

Fayette County Agriculture & Natural Resources Newsletter

July 2025

 Cooperative Extension Service

Cooperative Extension Service
Fayette County Extension
1140 Harry Sykes Way
Lexington, KY 40504-1383
Phone (859) 257-5582
Email: fayette.ext@uky.edu
<http://fayette.ca.uky.edu/>

Hello all,

Happy July! It is hard to believe how fast the year is flying by. This newsletter is packed full of upcoming events and information. One of the biggest things I encourage you to read through is the information on heat stress in both your livestock and you.

I also encourage you to complete the Community Arts survey on page 5. We are excited for Treyton to be a part of the Fayette County Extension team and to see all the programming he has to offer.

Feel free to reach out with any questions! Stay hydrated and stay safe!



Allison Tucker
Fayette County Extension Agent for
Agriculture & Natural Resources
allison.tucker@uky.edu
(859) 257-5582

UPCOMING EVENTS

July 22, 2025 ~ UK Princeton Field Day;
UKREC, 300 Extension Farm Rd, Princeton, KY; For more information, please go online to <https://wkrec.ca.uky.edu/events>

August 5 & 12, 2025 ~ Hook and Cook;
Fayette County Extension Office, 1140 Harry Sykes Way, Lexington; For information on how to register and to learn more about this event, please see the flyer in this newsletter. Registration is required to attend.

August 9, 2025 ~ Cost Share Opportunities on Horse Farms; Texata Farms, Versailles, KY; 9:00am-1:00pm; Please see the flyer in this newsletter for more information and how to register for the event.

August 14-24, 2025 ~ Kentucky State Fair;
Kentucky Exposition Center, Louisville, KY; For more information, please go online to <https://kystatefair.org/>

September 24, 2025 ~ 2025 Intermediate Grazing School; Woodford County Extension Office, Versailles, KY; Closer to the date of the event, more details will be posted online at <https://forages.ca.uky.edu/events>

October 28, 2025 ~ 2025 KY Grazing Conference - East; Clark County Extension Office, Winchester, KY; Closer to the date of the event, more details will be posted online at <https://forages.ca.uky.edu/events>

Cooperative
Extension Service

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

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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, physical or mental disability or reprisal or retaliation for prior civil rights activity. Reasonable accommodation of disability may be available with prior notice. Program information may be made available in languages other than English. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating. Lexington, KY 40506



Disabilities
accommodated
with prior notification.



Oven-Fried Fish Fillets

For Plate It Up! recipes, visit:
<http://fcs-hes.ca.uky.edu/content/plate-it-kentucky-proud>



This institution is an equal opportunity provider. This material was funded by USDA's Supplemental Nutrition Assistance Program — SNAP.



USDA
Supplemental
Nutrition
Assistance
Program



University of Kentucky
College of Agriculture,
Food and Environment
Cooperative Extension Service

Oven-Fried Fish Fillets

- 1 pound fish fillets
- 2 tablespoons lemon juice
- 2 tablespoons vegetable oil
- ¼ cup shredded parmesan cheese
- ¼ teaspoon dill weed
- ¼ teaspoon salt
- ¼ teaspoon pepper
- 2 cups cornflake-type cereal, crushed

Preheat oven to 350 degrees Fahrenheit. Grease a 13x9 baking dish. Cut fillets into serving pieces, if necessary. In a small bowl, combine lemon juice and vegetable oil. In a separate small bowl, mix Parmesan cheese, dill weed, salt, and pepper. Dip each fillet into lemon juice mixture. Lay in baking dish, sprinkle with cheese mixture, and coat with crushed cereal. Bake uncovered for 20 to 30 minutes or until fish flakes easily.

Yield: 4 servings

Adapted from "Fish and Game Cookbook" by Bonnie Scott, Copyright 2013, Bonnie Scott

Nutrition Facts

4 servings per container
Serving size 4 ounces (110g)

Amount per serving
Calories 200

	% Daily Value*
Total Fat 6g	8%
Saturated Fat 1g	5%
Trans Fat 0g	
Cholesterol 80mg	27%
Sodium 330mg	14%
Total Carbohydrate 12g	4%
Dietary Fiber 0g	0%
Total Sugars 1g	
Includes 0g Added Sugars	0%
Protein 24g	
Vitamin D 1mcg	6%
Calcium 97mg	8%
Iron 6mg	35%
Potassium 449mg	10%

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

For Cook Wild Kentucky recipes, visit:

<https://www.planeatmore.com/recipes>



Forage Timely Tips: July

Source: **UK Forage News**, <https://kyforagenews.com>

- Make plans to attend summer field days.
- Clip pastures to remove weed seeds and release vegetative growth.
- Slow rotational grazing to allow a longer recovery period.
- Begin making plans for which pasture to stockpile for winter grazing.
- Begin making plans for pastures and hayfields that need overseeding/reseeding in September.

High heat prompts livestock safeguards across Kentucky

By just changing a few things, cattle producers and horse owners can keep their animals healthy through dangerously hot weather.

By: Jordan Stickler

An unseasonably intense heat dome has settled over Kentucky, sending afternoon highs into the mid-90s and pushing the livestock heat-stress index into dangerous—and at times emergency—levels.

Specialists go by what is called the “livestock heat stress index” to determine the level of concern farmers and pet owners should have for their animals. When the index reaches danger and emergency levels in the spring and summer, University of Kentucky Martin-Gatton College of Agriculture, Food and Environment experts urge people to take certain precautions to ensure the safety and health of their animals.

The livestock heat-stress index blends air temperature and humidity to gauge how hard animals must work to shed body heat. Readings in the danger range reduce feed intake and fertility; emergency readings can cause respiratory distress or death. The greatest risk comes from late morning through early evening, when temperature, humidity and solar load peak.

County-level index maps and alerts are available through the UK Agricultural Weather Center (<http://weather.uky.edu>).

Beef cattle: shade, water and timing

Cattle cool inefficiently because they sweat very little. This makes shade one of the most important things cattle can have when it comes to high temperatures, as shade lowers radiant heat load by up to 20 degrees Fahrenheit.

“A common mistake that is made with shade is not providing enough shade per animal,” said Katie VanValin, assistant professor in the Department of Animal and Food Sciences. “Cattle have a thermoneutral zone, which is a range of temperatures and humidity where they do not need to expend extra energy to maintain their body temperature. Beef cows need around 30 to 40 square feet of shade per head, with calves requiring 15 to 20.”

Cattle on dry lots can benefit from permanent roofs or shade cloth set four to eight feet above ground to let breezes flow.



Cattle drinking from a watering station.
Photo by Matt Barton.

Continued on next page

Continued from previous page: High heat prompts livestock safeguards across Kentucky

Water intake rises sharply in hot weather, especially for lactating cows who may drink 30 gallons or more each day. Wide trough space, short walking distances and frequent cleaning keep tanks appealing for the animal.

“Research shows that cattle drink less when water is dirty, so ensure cattle have access to clean drinking water at all times,” VanValin said. “This includes cleaning waterers and troughs regularly. Steps should be taken to prevent cattle from entering ponds, as wading and defecating in the water can increase dissolved solids and decrease consumption. It is important to monitor all water sources regularly to ensure cattle always have access to clean water, as dehydration can cause death quickly.”

Mineral supplements should stay close to water sources to replace sodium, potassium and magnesium lost through heavier urination.

Rumen fermentation peaks four to six hours after a large meal. Shifting most of the daily ration to late afternoon pushes this internal heat pulse into cooler night hours. Any gathering for vaccinations, weighing or transport should finish by mid-morning.

Horses: airflow, hydration and salt

Like cattle, horses can have some of the same problems once air temperature passes 90 degrees, with high humidity magnifying the strain. UK equine extension specialist Bob Coleman, equine extension specialist in the Department of Animal and Food Sciences, also advises owners to ensure all animals have a good source of cool, clean water and make sure outdoor waterers and containers are kept clean.

“Consider the heat index when managing your horses,” Coleman said. “While horses sweat to help dissipate heat when the humidity is high, the process of sweating is compromised and may not be as effective.”

Like cattle, hot weather also increases horses’ need for salt because they lose the mineral during sweating. Making sure horses have access to a source of salt, either as a block or loose, is critical. Coleman also advises owners to ride or haul during only the coolest hours.

“With the heat and humidity, you might need to change when you ride or work the horses. Is an early morning schedule better than midday?,” Coleman said. “After working or in an aid to cool horses off, hosing them off and leaving the water on the horse to evaporate is a good plan. The evaporation helps with cooling.”

Barn airflow is as important as pasture shade. Open opposing doors, point fans down barn aisles and keep hay or equipment from blocking cross-ventilation. Horses kept outdoors should have access to large tree canopies or run-in shelters; some individuals will still graze in full sun, but ready shade lowers overall herd stress.

For more information on how to keep your livestock safe, contact your local extension office.

For the Fayette County Extension Office, please contact:

Allison Tucker, Fayette County Extension Agent for Agriculture & Natural Resources

allison.tucker@uky.edu

(859) 257-5582

Interest Survey

Fayette County Cooperative Extension wants to hear from you! The newly established Community Arts program is seeking input from individuals as well as local arts-based non-profits and businesses to guide their future programming and partnerships. Scan the QR code below to ensure your voice is heard!



Fayette County Community Arts Agent: Treyton Blackburn
Contact: treyton.blackburn@uky.edu

Publication Spotlight:

Interpreting Baleage Fermentation Test Results (AGR-283)

Baleage is the wrapping of bales of wilted forage such that anaerobic fermentation occurs. Most commonly made with large round bales, larger rectangular bales may also be stored as baleage. Getting a fermentation report and fully understanding its terms will provide many insights into the adequacy of fermentation including how to recognize poor quality baleage.

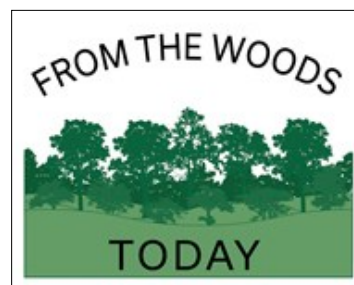
The publication can be found on line at
<https://publications.ca.uky.edu/agr-283>

If you would like a hard copy of AGR-283 mailed to you, please email allison.tucker@uky.edu.

From the Woods Today

University of Kentucky Forestry and Natural Resources Extension is offering relevant information about woodlands in a weekly internet show. "From the Woods Today" airs live on **Wednesdays at 11:00am**. Links to the live shows are posted just prior to the show.

For more information and links to the previous shows, please go online to
<https://forestry.ca.uky.edu/woods-today>



Heat Exhaustion

ACT FAST

- Move to a cooler area
- Loosen clothing
- Sip cool water
- Seek medical help if symptoms don't improve

Dizziness

Thirst

*Heavy
Sweating*

Nausea

Weakness



Heat Stroke

ACT FAST

CALL 911

- Move person to a cooler area
- Loosen clothing and remove extra layers
- Cool with water or ice

Confusion

Dizziness

*Becomes
Unconscious*

Heat exhaustion can lead to heat stroke.

Heat stroke can cause death or permanent disability if emergency treatment is not given.

Small and Back Yard Poultry Webinars

Welcome to the world of poultry! As part of the online United States Cooperative Extension System, known as eXtension, the following webinars will be held in 2025. All webinars begin at 3:00pm Eastern Time. Pre-registration is required. To see a full list of webinars, past and future, and to register, please go online to <https://poultry.extension.org/webinars>.

August , 2025 ~ TBD

September 3, 2025 ~ Poultry Poopology 101 - Dr. Jennifer Timmons, University of Maryland, Eastern Shore

October , 2025 ~ TBD

November 4, 2025 ~ Raising black soldier fly larvae for feeding chickens - Dr. Anne Fanatico, Sustainable Development Department, Appalachian State University

December 2, 2025 ~ Choice feeding as a management tool for chickens - Dr. Anne Fanatico, Sustainable Development Department, Appalachian State University

University of Kentucky BBQ Basics Program

Do you want to step-up your BBQ game or do you want to learn how to BBQ? The University of Kentucky BBQ Basics is the program you need to go from grilling to BBQing and become the King/Queen of the Cul-de-sac. Take a tour of the major BBQ regions of the country and never leave the W.P. Garrigus Building parking lot. Learn from our local experts and sample the BBQ. Come hungry and leave full. We will end the evening at the UK James B. Beam Distillery on campus for a bourbon tasting and discussion on pairing bourbon, bourbon cocktails, and local beer with BBQ. The BBQ Tour: Make your own BBQ rub, California Tri Tip, Memphis Pork Ribs, North Carolina Pulled Pork, Kansas City Burnt Ends, Texas Brisket.

This program will meet on Friday, July 25, 2025, 2:00-7:00pm EDT, at the University of Kentucky Meat Science Laboratory and B52 of the W.P. Garrigus building. **Cost: \$75/person**, seating is limited to 30 people. Register online at <https://www.eventbrite.com/e/university-of-kentucky-bbq-basics-tickets-1389485551689?aff=oddttdcreator>.

Questions/Contact: Dr. Gregg Rentfrow, Ph.D. (gregg.rentfrow@uky.edu; 859-257-7550)

Kentucky Weather Alert App

This ad-free app from the UK Ag Weather Center is an excellent resource for staying safe and informed. It provides daily and hourly forecasts, high-resolution radar, National Weather Service alerts sent directly to your phone, and a link to this update. Without any distracting ads, this app can act as another reliable warning source during tonight's severe weather. Be sure to check it out by scanning or clicking the QR codes below to download the app on both iOS and Google Play platforms



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 the Fayette
County Extension

Office to sign up.
859-257-5582

Martin-Gatton
College of Agriculture,
Food and Environment

DEADLINE TO REGISTER:
September 29

Cooperative
Extension Service

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

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Individuals requesting Kentucky Cooperative Extension services are asked to provide their date of birth, race, ethnicity, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, and disability status. This information is used for program evaluation and to ensure that the program is accessible to all. The University of Kentucky, Kentucky State University, US Department of Agriculture and Kentucky Counties, Cooperating Lexington, KY 40506



Disabilities
with prior notification

COST SHARE OPPORTUNITIES ON HORSE FARMS

Field day hosted by University of Kentucky
Extension and Texata Farms

HIGHLIGHTS

- See conservation practices on a working farm
- On-site cost share applications
- Educational lectures
- Free to attend – breakfast included!

Event Information:

SAT., AUGUST 9, 2025

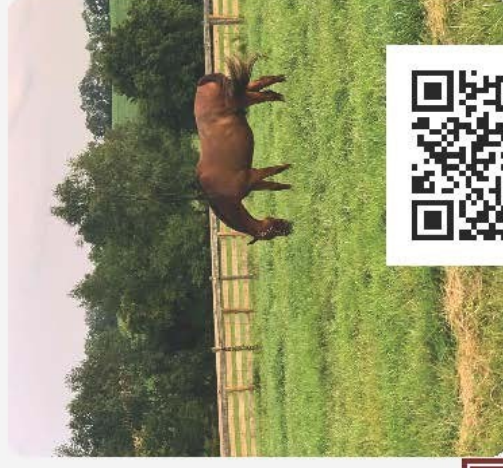
From 9 AM – 1 PM

4665 Troy Pike, Versailles, KY 40383

Martin-Gatton
College of Agriculture,
Food and Environment
University of Kentucky

KADF
KENTUCKY AGRICULTURAL
DEVELOPMENT FUND

TEXATA
FARMS



RSVP at <https://CostShareeventbrite.com> or scan the QR code



HOOK and COOK

HARVEST YOUR OWN LOCAL MEAT

HOOK AND COOK

Learn the basics of fishing, including rod and reel setup and fish cleaning. This class is held at the Fayette County Cooperative Extension Office. Fishing will be at Jacobson Park.

Lexington, KY

August 5th, 2025

August, 12th 2025

*Please plan to attend both dates

Event Details

Fayette County Cooperative Extension Office

Harry Sykes Way, Lexington, KY
40504

Time: 5:00 p.m.— 8:30 p.m. (EST)

To sign up for this event scan this QR code with the camera on your smart device.



<https://app.fw.ky.gov/eventregistration/startpage.aspx?REGID=463>

More info: alex.cline@ky.gov or 502-330-5364



YouTube

Weekly Kentucky Livestock and Grain Summary

USDA Livestock, Poultry and Grain Market News

Frankfort, KY

Monday, July 7, 2025

For Week Ending:

Saturday, July 5, 2025

Receipts: 981

Last Week: 10,023

Last Year: 1,338

There is no comparison statement as most markets were closed for the independence day holiday.

[View Full Summary](#)

Steers (M&L 1-2)

	<u>This Week</u>	<u>Prior Week</u>	<u>Last Year</u>
350-400 lbs	405.00	392.92	223.99
400-450 lbs	405.00	390.43	222.12
450-500 lbs	368.18	381.10	227.64
500-550 lbs	355.00	363.55	222.07
550-600 lbs	354.28	353.01	224.37
600-650 lbs	328.00	330.52	221.60
650-700 lbs	313.53	318.42	227.74
700-750 lbs		307.06	215.44
750-800 lbs		297.19	215.35
800-850 lbs	279.36	302.52	213.53
850-900 lbs		281.93	209.00

Heifers (M&L 1-2)

300-350 lbs	330.05	373.77	213.64
350-400 lbs	325.14	374.95	216.64
400-450 lbs	318.66	354.66	219.16
450-500 lbs	323.20	345.59	218.88
500-550 lbs	295.84	328.07	211.80
550-600 lbs	314.86	318.26	207.44
600-650 lbs	282.98	299.87	203.52
650-700 lbs	282.00	287.41	193.36
700-750 lbs	212.00	290.08	191.98
750-800 lbs		268.34	193.61

WEEKLY COW SUMMARY

Slaughter Cows

	<u>Average</u>	<u>High</u>	<u>Low</u>
Breakers	151.00-166.00	172.00-178.00	
Boners	149.00-169.00	166.00-200.00	130.00-148.00
Lean	97.00-150.00	151.00-179.00	85.00-134.00

Slaughter Bulls

	<u>Average</u>	<u>High</u>	<u>Low</u>
Yield Grade 1&2	180.00-201.00	200.00-214.00	149.00-179.00

[View Full Report](#)

Jun 26, 2025

Bowling Green, KY

SLAUGHTER GOATS: 207

Kids Selection 2 52-53 lbs 220.00-330.00; 66 lbs 360.00.

Selection 2-3 58 lbs 285.00.

SLAUGHTER SHEEP: 652

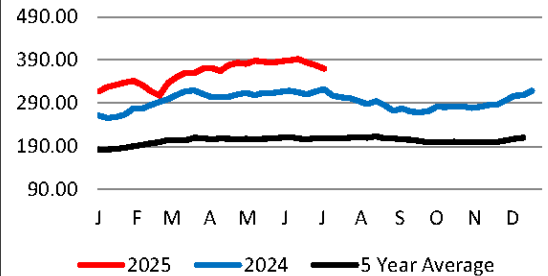
Hair Breeds-Choice & Prime 1-2 57 lbs 250.00; 60-67 lbs 240.00-245.00; 76-77 lbs 225.00-227.50; 89 lbs 210.00; 96 lbs 215.00; 108 lbs 217.50. Choice 2 58 lbs 240.00; 64 lbs 232.50; 75 lbs 202.50; 87 lbs 202.50. Woolled-Choice and Prime 1-2 73 lbs 255.00; 91 lbs 210.00; 116 lbs 212.50. Choice 2 56 lbs 237.50; 75 lbs 230.00.

[View Latest Grain Report](#)

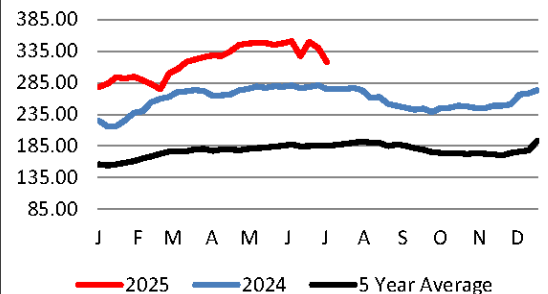
GRAINS

	<u>This Week</u>	<u>Prior Week</u>	<u>Last Year</u>
Corn	4.06-4.62	4.05-4.48	4.47-5.74
Soybeans	10.06-10.91	9.78-10.83	13.97-15.88
Red Winter Wheat	4.68-5.37	4.41-5.57	5.47-6.59

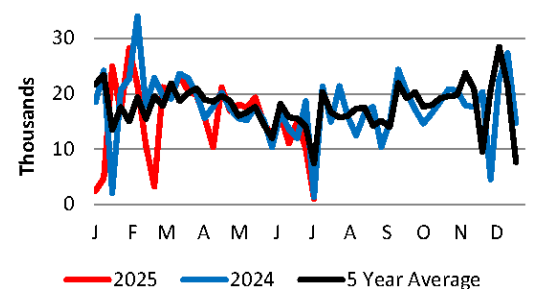
WEEKLY 400-600 LB FEEDER STEER M&L 1-2 WEIGHTED AVERAGE PRICE (\$/CWT)



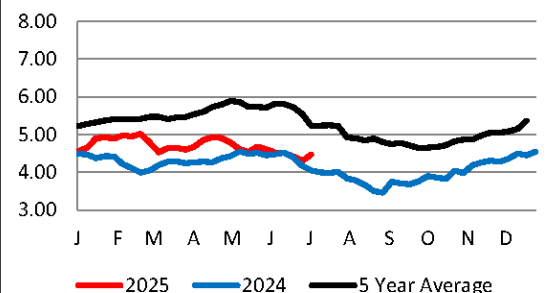
WEEKLY 400-600 LB FEEDER HEIFER M&L 1-2 WEIGHTED AVERAGE PRICE (\$/CWT)



WEEKLY KENTUCKY CATTLE AUCTION RECEIPTS



WEEKLY KENTUCKY CORN BID AVERAGE PRICE (\$/CWT)



USDA-KY Livestock, Poultry & Grain Market News

Frankfort, KY

Levi Geyer, OIC 502-782-4138

Email: Levi.Geyer@usda.gov

[USDA Livestock, Poultry, and Grain Market News](#)

Cooperative Extension Service

Fayette County Cooperative Extension
1140 Harry Sykes Way
Lexington, KY 40504-1383

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Fayette County Cooperative Extension Agriculture & Natural Resources Newsletter

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Allison Tucker
County Extension Agent for Agriculture
& Natural Resources
Cooperative Extension Service
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1140 Harry Sykes Way
Lexington, KY 40504-1383
(859) 257-5582



Office Hours: 8:00am - 4:30pm - Monday-Friday

UNIVERSITY OF KENTUCKY,
KENTUCKY STATE UNIVERSITY, U.S.
DEPARTMENT OF AGRICULTURE, AND
KENTUCKY COUNTIES, COOPERATING



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