

THE FARMACY

JULY NEWS

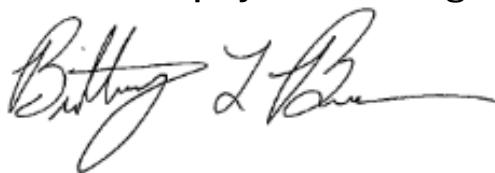


Agent Remarks

I hope you all had a good June. I know that we experienced a rather dry spell for most of the month. For that I have included some information about stretching hay supplies to get you all thinking about different things if you do have a low yielding year. I have also included some information about a pest called clover root curculio. It has been confirmed here in Scott County, as well as in Woodford County. Damage looks like a poor growing spot in an alfalfa or clover field. If not managed properly the pest can easily decrease yields by 35%. If you have any questions or concerns please reach out to me. You will also find a large amount of events located at the end of the newsletter.

I want to remind everyone who applied for CAIP this past year that the deadline is quickly approaching to have all your information turned in. If you still need an educational requirement, please look at the events with the red CAIP logo on them. Also if you are applying for CAIP in the large animal area, please make sure you have a valid BQCA number. If you are not sure, please reach out to me as soon as possible and I can check. As always, let me know if you need anything!

Stay safe and I hope you all have a great July!



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2022 Financial Overview of Kentucky Farms

-Tarah Hardin, Kentucky Farm Business Management

After coming off a record high Net farm income (NFI) in 2021, grain farms in Kentucky Farm Business Management (KFBM) program saw their net farm income decrease to levels below pre-pandemic. Net farm income is the value of farm production less total operating expense and depreciation. There were 199 grain farms that provided farm data to KFBM in 2022 for an average NFI of \$532,234. The main cause of the downturn in NFI, comes from the increase in operating expenses. From 2021 to 2022, the average went from \$1,676,458 to \$2,123,466 respectively. That is an increase of \$447,008 in expenses, while gross farm returns only increased \$130,767 in 2022.

Click [HERE](#) to read more!



Smoke From Wildfires Creates 'Indirect Concerns' For U.S. Corn Crop

-Rhonda Brooks, Farm Journal

Smoke from Canadian wildfires filled skies across a large swath of the U.S. on Thursday, causing air quality issues for people residing in the Northeast.

Residents from New England to as far south as Texas reported seeing and smelling smoke from the roughly 150 wildfires that are centered in Quebec and being monitored by the Canadian Interagency Forest Fire Centre.

According to AirNow, a source for air quality data, the level of particulate matter in the air on Wednesday morning was deemed "unhealthy" from the area around Detroit, Mich., east to Philadelphia, Pa.

Click [HERE](#) to read more!

Office Closed



The Scott County Extension Office will be closed on Tuesday July 4th in observation of Independence Day. We hope you and your family have a safe and happy holiday!

Forage News

Due to drought conditions over the summer, it is shaping to be a winter-feeding season of tight hay supplies. Below are just a few of many considerations for managing short hay supplies. Do not hesitate to reach out to your local county agent when assessing your winter feeding situation to receive guidance on how to make the most out of your hay this feeding season. It is important to use what hay you do have efficiently, and here are a few ways to make sure of that.

Click [HERE](#) to read more!

Cattle Nutrition: Stretching Hay When Supplies are Tight

-Dr. Katie Mason, Assistant Professor and Extension Beef Cattle Nutrition Specialist University of Tennessee



Prussic Acid Poisoning

-Master Grazer, University of Kentucky Master Grazer

Grazing forages during the summer months is a great way to reduce stored feed costs. However, there are some risks that come with grazing certain forages and weeds. It is important to be cautious this summer to reduce the risk for prussic acid poisoning, as prussic acid poisoning tends to be worse during times of drought.

Click [HERE](#) to read more!

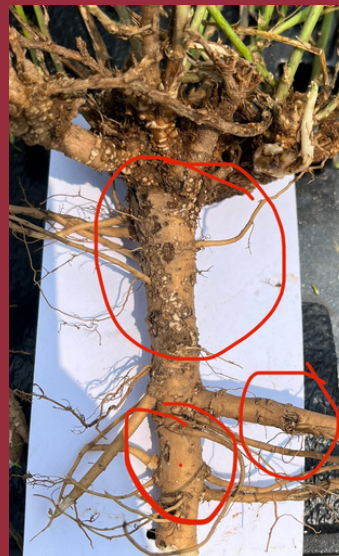


Clover Root Curculio

-Ric Bessin, Entomology Extension Specialist

This past week, there were reports of increasing problems with clover root curculio in a couple of central Kentucky counties. Clover root curculio is an overlooked invasive pest from Europe that has been in the United States since the 1800s. This pest is often overlooked because the damage caused by the larvae occurs below ground and goes unnoticed until the damage becomes evident during droughty periods. The injury caused by the larvae can result in substantial stand reduction. Fortunately in the past, problems have been localized and usually not at economic levels.

Click [HERE](#) to read more!



Pictured is alfalfa with clover root curculio damage. This alfalfa is from a field in Scott County. Please be aware of this pest. If you suspect you have it or want to know more please call the office or email me!

Heat Safety

Tony Edwards-National Weather Service Charleston, WV

While it's been a relatively cool start to summer across the Bluegrass State, heat and humidity more typical of summer are bound to arrive sooner rather than later.

Heat is one of the leading weather-related killers in the U.S., resulting in hundreds of fatalities each year. During extremely hot and humid weather, your body's ability to cool itself is challenged. A body heating too rapidly, or losing too much fluid or salt through dehydration or sweating, can result in death or permanent injury. While everyone can be vulnerable to heat, some are more vulnerable than others. Infants, children, the elderly, chronically ill, and pregnant women are especially vulnerable.

During excessive heat, avoid heavy activity and direct sunlight. Stay hydrated, find a cool indoor place, and check on children, the elderly, and pets. Protect yourself outside by wearing light, loose-fitting clothes, stay hydrated, and spend time in the shade. Also, never leave anyone (or pets) alone in a locked car, even in the winter, as death can occur in as little as 10 minutes. The Centers for Disease Control and Prevention (CDC) provides a list of warning signs and symptoms of heat illness, and recommended first aid steps.

Heat Cramps

Heat cramps may be the first sign of heat-related illness, and may lead to heat exhaustion or stroke. Symptoms include painful muscle cramps and spasms, usually in legs and abdomen, and heavy sweating. First aid for someone experiencing heat cramps includes applying firm pressure on cramping muscles or gently massage to relieve the spasms. Give sips of water unless the person complains of nausea. Seek immediate medical attention if cramps last longer than 1 hour.

Heat Exhaustion

Symptoms include heavy sweating; weakness or tiredness; cool, pale, clammy skin; fast, weak pulse; muscle cramps; dizziness; nausea or vomiting; headache; and fainting. If you suspect someone is suffering from heat exhaustion, move the person to a cooler location, preferably an air conditioned room. Loosen clothing. Apply cool, wet cloths or have the person sit in a cool bath. Offer sips of water. Seek immediate medical attention if the person vomits, symptoms worsen, or last longer than 1 hour.

Heat Stroke

Symptoms include a throbbing headache; confusion; nausea; dizziness; body temperature above 103°F; hot, red, dry or damp skin; rapid and strong pulse; fainting; and loss of consciousness. Call 911 or get the victim to a hospital immediately as heat stroke is a severe medical emergency. Move the victim to a cooler, preferably air-conditioned, environment. Reduce body temperature with cool cloths or a cool bath. Use a fan if heat index temperatures are below the high 90s. A fan can make you hotter at higher temperatures. Do NOT give fluids.

Heat Exhaustion	Heat Stroke
ACT FAST <ul style="list-style-type: none">• Move to a cooler area• Loosen clothing• Sip cool water• Seek medical help if symptoms don't improve	ACT FAST CALL 911 <ul style="list-style-type: none">• Move person to a cooler area• Loosen clothing and remove extra layers• Cool with water or ice
Dizziness Thirst Heavy Sweating Nausea Weakness	Confusion Dizziness Becomes Unconscious
<i>Heat exhaustion can lead to heat stroke.</i>	<i>Heat stroke can cause death or permanent disability if emergency treatment is not given.</i>

Stay Cool, Stay Hydrated, Stay Informed!



Creamy Avocado Cucumber Salad

1 ½ cups diced cucumber	1 cup diced yellow pepper	2 tablespoons balsamic vinegar
1 teaspoon dried basil	1 cup chopped fresh parsley	1 tablespoon fresh lemon juice
1 cup diced tomato	1 cup chopped fresh mint	Salt and pepper, to taste
1 cup diced sweet onion	1 tablespoon olive oil	

Wash fresh ingredients. **Remove** cucumber ends and peel if skin is tough or bitter. **Slice** lengthwise, **remove** large seeds, if needed, and **finely dice**. **Place** diced cucumber in a colander over a bowl, **sprinkle** evenly with basil, **stir** and **let stand** 15 minutes. **Finely dice** and **chop** tomato, onion, avocado, yellow pepper, parsley, and mint. **Place** in a large bowl and **add** cucumber.

Drizzle with olive oil, balsamic vinegar, and lemon juice. **Toss**, **add** salt and pepper to taste, and **serve**.

Yield: 8, 1-cup servings

Nutritional Analysis:

70 calories, 3.5 g fat, 0.5 g saturated fat, 0 mg cholesterol, 10 mg sodium, 9 g carbohydrates, 3 g fiber, 2 g protein, 3 g sugars, 0 g added sugars.

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

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



Wildlife Information

Fixing a Leaking Pond

Bryan Swistock, Penn. State

Pond leaks may develop from a number of causes. Probably the most common cause is inadequate construction of the pond bottom. Simply put, it is best to avoid a leaking pond by properly constructing the pond from the beginning. Areas of sand or gravel or fractures in bedrock that were not adequately covered with soil during construction may eventually leak.



Click [HERE](#) to read more!



Farm Pond Management- Water Quality

-Kentucky Department of Fish & Wildlife

The aquatic food chain is comprised of several different trophic levels: producers, primary, secondary, and tertiary consumers, and decomposers.

Producers are the numerous species of floating and rooted aquatic plants that absorb sunlight, water, oxygen and soil minerals and includes microscopic, floating plant life known as phytoplankton.

Primary consumers are tiny, herbivorous organisms that feed on phytoplankton and other aquatic plants including insects, tadpoles, very small fish, snails, and microscopic animals known as zooplankton.

Secondary consumers are organisms that feed on primary consumers and include many species of fish, frogs and other amphibians, crayfish, turtles, and water snakes.

Tertiary consumers are organisms that feed on primary and secondary consumers and include large fish, humans, birds, and numerous small mammals.

Decomposers are bacteria, fungi, and insect and animal scavengers that release elemental nutrients by breaking down dead and decaying aquatic plants and organisms.

The following sections provide information on maintaining water quality in your farm pond, which has a direct effect on the aquatic food chain. A balanced food chain is critical to having a healthy pond.

Click [HERE](#) to read 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

**CAIP
Eligible**



**KENTUCKY STATE
UNIVERSITY**
Cooperative Extension Program

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.

UK Cooperative Extension Service

SCOTT COUNTY EXTENSION PRESENTS A TWO DAY WORKSHOP

Meat of the Season

THIS SEASON FEATURES

BEEF



To register call the Scott County Extension Office
at (502)863-0984

July 10th

5:00 PM Meet at the Scott
County Extension Office
5:15 PM Depart for University
of Kentucky Meats Lab for a
program on beef processing.

July 11th

5:00 PM Meet at the Scott
County Extension Office
5:15 PM Program on beef
safety, preparation, and
preservation.

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

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Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.
LEXINGTON, KY 40546



Disabilities
accommodated
with prior notification.

July Events

HOOK and COOK
HARVEST YOUR OWN LOCAL MEAT

HOOK AND COOK
This course will teach you the basics of catching and cleaning fish. Whether you are an experienced angler or a first-time fisherman, this course will teach you the skills and knowledge you need to get started in fishing.

Georgetown, KY
July 31 & Aug 1, 2023

Event Details
Scott Co. Coop Extension Office
1130 Cincinnati Road
Georgetown, Ky 40324
Time: 6:00 p.m.—8:30 p.m.

More info: Easton.Copley@ky.gov or 502-330-1411

Grain Events

June 29th: Pest Management Field Day
at Princeton

July 25th: UK Corn, Soybean, and
Tobacco Field Day at Princeton



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Eligible**



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Eligible



BEEF IMPROVEMENT SUMMER MEETING



July 25th,
2023



1549 Stamping Ground
Rd. Georgetown, KY
40324



SIGN STARTS AT
5:30PM, PROGRAM
STARTS AT 6PM

The Scott County Beef Improvement Association is happy to host an on farm meeting at Mr. Robert Hall's home. The evening will be full of fellowship, as well as educational content from University of Kentucky specialists Dr. Jeff Lehmkuhler and Dr. Greg Halich.

To be included in dinner you must be a paying member of the Scott County Beef Improvement Association!

To RSVP or if you have questions? Call the Scott County Extension Office at 502-863-0984

Rain date is July 27th

College of Agriculture,
Food and Environment

CAIP
Eligible



2023 Spray Clinic

July 13, 2023

8:30 am to 12:00 pm
(sign in @ 7:30)



University of Kentucky
Research and Education
Center
Princeton, KY 42445

Pre-registration is required at:

<https://2023KATSSprayclinic.eventbrite.com>

\$65 Registration fee
Lunch will be provided



Pesticide and Certified
Crop Advisor Credits
have been applied for

Topics and Demonstrations:

- The importance of spray droplet size for herbicide application
- Weather conditions during spray application
- Tank mixing and adjuvants
- Fungicide spray application efficacy
- Fungicide application with drones
- Kentucky regulations for spray drones

For more information contact
Travis Legleiter (Travis.Legleiter@uky.edu)
or Lori Rogers (lori.rogers@uky.edu)



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, or physical or mental disability. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating. LEXINGTON, KY 40546

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Kentucky Woodland Owners Short Course

June - July 2023

Kentucky
Woodland
Owners
Short Course

On-line Sessions
Via Zoom
7 - 8:30 p.m.
Eastern



June 20
Your Trees, Your
Woodlands, Your
Options



June 22
Woodlands and
Climate Change



June 27
Wildlife and Woodlands



June 29
Woodland Health

Registration for all 4 on-line sessions: \$10 per person

Registration for all 4 on-line sessions, 1 field session with lunch, a clipboard binder, and reference resources: \$20 per person/\$30 couple



Field Session Locations (9:30 a.m. - 3:30 p.m.):
July 15 - Pennyrite State Forest (Christian County - Central time)
July 29 - Elk Caves Farm (Boyle/Casey counties - Eastern time)

Register at <https://wosc.ca.uky.edu/>



BEEF CATTLE WORKSHOP

July 26, 2023, at 6 P.M. EDT

Topic: Heat Stress Management & Forage Testing



CAIP
Eligible

Join us in person: Bluegrass Stockyards, Lexington, KY

Watch online: [YouTube.com/kysuag](https://www.youtube.com/kysuag)

This institution is an equal opportunity provider.

Contact Us:
Forestry.Extension@uky.edu
859.257.7597
<https://wosc.ca.uky.edu/>

College of Agriculture,
Food and Environment
Forestry and Natural Resources Extension

Cattle Behavior and Handling with Dr. Temple Grandin

Thursday evening, September 21st - 2023

Fayette County Extension Office - Lexington, KY

CAIP
Eligible

Tickets will go on sale August 4th!
Stay tuned for more details.

Brought to you by:

Fayette County Extension

The Learning Curve of Kentucky



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LEXINGTON, KY 40548



Disabilities
accommodated
with prior notification.