.

Click [HERE](#) to read more!



## *Forage Timely Tips*

- Do NOT graze cool-season pastures closer than 3 to 4 inches. This will help conserve soil moisture and prevent overheating of the crowns.
- If drought conditions limit pasture growth, close off pastures and feed hay in a sacrifice area.
- Graze warm season annuals or perennials to allow cool season grasses to recover and to avoid endophyte-infected fescue.
- After the first good rain in August, seed winter annuals (such as small grains, ryegrass, crimson clover and brassicas) for late fall and early spring grazing.
- Plant alfalfa after the first good rain in August to allow sufficient size going into winter and reduce potential for sclerotinia damage.
- Consider renovation of cool-season grass pastures that have thinned.



JULY

RECIPE



## Farmer's Market Skillet Bake

**½** small onion, finely chopped  
**2** cloves garlic, minced  
**4-5** small red potatoes, sliced  
**1** **tablespoon** olive oil

**2** **cups** shredded mozzarella cheese, divided  
**1** medium summer squash, sliced  
**1** medium zucchini, sliced

**4** medium sized tomatoes, sliced  
**1** **teaspoon** salt  
**1** **teaspoon** pepper  
**5** fresh basil leaves, finely chopped, divided

**Preheat** oven to 375 degrees F. **Prepare** onion, garlic and sliced potatoes (about ¼ inch thick). **Heat** olive oil over medium heat in a 10 or 12-inch oven safe skillet. **Add** onion, garlic, and potatoes to pan and **stir** to coat with oil. **Cook** over medium heat, **stirring** occasionally until golden brown and tender. **Add** 1 cup mozzarella cheese. In a bowl, **toss** together the squash, zucchini and tomatoes with salt, pepper, and half of the finely chopped basil. **Layer** squash

and tomato slices over the potato and cheese layer. **Top** with remaining mozzarella cheese. **Bake** 35 minutes or until vegetables are tender and cheese is melted. **Remove** skillet from oven and **top** with remaining basil.

**Yield:** 8, 1 cup servings

**Nutritional Analysis:** 200 calories, 8 g fat, 4 g saturated fat, 20 mg cholesterol, 490 mg sodium, 24 g carbohydrate, 3 g fiber, 5 g sugars, 10 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:

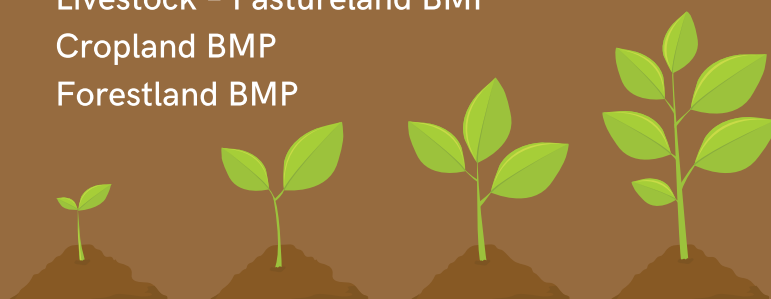
- Gateway, Barn Entrance & Heavy Traffic Corridor Erosion Control Program
- Pipeline and Waterer
- Cover Crop
- Pasture Renovation

### State Cost Share

Applications accepted for 2026 funding until October 30, 2025

4 Areas of Interest:

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



# Livestock

## The New World Screwworm: Texas is at Risk but what about Kentucky (and the Midwest)?

-Dr. Michelle Arnold



The New World screwworm (NWS, *Cochliomyia hominivorax*) is a blow fly that is native to the Western Hemisphere. Unlike most species of blow flies, adult female screwworms do not lay eggs on dead and decaying flesh. Instead, they lay eggs on living mammals at the borders of fresh wounds or at the edge of body orifices. The larvae (maggots) feed on the host's living flesh, causing extensive damage by tearing at the host's tissue with sharp mouth hooks.

Click [HERE](#) to read more!

## Preparation is Key in Protecting Ruminant Livestock from Heat Stress

-Rachel Gibbs, Jake Galbreath, & Dominic Erickson



Extension livestock specialists encourage livestock owners to monitor weather forecasts and anticipate when conditions may pose a significant risk to livestock. Such conditions exist when above-average temperatures collide with increased humidity. These conditions are expected to hit many parts of North Dakota this weekend, with many cities experiencing temperatures 5 to 10 degrees Fahrenheit higher than reported averages for this time of year.

Click [HERE](#) to read more!

## Managing and Preventing Pinkeye

-Sandra Stuttgarten

Preventing traditional summer pinkeye in cattle involves eliminating the many eye irritations listed in this report. Identifying and taking steps to resolve physical hazards in your operation, including face fly control, may be more effective than pinkeye vaccinations. Offer protection from the sunlight by providing adequately sized shade and allow cattle to graze at night when face flies are not active.

Click [HERE](#) to read more!





# NATURAL RESOURCES

## Exceptionally Wet Start to 2025 in Kentucky

-Matt Dixon

Meteorological spring officially came to a close at the end of May—and what a wet season it was! Following the second-wettest April on record, May continued the trend with consistent rainfall across the state. The official statewide average came in at 6.75 inches, which is 1.66 inches above normal, tying it for the 14th wettest May on the 131-year record.

Click [HERE](#) to read more!



## Mosquitoes: Practical Advice for Homeowners

-UK Department of Entomology

Mosquitoes can make life miserable. Many recreational and work activities have been ruined by the constant annoyance and irritation caused by their bites. Also, some species can transmit serious diseases. While more than 50 mosquito species can be found in the Commonwealth, only a few are a significant nuisance and/or public health threat.

This publication explains how and where mosquitoes breed and what can be done to reduce their numbers in and around the home and to protect yourself from bites.

Click [HERE](#) to read more!



# 2025 CENTRAL KENTUCKY HAY IMPROVEMENT PROGRAM

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.

Call your local  
Extension Office to  
sign up.



 **Martin-Gatton**  
College of Agriculture,  
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**DEADLINE TO REGISTER:  
September 29**

## July Events



**Kentucky  
State Fair**  
August 14th - 23rd  
at  
the Kentucky State  
Fair Grounds  
Click [HERE](#) for a  
detailed schedule!

**All About Goats! Webinar**

JOIN EXTENSION AND INDUSTRY PROFESSIONALS FOR THE FALL 2025 SERIES



### **Goat Health and Care** Sept. 22

During this session, Extension Specialist, Dr. Brady Campbell, will review proper care for goats of all ages and explain how to help keep them healthy and continue production.

### **Farm Business and Management** Oct. 6

Extension Specialist, Eric Richer, and Extension Educator, Pressley Buurma, will help guide participants in farm management strategies and provide options for enterprise budgeting and record keeping as it relates to goat production.

### **Goat Processing** Oct. 20

Throughout this presentation, Extension Specialist, Dr. Lyda Garcia, will explain the cuts of a carcass and how to process a goat at home.

### **Livestock Marketing** Nov. 3

Join us as Extension Specialist, Garth Ruff, discusses the ins and outs of the goat market. He will also discuss how to market goats to fill the current wants and needs of the customers.

### **Hay and Grain Production** Nov. 17

Throughout this session, Extension Educator, Jordan Penrose, will present tips and tricks on hay and grain production for goats as well as what type of crops would work best for your production system.

### **Coyote Management** Dec. 1

This session is going to focus on how to manage interactions between coyotes and goats. Experts will also explain the current status of coyote research in Ohio.

### **Open Forum: Ask Me Anything** Dec. 15

Have a burning question that was not answered during one of our past webinar sessions? Join Extension Educators and Specialists to get your questions answered!

Webinars are hosted via Zoom (7-8 p.m. EST). Register at:

[go.osu.edu/allaboutgoats25](https://go.osu.edu/allaboutgoats25)



**THE OHIO STATE  
UNIVERSITY**  
EXTENSION



# SURVIVING HIGH PRICE\$

## WEBINAR SERIES



**WEDNESDAYS: 2-3 P.M. ET | 1-2 P.M. CT | 12-2 P.M. MT | 11-12 P.M. PT**

Join us for a 6-week series to learn about & discuss the uniqueness of the current cattle cycle so we can better understand how to help our producers manage their operations through record-high prices!

Speakers will include Extension economists and specialists from across the United States.

DATES	TOPICS
September 10	Industry Margins & Beef Demand
September 17	Differences in this Cattle Cycle & Import Dynamics
October 1	Risk Management & What To Do With Profits
October 8	Operation Resiliency & Contract Grazing
October 22	Integrated Crop-Livestock Systems & How Not to Need a Hay Baler
October 29	Defining "Better Genetics" & Economics of Reproduction Strategies

Visit this link or scan the QR Code to register: [bit.ly/register-for-SHPwebinar](https://bit.ly/register-for-SHPwebinar)



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**UNIVERSITY OF ARKANSAS**

**TEXAS A&M**  
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EXTENSION

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# **2025 KY Grazing Conference East**

## **October 28, 2025 - Winchester, KY**



Kentucky Master Grazer  
Educational Program

# **Intermediate Grazing School**

## **Sept. 24-25, 2025 - Versailles, KY**



Kentucky Master Grazer  
Educational Program