

Agriculture Extension News

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a note from the agent

Whitney Carman,
Grayson County Agent for
Agriculture and Natural Resources

Please read through the newsletter to catch up on the upcoming programs and ag topics. It is important to note that this will be the last paper newsletter. Going forward, newsletters will only be sent via email and text. Newsletters will also be posted on our Facebook page, Grayson County KY Cooperative Extension (@GraysonCountyCES). To sign up for emails, you can scan the QR code at the right of the page, call the office, or email Ally_Jones@uky.edu. To receive text messages with updates regarding ag programs at Grayson County Extension, text AGR to our office at (270) 259-3492. If you have questions or need assistance, our friendly staff can help guide you through the process. We hope that this will allow us to be more accurate in getting timely information out to our clientele.



Whitney L. Carman

Forage Timely Tips - July

- Continue grazing available summer annuals (millets, sorghum/sudangrass, crabgrass, etc).
- Apply 40-60 lb N/A tp 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.



This issue:

Forage Timely Tips, New UK Weather App, how to handle heat stress in beef cattle, CAIP, KWOA Regional Meeting, Small Ruminant Boot Camp and Parasitology Clinic, Second Annual Farm to Fork Dinner and Farmers' Market

Save the Dates

July 29 | CAIP Informational Session
August 7 | Last day to turn in CAIP
September 4 | Rinse & Return
September 5 | Farm to Fork
September 14 | Small Ruminant Boot Camp
October 1 | Forage Renovation Demo
October 15 | Marketing for All - TBA
October 29 | Marketing for All - TBA



UK Launches New “Weather Alert” Smartphone App

I’m excited to present a new smartphone app called "Weather Alert," developed in collaboration between the UK Ag Weather Center, UK Center for Computational Sciences, and Southeastern Center for Agricultural Health and Injury Prevention (SCAHIP). The goals of this app are twofold: to heighten awareness during extreme weather conditions and secondly, to empower Kentucky farming operations with valuable insights for management and production-related decisions.



Made possible through support from Smith-Lever/Land Grant Engagement funding, SCAHIP, and the UK Department of Biosystems & Ag Engineering, the initial phase of app development is now COMPLETE. This includes a user-friendly design for easily accessing current and forecast weather data, including a high-resolution radar interface. This app also seamlessly integrates the ability to deliver timely warning and watch alerts directly to your mobile device, all accessible through your phone's GPS location or other designated areas of interest.

The app can be accessed for each platform by scanning or clicking the QR codes below.



for iOS



for android

Phase two of app development will start in the coming weeks, where tools from the Ag Weather Center will be updated and modernized to create a GPS-enabled, county-by-county ag weather product for the Bluegrass State. We'll then turn our attention to disaster readiness in phase three, focusing once again on a county-by-county product.

*continued on next page

Loan Items

- castration banders & bands
- cattle chute*
- cattle scales
- freeze branding materials
- grain moisture lester
- hay moisture probe
- hay probe
- pH meter
- sheep shears
- soil penetrometer
- soil probe
- windrow moisture tester

Monthly Meetings

Grayson County Agriculture Development Council:
second Tuesday of each month

Grayson County Beekeeper’s Association:
last Thursday of each month

Grayson County Cattlemen’s Association:
second Thursday of each month

Master Gardener Association of Grayson County:
third Monday of each month



Last but not least, this app is completely FREE with NO ADS! One of the best compliments I received a few weeks ago was from a farmer in Boyle County. She mentioned that this is the first weather app she could use in her rural location that doesn't bog down because of ads! Please share with friends and family! While the focus is on the state of Kentucky, you can utilize this app anywhere across the United States. I've included some screenshots of the iOS version below for reference. As mentioned above, this app is being completed in three phases, and I'm more than open to suggestions and comments as we move forward in development. You can send those to our email at weather.alert@uky.edu. Ultimately, the goal is for this app to be your go-to source for your ag weather needs and staying weather aware!

Matthew Dixon, UK Senior Meteorologist
(859) 218-4363 | Matt.Dixon@uky.edu

How to handle heat stress in beef cattle

Stress in cattle can come from a variety of places. There are stresses that can be limited by management practices, but when it comes to environmental stressors, there may not be much you can do. "Stress can come from excessive heat, natural disasters, snowstorms, hurricanes or anything that is going to create an immediate and abrupt change in the environment," says Lee Jones, DVM, Boehringer Ingelheim. "Cattle have the ability to adapt, but anything that's a really abrupt change causes stress, and the more severe the change, the more severe the impact of stress."

Cattle need time to cool down after experiencing hot temperatures, says Eric Moore, DVM, Norbrook. This usually happens at night from 3 p.m. to 3 a.m. However, when it stays above 78°F, it doesn't let that heat dissipate in the cooling time. This is what creates heat stress and exhaustion.

"Stress has a physiological impact," Jones says. "We begin to see signs most of the time when we see cattle don't have appetites or start to become sick. Cattle may lie around more often and don't have normal grazing behavior. Anytime that you see a significant behavior change, try to find the cause."

Excerpt of article by Abigail George, Editor / Progressive Cattle. For the full article, scan the QR code below or go to AgProud.com to sign up for Progressive Cattle, Progressive Forage, Progressive Dairy, and other publications.



Cooperative Extension Service

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Family and Consumer Sciences
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MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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



Disabilities
accommodated
with prior notification.

MONEY FOR ON-FARM
INVESTMENTS AVAILABLE...

COUNTY AGRICULTURAL INVESTMENT PROGRAM (CAIP)



**Grayson County Cattlemen's
Association**

P.O. Box 231
Leitchfield, KY 42755
(270)242-7416
(270)230-4489

Michelle.leveronne@gmail.com

Visit Kentucky Ag. Develop Funds
website for more details or directions.

Applications will be available for Grayson
County's CAIP to assist farmers in making
important on-farm investments.

Application Period:

July 23rd – August 7th, 2024

No applications will be accepted after Aug. 7th.

Application Availability:

Grayson County Extension Office
Monday – Friday (8 a.m. – 4:30 p.m.)

For More Information:

Contact Michelle Leveronne at (270)230-4489
or Email at michelle.leveronne@gmail.com

*All applications are scored, based on the scoring criteria
set by the Kentucky Agricultural Development Board.*

CAIP applications will be available to pick up at our office July 23rd through August 7th.

Important Dates:

We will be having an informational session on Monday, July 29th at 6PM here at the office. Please come with any questions you might have! You will be able to pick up, fill out, and turn in your application that night.

Robin with USDA-NRCS will be available the night of the informational session with all prior AWQPs to review and update. Robin will also be set up and available Thursday, August 1 9-11AM and 5:30-7:30PM to review and update AWQPs.

Program Contact:
Michelle Leveronne
(270) 230-4489

Michelle.Leveronne@gmail.com

*Michelle does not work out of the Grayson County Extension Office. All questions should be directed to her via phone or email. Always leave a voicemail if she does not answer!



**Kentucky Woodland
Owners Association**
www.kwoa.net

Got Woods? Let's Talk

KWOA Regional Meeting

Open to All Woodland Owners

August 6, 2024

6:30 - 8:30 PM CST

Ohio County Extension Office 1337

Clay Street

Hartford, KY 42347

Please RSVP to Phone: 270-298-7441

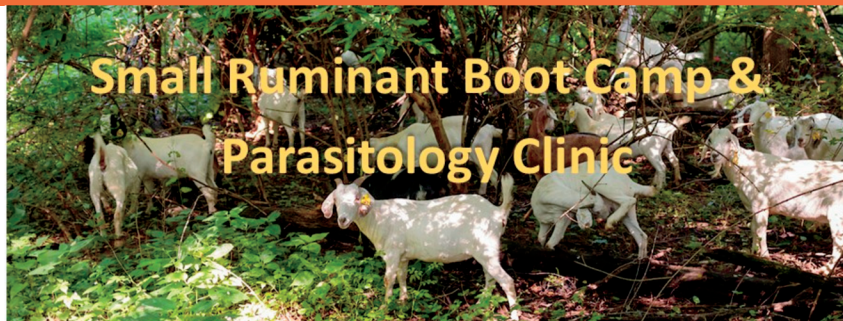
Email: ohio.ext@uky.edu

Meeting Topics

- Learn about KWOA
- Kentucky Division of Forestry will discuss stewardship plans and controlled burns.
- NRCS will discuss cost share for woodland owners
- Organize group to attend woodland owner field day on Aug 10 Field Day in Hart County (see other side of flyer).

KWOA is partnering with the Ohio County Extension Office and UK Forestry and Natural Resources Extension to host this event.

Please RSVP by July 29, 2024.



Small Ruminant Boot Camp & Parasitology Clinic

Registration limited to 20 households

Price: \$35— includes 1 FAMACHA and lunch

Additional lunches- \$10 each

Register at <https://www.kysheepandgoat.org/product-page/small-ruminant-boot-camp-and-famacha-srga-certification>

Registration deadline: Sept 6th

Sponsored By:

Online

Aug 19, Aug 24, Sept 2

In-person Clinic,

9:15am-4:15pm, Sept 14th,
Grayson County Extension Office, 64
Quarry Road, Leitchfield, Kentucky
42754

Hosted By:





second annual
Grayson County Farm to Fork Dinner

09.05.24
Save the Date

Thursday, September 5, 2024 | Downtown Leitchfield

The goal of our Farm to Fork Dinner hosted by our County Extension Council is to increase awareness of the local food movement while also benefiting a local non-profit organization through ticket sales and sponsorships. The dinner highlights local farmers' markets, local horticulture businesses, and other local food system partners.

Produce, meats, and breads are sourced from Almosta Farm, Country Fresh Pork Products, Heavenly Hill Blueberries, Honey Vale Farm, Knead the Dough, Laurel Creek Farms, M&M Farms, The Farm at Rough River and the Yoders.

Last year's Farm to Fork Dinner allowed us to donate more than \$3,000 to the Grayson County FFA Alumni and Supporters. This year's benefitting non-profit will be announced soon.

We are taking sponsorships up until the day of the event. To be included in print advertisements sponsorship payments must be received by Wednesday, August 7. Thank you to our presenting sponsor, Grayson County Fiscal Court!

Farm to Fork tickets go on sale Thursday, August 1 and can be bought at the Grayson County Extension Office. Tickets are \$50 each and are first come, first served.