

Mercer County Extension Office
1007 Lexington Road
Harrodsburg, KY 40330

RETURN SERVICE REQUESTED

NONPROFIT ORG
US POSTAGE PAID
HARRODSBURG, KY
PERMIT #72

Agriculture Natural Resources Newsletter November, 2024

Cooperative Extension Service
Mercer County
1007 Lexington Road
Harrodsburg, KY 40330
(859) 734-4378 Fax: (859) 734-4379
mercerc.ca.uky.edu



Linda McClanahan

Linda McClanahan
Mercer County Extension Agent for ANR

Did you know? The Full moon in November is traditionally called the Beaver Moon in the US. The tradition goes back to North America's early colonial years, as it was during this time of year that hunters would set their beaver traps for the last time before the lakes and water sources they lived in froze over.

Disaster Assistance for 2024 Livestock Forage Losses

Producers in Mercer County are eligible to apply for 2024 Livestock Forage Disaster Program (LFP) benefits on native pasture, improved pasture, and forage sorghum. LFP provides compensation if you suffer grazing losses for covered livestock due to drought on privately owned or cash leased land or fire on federally managed land.

County committees can only accept LFP applications after notification is received by the National Office of qualifying drought or if a federal agency prohibits producers from grazing normal permitted livestock on federally managed lands due to qualifying fire.

You must complete a CCC-853 and the required supporting documentation no later than January 30, 2025, for 2024 losses.

For additional information about LFP, including eligible livestock and fire criteria, contact the Mercer County USDA Service Center at 859-734-4326 or visit www.farmers.gov

- November 2 Mercer County Cattlemen's Bull Breeding Soundness Exam Day, 4 Kings Angus Farm
- November 2 Holiday One Stop Shop, Mercer County Fairgrounds
- November 5 Election Day, Extension Office Closed
- November 7 Fort Harrod Backcountry Horsemen Meeting, 7 PM
- November 7-21 North American International Livestock Expo, Louisville
- November 12 Mercer County Extension Community Meeting, 11:30 AM
- November 12 UK Beef Management Webinar Zoom, 8pm
- November 15 America Recycles Day, Paper Shred Truck at Extension Office
- November 22-28 National Farm-City Week
- November 28-29 Happy Thanksgiving, Extension Office Closed
- December 4-6 KY Farm Bureau Federation Annual Meeting, Louisville
- December 5 Fort Harrod Backcountry Horsemen Meeting, 7 PM
- December 10 UK Beef Management Webinar Zoom, 8pm
- December 16 Central KY Hay Production Meeting, Fayette County Extension Office, 6 PM
- December 17 Mercer County Extension Council Holiday Open House
- December 25-Jan1 Extension Office Closed for the Holidays



Extension Community Meeting

November 12
11:30am — 1:00pm



Join us to share your input on programs over the next five years! Lunch will be provided.

Everyone is invited and encouraged to attend!

Mercer County
Extension Office

RSVP to
859-734-4378
or by scanning
QR code.



BEEF MANAGEMENT WEBINAR SERIES

If you are interested and would like to be registered send an email to dbullock@uky.edu with Beef Webinar Series in the Subject and your name and county in the message to receive a Zoom link and password. You will receive an invitation and password the morning of the presentation.

November

12 Shooting the Bull: Answering all your Beef Related Questions!
Updates and Roundtable discussion with UK Specialists

December

10 Winter Feeding Strategies to Extend Short Hay Supplies
Dr. Lawton Stewart, Professor, University of Georgia

January

14 Important Traits for Bull Selection in Kentucky
Dr. Matt Spangler, Professor, University of Nebraska

February

11 Marketing Opportunities for the Spring
Dr. Kenny Burdine, Professor, and Kevin Laurent, Extension Specialist, University of Kentucky

March

11 Preparing for a Successful Spring Breeding Season
Dr. Les Anderson, Extension Professor, University of Kentucky

April

8 Health Update and Internal Parasite Field Study Results
Dr. Michelle Arnold, Extension Veterinarian, and Dr. Jeff Lehmkuhler, Extension Professor, University of Kentucky

If you have any questions or need additional information please email dbullock@uky.edu. If you are already registered you will get a Zoom invitation the morning of each session with the link and password.



<https://sfc2024.eventbrite.com>

KENTUCKY STATE UNIVERSITY
Cooperative Extension Program

SCAN HERE:  CLICK HERE: 

REGISTRATION IS LIVE!

KENTUCKY SMALL, LIMITED-RESOURCE, MINORITY FARMERS CONFERENCE

November 21-23, 2024

REGISTRATION CLOSING NOVEMBER 1, 2024

KENTUCKY STATE UNIVERSITY'S
26th Annual
**Small, Limited-Resource, Minority
Farmers Conference**

"Connecting Our Farmers and Communities"

Contact Edwin Chavous at Edwin.Chavous@kysu.edu or (502) 597-6428
This institution is an equal opportunity provider.

WINTERIZE Your Home



Your home isn't the only one that can be winterized.
Your neighbors and those most vulnerable might need your help too!

weather.gov 

A Windy Start to Fall *Jane Marie Wix and Philomon Geertson - NWS Jackson, KY*

Usually, this time of year we talk about increased winds during the fall season, and wind safety. However, most of the time we aren't referring to high winds due to a hurricane! Hurricane Helene wreaked havoc as it moved inland -all the way north into Kentucky. It's not the first time we've experienced the remnants of a hurricane in this state, and it won't be the last. Having such high impacts is quite rare. We thought this would be a good time to recap what happened. The remnants of Hurricane Helene brought widespread wind damage to much of Kentucky on Friday, September 27th. Helene initially made landfall along Florida's Big Bend region during the late evening of Thursday, September 26th as a fast-moving Category 4 hurricane. The hurricane's rapid forward movement did not give the system much time to weaken by the time the system's tropical rain bands spread across eastern Kentucky by early Friday morning. As the dissipating core of the hurricane approached, northeast to easterly winds rapidly intensified across eastern Kentucky between 6 AM and 10 AM EDT. Wind gusts peaked at around 12 PM, ranging from 35 to 60+ mph at most locations. The strongest wind gust in eastern Kentucky, 64 mph, was reported atop Koomer Ridge just west of Campton. The combination of full foliage on the trees, saturated soils, and an atypical wind direction led to many uprooted trees, resulting in blocked roads and extensive power line damage. Isolated instances of structural damage were also observed.

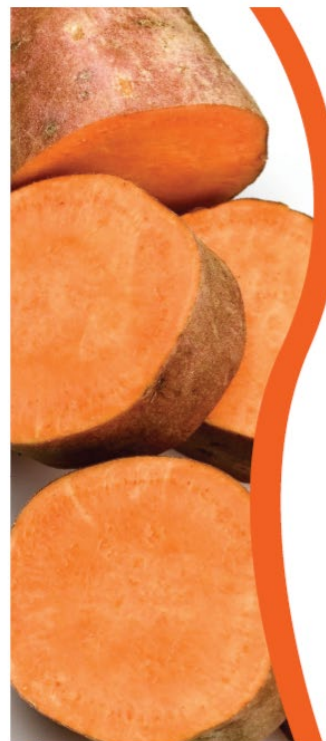
Power outages across the Commonwealth numbered over 200,000 customers, the vast number of which were in eastern Kentucky, by the time the winds had diminished Friday afternoon. Kentucky Power alone reported at least 137 broken power poles and 734 spans of downed wire. Clark Energy reported over 100 broken poles in their service area. Jackson Energy reported 71 broken power poles and close to 400 spans of downed wire. Power restoration efforts continued for days after the storm, as some customers in the hardest hit locations did not see their power restored until October 3rd. There were also several reports received of trees falling on homes. Fortunately, only 1 injury was reported in the state, due to a tree falling on a home. The winds also put a damper on the festivities at the World Chicken Festival in Laurel County and the Sorghum Festival in Morgan County for most of the day.

On a non-wind note - before the hurricane, weeks of unusually dry weather had led to the development of abnormally dry to severe drought conditions across most of the state. Thus, when a sluggish frontal boundary and upper level low became somewhat stationary over the state earlier in the week (around September 23rd and 24th), the repeated rounds of rainfall were highly beneficial for alleviating the drought. Additional rainfall from Helene, therefore, only led to minor instances of stream and street flooding.

Outside of Helene, one of the last impactful hurricanes that I remember in Kentucky was Hurricane Ike in 2008. The remnants of this hurricane brought sustained strong winds and high wind gusts to western and central Kentucky. Wind gusts ranged from 50-75 mph, with the fastest gust recorded at 75 mph at the Louisville Airport. Louisville also experienced its worst power outage ever, with over 400,000 homes losing power. Sadly, nine souls also lost their lives in this event. Many people in the state called this storm "Dry Ike", because while it brought high winds, it didn't bring any precipitation with it!

It's been an active hurricane season thus far, especially for those in Florida. While technically hurricane season spans from June 1st until November 30th, most hurricanes form during the months of August, September, and October. As we head into November, hopefully this means hurricane activity is winding down, and we won't experience any more Hurricane Helene-like storms - but we'll have to wait and see.

November recipe



Sweet Potato Crisp

- | | | |
|---|-------------------------------------|---------------------------------|
| 3 large fresh sweet potatoes, cooked until tender. | 1 teaspoon vanilla | ½ cup all-purpose flour |
| 8 ounces reduced fat cream cheese, softened | 1 tablespoon ground cinnamon | ⅔ cup quick cooking oats |
| 1 cup brown sugar, divided | 2 medium apples, chopped | 3 tablespoons butter |
| | | ¼ cup chopped pecans |

- Preheat** oven to 350° F. Lightly spray a 13 x 9 x 2 inch pan with non-stick spray.
- Mash** sweet potatoes. Add cream cheese, ⅔ cup brown sugar, vanilla and cinnamon. Mix until smooth.
- Spread** sweet potato mixture evenly into pan.
- Top** sweet potatoes with chopped apples.
- In a small bowl, **combine** flour, oats, and ⅓ cup brown sugar. **Cut** in butter until mixture resembles coarse crumbles. **Stir** in pecans.
- Sprinkle** mixture over apples.
- Bake** uncovered for 35-40 minutes or until topping is golden brown and fruit is tender.

Yield: 16, ¾ cup servings.

Nutritional Analysis:
240 calories, 6 g fat, 3 g sat fat, 5 mg cholesterol, 200 mg sodium, 44 g carbohydrate, 4 g fiber, 20 g sugar, 4 g protein.



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

Johnsongrass Control Moving into 2025 Dr. Travis Legleiter, UK Extension Weed Specialist



Johnsongrass has long been a problematic weed in Kentucky, but it hasn't always been at the top of our minds the last several years with the continual onslaught of weeds like waterhemp, Palmer amaranth, and Italian ryegrass. This year though, it seems Johnsongrass made a comeback or at least reminded us that it is still very much a problematic weed that needs to be managed. Unlike many weeds we deal with in our row crop acres, Johnsongrass is perennial that spread by seed and rhizomes. This allows Johnsongrass to gain a foothold in the Kentucky landscape of no-till row crops in close proximity to rights of way and perennial forage fields and pastures where this weed tends to thrive and spread.

This past spring and summer, Johnsongrass seemed to really explode and was much more prominent in our corn and soybean acres. I believe there was a couple of reasons for the perceived sudden increase in Johnsongrass pressure. I believe we have been building our Johnsongrass stock (rhizomes) for the past couple of years and the weather this year was set up perfectly for Johnsongrass to thrive. Generally, across the state we had a great April for field work and planting of corn and early soybean and for burndown of winter annuals for May planted crops. Then we received multiple heavy rainfall events in May that kept planters and sprayers out of the field. These spring conditions in combination with a warm winter and fields with existing Johnsongrass rhizomes allowed for a perfect scenario for Johnsongrass to thrive. Following the successful clearing of winter annuals from the field, Johnsongrass was able to immediately emerge from rhizomes and thrive in the late April and May conditions with little interruption from field activities. The good

Image 1. Johnsongrass emergence from rhizomes following corn harvest. (Oct. 2, 2024)

news is that our post-emergence applications in both corn and soybeans were largely successful. Other than a few isolated locations, herbicide resistant Johnsongrass has not become prevalent in Kentucky and no cases of glyphosate-resistance has been identified. This is not to say that we should not worry about that possibility though.

As I indicated above, I believe in many of our no-till fields we have been allowing for the establishment of Johnsongrass rhizome networks. Johnsongrass emerging from rhizomes is significantly harder to control than seedling Johnsongrass. Management of rhizome Johnsongrass should be approached from a long-term perspective rather than the short-term approach often taken with annual weeds. Having this long-term approach in mind producers and consultants should be evaluating fields for the potential need for fall herbicide application. If you had fields with particularly heavy Johnsongrass infestations this year, even if your post programs were effective, you should go observe those fields to see how much Johnsongrass has regrown or emerged since harvest. Fields with significant Johnsongrass regrowth or emergence this fall should be considered for a fall application.

As a perennial plant Johnsongrass has now started the process of preparing for its explosive reemergence next spring. It is doing this by pushing nutrients down into the rhizome network to be stored over the winter and to be used next spring. Farmers can use this to their advantage by making applications of glyphosate to the Johnsongrass that will also move to the rhizome network causing significant damage to the network and overall weakening or killing the plant going into next spring. Although, it should not be expected that a single fall application will permanently take out the Johnsongrass in a field. It will take several years of intense management to deplete an established population. Again, Johnsongrass requires a long-term control approach.

Here are a few keys for fall applications for Johnsongrass:

- Scout fields to assure Johnsongrass has had time to regrow or emerge following harvest
- Apply 0.75 to 1.125 lb ae glyphosate plus AMS
- If applications are occurring in late fall, target periods of warmer weather if possible

Refer to page 16 of AGR-6 (<https://publications.ca.uky.edu/files/AGR6.pdf>) for a product use rates for the above listed glyphosate rates.

Save The Date

Mercer County Cooperative Extension

Open House

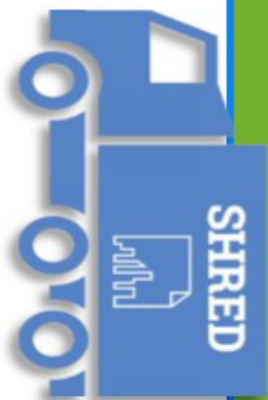
December 7 from 4:00—6:30pm

Please join us to learn more about your local extension office and check out the available programs we have to offer. Appetizers and refreshments will be provided. Family-friendly event, all ages welcome.



Take your picture with Santa!

Mercer County
Extension Office
1007 Lexington Road
Harrodsburg, KY 40330



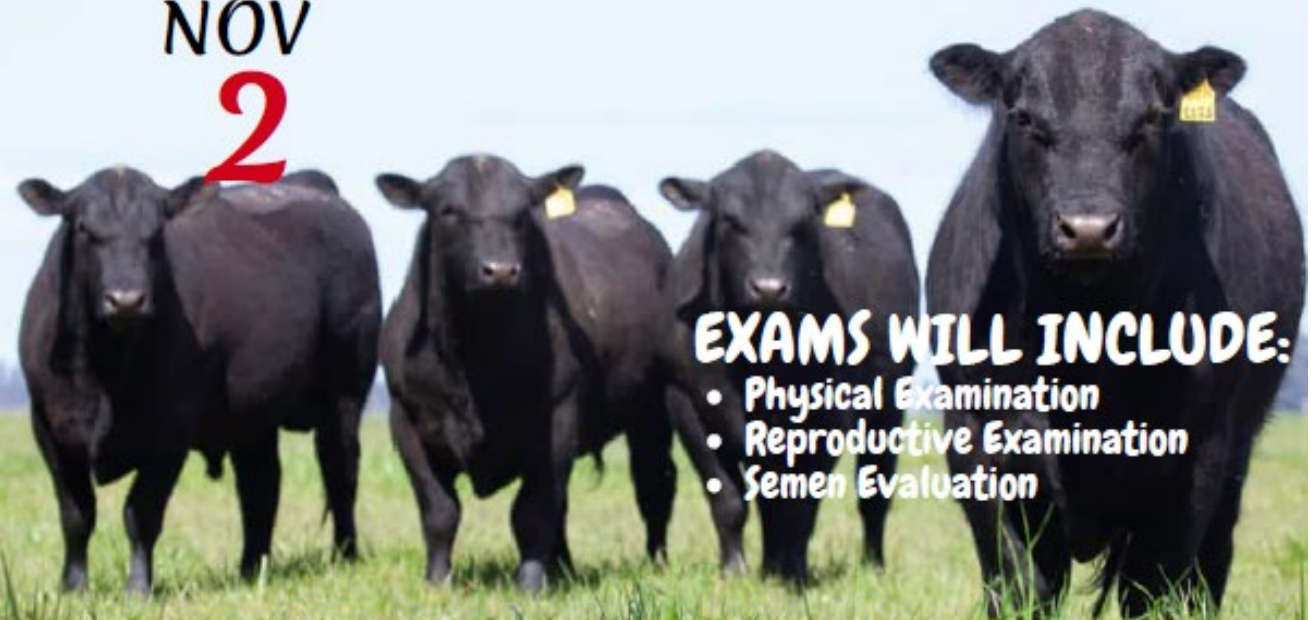
America Recycles Day

Friday, November 15
1:00-4:00pm

In observance of America Recycles Day, Mercer County Extension Office will have "The Shred Truck" available for free to you! Bring your old documents & sensitive papers to be recycled! Paper only. No electronics, paint, etc. Staples do not have to be removed but please take off any paper clips.

1007 Lexington Road
Harrodsburg, KY 40330

SATURDAY
NOV
2



EXAMS WILL INCLUDE:

- Physical Examination
- Reproductive Examination
- Semen Evaluation

BULL BREEDING SOUNDNESS EXAM

Four Kings Angus Farm
395 Adams Ln
Harrodsburg, KY

Call/Text Adam Chunglo 859.613.2985 today to make your appointment. Preferred times are first call, first serve basis. Appointment required.

Is your herd bull ready for breeding season? Bring your herd bulls to get tested before they head out to pasture.

Dr. Justin Murray of Town and Country Animal Clinic will be on-hand to perform breeding soundness exam. Vaccines and dewormer available for additional cost. Bulls will be ready to breed cows for \$40 (\$10 discount if MCCA member, additional \$10 if Mercer County Farm Bureau member)!



Sponsored by:
Mercer County Cattlemen's Association
Mercer County Farm Bureau Federation
Four Kings Angus
Town and Country Animal Clinic



MERCER COUNTY 4-H YOUTH AGRICULTURAL INVESTMENT PROGRAM (YAIP)



- Applicants must be 9 years old & enrolled in elementary, middle or high school (includes home-schooled)
- Investment areas eligible:
 - Ag Diversification
 - Animal Production
 - Forage & Grain Improvement
 - Showmanship
 - Supervised Agriculture Experience (SAE)
 - Country Ham Projects
- Cost-share on a 50/50 basis
- Eligible up to \$1,500. per program year
- Youth must complete educational components
- Money for on-farm investments available

**APPLICATION PERIOD
NOVEMBER 1- DECEMBER 1, 2024**

APPLICATIONS AVAILABLE FROM:
Mercer County Extension Service
1007 Lexington Road, Harrodsburg, KY 40330
8:00 a.m. - 4:30 p.m. Monday-Friday

bit.ly/yaipinformation

FOR MORE INFORMATION: Call 859-734-4378

Dana Anderson dana.anderson@uky.edu
Linda McClanahan linda.mcclanahan@uky.edu