

# THE FARMACY

## AUGUST NEWS

**UK** Martin-Gatton  
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# Agent Remarks

July has flown by and I can feel summer winding down with back to school things and State Fair quickly approaching. Our office had a busy July from Farm City Field Day to 4-H Camp. However, we are quickly gearing up for State Fair in Louisville at the end of the month.

With fall quickly approaching be sure to consider heavy farm equipment traffic on roadways. Roughly 15,000 farm equipment crashes with motor vehicle accidents happen a year (National Institute for Occupational Safety and Health). This accidents commonly results in great injury or death. Please be sure to slow down and take your time this fall.

Be sure to check out some of the great programs coming to Scott County and surrounding counties this fall. They are located on pages 8 - 10. Some of them include Master Cattlemen, Central Kentucky Hay Contest, Legacy Luncheons, and an AI School. Be sure to check them out. If you're interested make sure to RSVP by the deadline on the flyer.

Let me know if you need anything and stay safe this August!

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Cooperative Extension Service

Agriculture and Natural Resources  
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 4-H Youth Development  
 Community and Economic Development

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



# Crops

## Preparing Western Kentucky for Southern Rust in Corn

-Kentucky Pest News

Western Kentucky will receive rainfall from tropical storm Beryl this week, and there are concerns that this storm will bring with it an unwanted disease, southern rust of corn, caused by the fungus *Puccinia polysora*. This fungus does not overwinter in Kentucky, and spores blow north each year on wind and storms.

Click [HERE](#) to read more!

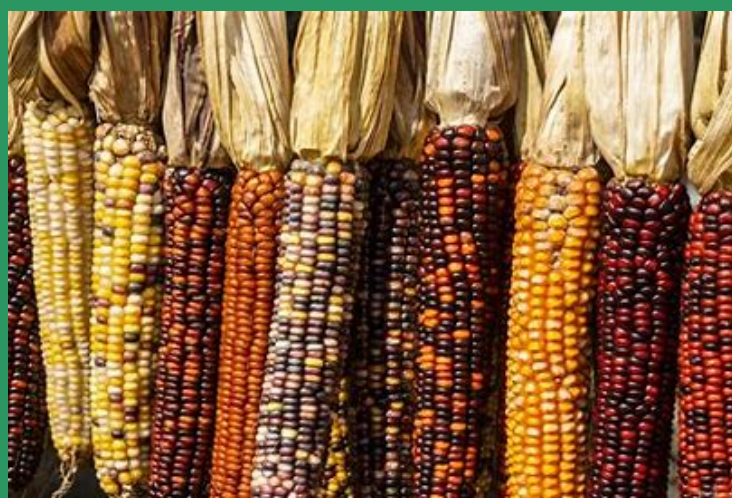


## Manage Corn Earworm Moth Carefully in the Heat of the Summer

-Kentucky Pest News

Corn earworm is a chronic pest of sweet corn and other specialty crops in Kentucky. Population levels vary from year to year, but Kentucky can count on higher levels of intensity and damage as the growing season moves into August and September.

Click [HERE](#) to read more!



## Loss of Effective Soybean Phytophthora Root and Stem Rot Resistance Genes

-Crop Production Network

Phytophthora root and stem rot (PRSR) of soybean is caused by *Phytophthora sojae*, which is an oomycete (a.k.a. water mold – not a fungus). Phytophthora root and stem rot is a prevalent disease in all soybean producing regions. The pathogen can survive in the soil as resting spores called oospores for many years.

Click [HERE](#) to read more!



# Ag Economics and Policy

## Ag Census Summary on Government Farm Program Payments for Kentucky Counties/Regions

-Will Snell, University of Kentucky

The Ag Census provides data to examine the relative importance of government farm program payments on a state and county level. Over the past two decades, these payments have included traditional farm bill safety net programs such as the Agriculture Risk (ARC) and Price Loss Coverage (PLC) programs and previous price/revenue support programs such as Direct and Counter-cyclical Payment Program (DCP) and Average Crop Revenue Election (ACRE) Program) along with conservation payments. These payments have also included ad hoc programs like the Market Facilitation Program (MFP), Coronavirus Food Assistance Program (CFAP), along with Tobacco Transition Payment Program (better known as the "Tobacco Buyout payments")

Click [HERE](#) to read more!



## Regional Beef Cow Slaughter

-James Mitchell, University of Arkansas

USDA reports weekly slaughter statistics for different classes of cattle. Beef cow slaughter this year through 28 weeks totals 1.56 million head. Beef cow slaughter has been historically high in the previous two years. During the same period, beef cow slaughter in 2023 and 2022 totaled 1.86 and 2.10 million head, respectively. So far, beef cow slaughter this year reflects a 16 percent decline compared to 2023.

Click [HERE](#) to read more!

# Forage News

## Evaluate Forage Species and Varieties before Purchase

-Kieth Johnson

To reach full potential of the forage part of the business, Mother Nature must comply with provision of excellent growing conditions, but the manager (you) must be part of a successful team with Mother Nature and professionals, too. Employing a proper soil fertility program, seeding at a proper time, using a correct seeding rate, and harvesting/grazing at the right growth stage are part of the decisions that need to be made.

Click [HERE](#) to read more!



## Why Some Producers Complain About Stemmy Orchardgrass Hay

-Kieth Johnson

Orchardgrass became the prevalent cool-season grass to include in a mixture with alfalfa more than three decades ago; it replaced smooth brome grass as the grass species of choice because smooth brome grass cannot survive the rigor of four cuttings in a growing season. As we learned more about forage quality-animal performance relationships, many producers desired four alfalfa or alfalfa-orchardgrass harvests in a season to obtain higher quality hay for their livestock.

Click [HERE](#) to read more!

## Forage Timely Tips: August

- Continue grazing available summer annuals (millets, sorghum/Sudangrass, crabgrass, etc.).
- Apply 40-60 lb N/A to stimulate summer annual regrowth.
- Clip pastures late June/early July as needed to maintain vegetative growth and to reduce weed seeds, but don't clip lower than 4".
- Identify fescue pastures for stockpiling. Choose pastures that are well drained, have a strong sod, and have not been overgrazed.
- Soil test pastures to determine fertility needs.
- Using UK variety trial results, select varieties to plant in the fall and order seed.
- Use a designated sacrifice lot to feed livestock hay and supplements as needed if drought sets in and no forage is available for grazing.

# AUGUST

RECIPE



## Broccoli and Beef Stir-Fry

**1 pound** lean beef steak, sliced diagonally across the grain into thin strips

**1 tablespoon** plus ½ cup stir-fry sauce

**1 clove** minced garlic

**4 tablespoons** canola oil, divided

**1 medium** red onion, cut into ½ inch dice

**1 sweet** red pepper, cut into ½ inch dice

**1 medium** yellow

squash, cut into ¼ inch slices

**2 cups** fresh broccoli florets

**1 cup** cauliflower florets

½ **teaspoon** crushed red pepper flakes

**1. Combine** 1 tablespoon stir-fry sauce and minced garlic in a bowl. **Add** the beef strips. Let stand 15 minutes.

**2. Heat** 1 tablespoon canola oil in a large skillet or wok.

**3. Add** beef and stir fry for one minute. **Remove** beef from skillet.

**4. Heat** the remaining 3 tablespoons canola oil in the skillet or wok. **Add** vegetables. **Stir-fry** for four minutes or until vegetables are crisp-tender.

**5. Return** beef to skillet.

**6. Add** the remaining ½ cup stir-fry sauce and red pepper flakes. **Cook** and

stir 1 to 2 minutes longer, until heated through.

**Yield:** 8, 1 cup servings

**Nutrition Analysis:** 180 calories; 10 g fat; 1.5 g saturated fat; 0 g trans fat; 25 mg cholesterol; 630 mg sodium; 9 g carbohydrate; 2 g fiber; 3 g sugar; 15 g protein.

90% recommended allowance for vitamin C.

Buying Kentucky Proud is easy. Look for the label at your grocery store, farmers' market, or roadside stand.



## 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 2025 funding until October 30, 2024

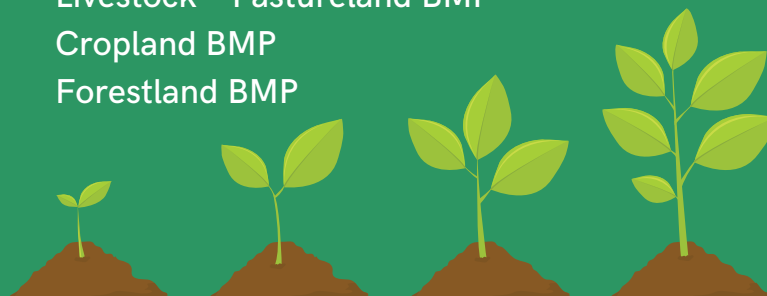
4 Areas of Interest:

Livestock - Animal Feeding Operations (AFO)

Livestock - Pastureland BMP

Cropland BMP

Forestland BMP



# Livestock

## Growing On-Feed Inventory, Lower Placements and No Sign of Heifer Retention

-Kenny Burdine, University of Kentucky

USDA's July Cattle on Feed report was released on Friday July 19th. These monthly reports estimate inventory in US feedlots with one-time capacity exceeding 1,000 head, which represent more than 80% of total on-feed inventory in the United States. The July report is also a quarterly report that includes data on the steer-heifer mix in feedlots. This brief article will walk through last week's report and some of the implications of it.

[Click HERE to read more!](#)



## Livestock and Poultry: World Markets and Trade

-United States Department of Agriculture

The revised 2024 forecast for China pork imports anticipates a 21 percent decline year on year to 1.5 million tons, the lowest since 2019. If realized, 2024 imports will return to similar levels to before China's outbreaks of African swine fever (ASF), which began to impact China production at the end of 2018.

[Click HERE to read more!](#)

## Meet the Meat Cutting School: UK teaches skills to improve industry

-Martin-Gatton College of Agriculture, Food and Environment

Since 2007, the University of Kentucky Meat Cutting School has been offering an accessible and affordable overview of meat processing, from live animal to food product.

[Click HERE to read more!](#)



# Wildlife

## Kentucky Fish and Wildlife Accepting Applications for Fall Dove Quota Hunts

-Kentucky Department of Fish and Wildlife

The Kentucky Department of Fish and Wildlife Resources will host four dove quota hunts and three traditional mentor/youth dove quota hunts this fall. Applications for all dove quota hunts open at 8 a.m. (Eastern) Aug. 5, 2024 and conclude at 4:30 p.m. Aug. 16, 2024.

Click [HERE](#) to read more!



## New Resource Provides Guidance for Wood-Turtle Friendly Forest Management

-U.S Fish & Wildlife Service

The U.S. Fish and Wildlife Service, National Alliance of Forest Owners (NAFO), and the National Council for Air and Stream Improvement, Inc. (NCASI) have released a new resource that provides guidance for forest managers to support wood turtles on their woodlands

Click [HERE](#) to read more!



KEY DATES	GRAIN CROPS UPCOMING EVENTS	Location
2023		
<del>Nov 30, 2023</del>	<del>Crop Protection Webinar Series: Webinar #4 Dr. Villanueva</del>	<del>Zoom</del>
2024		
<del>Jan 18, 2024</del>	<del>Kentucky Commodity Conference</del>	<del>Bowling Green</del>
<del>Feb 1, 2024</del>	<del>WINTER WHEAT MEETING</del>	<del>Hopkinsville, KY</del>
<del>Feb 8, 2024</del>	<del>KY Crop Health Conference (IPM – Grain Crops)</del>	<del>Bowling Green</del>
<del>Mar 28, 2024</del>	<del>Italian Ryegrass Control Field Tour</del>	
<del>May 14, 2024</del>	<del>UK Wheat Field Day</del>	<del>UKREC Princeton</del>
<del>May 21, 2024</del>	<del>KATS Crop Scouting Clinic</del>	<del>UKREC Princeton</del>
tentative		
<del>Jun 27, 2024</del>	<del>Pest Management Field Day (IPM – Grain Crops)</del>	<del>UKREC Princeton</del>
<del>Jul 23, 2024</del>	<del>UK Corn, Soybean and Tobacco Field Day</del>	<del>UKREC Princeton</del>
<del>July 25, 2024</del>	<del>High School Crop Scouting Competition</del>	<del>UKREC Princeton</del>
Aug 15-25, 2024	KY State Fair	Louisville KY
Aug 29, 2024 tentative	KATS Spray & More	UKREC Princeton

## Save the Date-Upcoming Forage Events

### 2024 Spring Fencing Schools

Hands on school focusing on the installation of fixed knot woven wire fence and electrified smooth high tensile fence.

April 23 in Morehead, KY  
April 25 in Mayfield, KY



### 2024 Beginning Grazing School

Not sure where to start? This school is designed to provide you with the tools needed to establish a profitable and sustainable grazing system.

April 30-May 1 in Princeton, KY



### Electric Fence Troubleshooting School

This school is designed to provide students with tips on installation of new and troubleshooting of existing electric fencing.

June 12 in Morgantown, KY

### Heart of America Grazing Conference

The focus of this conference will be regenerative grazing. The conference will include a preconference workshop on pasture ecology and post conference pasture walk. Speakers include Ray Archuleta, Alan Franzluebbers, Matt Poore, and more!

October 15-Preconference workshop on pasture ecology (optional)

October 15 & 16-HOA Grazing Conference

October 17-Regenerative Pasture Walk at Big Springs Farm in Adolphus, KY (optional)



### Intermediate Grazing School

This school is a continuation of the beginning grazing school. It is designed for people already grazing and will explore topics more in depth.

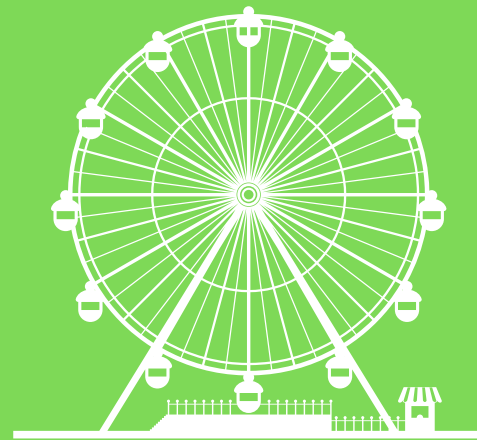
September 25-26 in Versailles, KY



Save your  
spot...  
Register  
Today!!!

Scan QR Code, visit <https://forages.ca.uky.edu/events>, or contact Caroline Roper at 270-704-2254 or [Caroline.Roper@uky.edu](mailto:Caroline.Roper@uky.edu) for more information on upcoming events.

# Kentucky State Fair August 15th- 25th at the Kentucky Exposition Center



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# August IS Cut Flower Month



# Central Kentucky Master Cattleman



The Master Cattleman Program was created to give beef producers an in-depth educational course on beef cattle management. Producers completing the program will acquire knowledge that will help them make informed economic management decisions in their beef operations. **Participants must complete all 6 of the 3 hour sessions to be certified.**

**5:30pm—Dinner  
6:00-9:00pm—Program**

- September 3—Woodford County Extension**  
Dr. Josh Jackson—Facilities
- September 10—Jessamine County Extension**  
Dr. Les Anderson—Reproduction
- September 24—Jessamine County Extension**  
Dr. Katie VanValin—Nutrition
- October 1—Woodford County Extension**  
Dr. Michelle Arnold—Health
- October 22—Jessamine County Extension**  
Dr. Kevin Laurent—Marketing
- October 29—Woodford County Extension**  
Dr. Darrh Bullock—Genetics

\$100 Registration Fee  
\$125 per couple

**RSVP to your county office by August 15**



**KENTUCKY COOPERATIVE EXTENSION**

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Community and Economic Development

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4th Tuesday Series

KENTUCKY COOPERATIVE EXTENSION

# FLY & PINKEYE CONTROL



**August 27th  
6:30 PM**

United Producers, Inc.  
86 Bramblett Road  
Owenton, KY 40359

Call Owen County Extension Office  
(502) 484-5703 to REGISTER!

# 2024 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.

Call the Scott County Extension Office to sign up.  
**502-863-0984**



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

**DEADLINE TO REGISTER:  
OCTOBER 7, 2024**

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4-H Youth Development  
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# ELDER CARE LAW OF KENTUCKY Legacy Luncheons

Cooperative Extension Service

LEARN HOW TO PRESERVE YOUR LEGACY FOR GENERATIONS TO COME.

### SESSION 1

Join us for lunch while we cover: Where do I begin to protect my legacy?

SEPTEMBER 16, 11AM-1PM

### SESSION 2

Join us for lunch while we cover: Who do I "trust"? What is a trust? I have an LLC do I need a trust?

OCTOBER 21, 11AM-1PM

### SESSION 3

Join us for lunch while we cover: What is a POA? Do I need a health care and a financial POA? Who do I choose?

NOVEMBER 18, 11AM-1PM

### SESSION 4

Join us for lunch while we cover: What not to do! Wrong advice and information from friends, Facebook, and family.

DECEMBER 16, 11AM-1PM



Join us for lunch the 3rd Monday of September, October, November, and December. Learn about the best avenues to protect your legacy. To attend RSVP the Monday the week before the date of the session. For questions or to RSVP call 502-863-0984 or email [brittany.brewer@uky.edu](mailto:brittany.brewer@uky.edu). Sessions will take place at the Scott County Extension Office, 1130 Cincinnati Rd. Georgetown, KY 40324

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4th Tuesday Series

KENTUCKY COOPERATIVE EXTENSION

# Cattle Market Update

September 24th  
6:30 PM  
Call Owen County Extension Office 502-484-5703 to REGISTER!

United Producers, Inc.  
86 Bramblett Road  
Owenton, KY 40359



# ARTIFICIAL INSEMINATION SCHOOL

COST - \$450  
(Expense is C.A.I.P & KSU Reimbursable)

## SEPT. 13TH & 14TH

United Producers, Inc.

86 Bramblett Ln.  
Owenton KY 40359  
502-484-5703

Limited Space  
Sign up Today  
➔



<https://tinyurl.com/z5zfubxv>

KENTUCKY COOPERATIVE EXTENSION



## FREEZER BEEF CONSIDERATIONS

Join us for a session with Dr. Gregg Rentfrow, UK Extension Meat Specialist, as he shares insights on factors to consider when contemplating raising freezer beef for personal consumption or for sale.



August 29th  
6:30pm



Owen County Extension Office  
265 Ellis Rd  
Owenton, KY, 40359

RSVP 502-484-5703

### WORKSHOP AGENDA AND TOPICS

#### Classroom Sessions: Fundamentals of Electric Fencing

- Electric fencing theory and principles-Morgan Hayes
- System layout and design-Jeremy McGill

#### Hands-on Sessions: Installation and Troubleshooting

##### Installation of permanent electric fencing

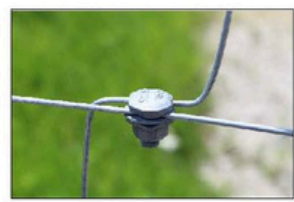
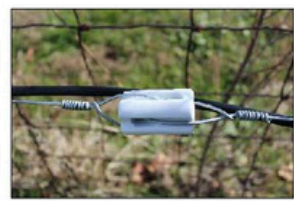
- Installation of energizer and grounding system
- Making good connections
- Tying fence run ends together to enhance conductance
- Installation of underground cables for lead-out and gates

##### Using temporary fencing

- Utilizing an electrical offset for new and existing fencing
- Using reels and temporary posts for subdivisions
- Using a solar charger for temporary fencing
- Repairing breaks in polywire
- Training livestock to electric fencing

##### Troubleshooting Electrical Fences

- Testing grounding systems
- Using cutoff switches to isolate shorts
- Using fault finders to find shorts
- Diagnosing grounding problems
- Finding faulty insulators
- Finding broken lead out wires



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