

Agriculture and Natural Resources Newsletter

**PIKE COUNTY EXTENSION OFFICE
148 TRIVETTE DRIVE PIKEVILLE, KY 41501**

A note from your ANR agent:

With the extreme heat and humidity we've been experiencing, it is important to take precautions to stay safe. Be sure to stay hydrated, pace yourself, and take regular breaks when possible. Always let someone know when you are working in the field, in case of a heat-related emergency. For livestock, ensure they have access to plenty of cool, clean water and adequate shade. Be sure to read additional tips in this newsletter and recognize the signs of heat stroke and heat exhaustion.

The Pikeville Farmers Market is in full swing! Come out and support our local farmers and crafters on Saturdays and Tuesdays with fresh local produce, handmade goods, and more. Don't miss this month's ANR program meetings listed on pages 2 and 3. Stay safe, stay cool, and take care of one another!

Emily Davis
County Extension Agent
for Agriculture and Natural Resources

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Emily Davis



A word from our new ANR assistant



Hi! My name is Mary Catherine and I am your new Agriculture and natural resources assistant here at the Pike County extension office! I am excited to hit the ground running, and I hope that my knowledge and experience will be beneficial to the community here in Pike County



I am a 2022 graduate of Morehead State University where I majored in General Agriculture Sciences. I am an avid flower gardener, music fan, and animal lover. I have two dogs, Rowdy and Cletus, and two cats, Dallas and Peaches. In my free time I enjoy making bouquets, spending time with my bonus son, and listening to podcasts.



Please don't hesitate to reach out if I can be of assistance! I am grateful for this new chapter with UK cooperative extension, and I look forward to meeting everyone and learning how I can help local farmers and gardeners.

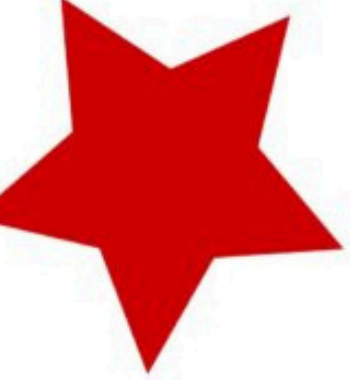
Mary Catherine

Save the Date

- **July 7th : Pike County Beekeepers Association Meeting at Pike County Extension office, 4th of July potluck, 6:00 PM.**
- **July 10th : Master Gardener Meeting at Pike County Library. Guest Speaker Lori Bowling with a presentation about herbs, 5:30 PM.**

Be sure to check out the events calendar and flyers on the following pages!





July

2025



MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

SUNDAY

	1 Farmers Market 4:30-7:00	2	3	4 OFFICE CLOSED	5 Farmers Market 9:00 -1:00	6
7 Beekeepers Assoc. Meeting 6:00 PM	8 Farmers Market 4:30-7:00	9	10 Master Gardeners at Pike County Library 5:30	11	12 Farmers Market 9:00-1:00	13
14	15 Farmers Market 4:30-7:00	16	17	18	19 Farmers Market 9:00-1:00	20
21	22 Farmers Market 4:30-7:00	23	24	25	26 Farmers Market 9:00-1:00	27
28	29 Farmers Market 4:30-7:00	30	31			

Pike County Master Gardeners

Join the Master Gardeners for:

**Growing and Caring for
Herbs
a presentation by
Horticulturalist Lori Bowling**

**When: Thursday, July 10th, 5:30
PM Where: Pike County Public
Library, 126 Lee Avenue**

**Herbs are some of the easiest
plants to grow and the use of
herbs for home culinary
purposes is on the rise.**

**Learn where and how to
grow a beautiful garden of
fragrant, flavorful herbs for
your own kitchen**

Free, friendly, and open to gardeners of all skill levels



Community nature hike



Join City of Pikeville Parks and Rec and the Pike County Extension office for a free guided hike. Learn about local trees and plants and how to identify them.

Saturday July 26th, 8:00 AM Bob Amos Park near the walking trail

FOR MORE INFO
CALL
606-432-2534
All ages welcome!



SPONSORED BY: PIKE COUNTY CONSERVATION DISTRICT, PIKE EXTENSION & PIKEVILLE FARMERS MARKET

FALL FESTIVAL

AG DAY EVENT

SEPTEMBER 6TH | 9AM TO 2PM

FARMERS MARKET PAVILION

- HONEY TASTING CONTEST
- BIGGEST PUMPKIN CONTEST
- CORN EATING CONTEST
- CHILI COOK OFF
- BAKE OFF
- GAMES FOR KIDS
- EDUCATIONAL BOOTHS & DEMONSTRATIONS

VENDORS SPACE AVAILABLE!

REGISTER FOR EVENTS THROUGH THE QR CODE



**FOR MORE
INFORMATION CALL:
606-432-4695 OR
606-432-2534**



Fall Festival AG Day Event

VENDORS WELCOME!

(requires City License + \$25 booth fee)



Register Here



For more information call 606-432-2534 or 606-432-4695

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

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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.



Cooperative
Extension Service

FALL FESTIVAL AG DAY EVENT

Bake Off

Ages 5-16 Cupcakes, Brownies, cookies
17 & Up Cakes, Pies, Biscuits



Pikeville Farmers Market Pavilion
Entries must be brought by 9AM
Saturday, September 6th

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Chili COOK OFF

SATURDAY,
SEPTEMBER 6TH

Entries need to be brought to the
Farmers Market Pavilion at 11am.
Judging will begin at 1:00pm.

For more information please
call the number below.

606-432-2534 OR 606-432-4695

Cooperative
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AG EXPLORERS CLUB

Join ANR & 4-H for interactive lessons to grow & share a love for agriculture! Call the extension office at 606-432-2534 to sign up!

Meeting Dates & Times

Aug 9 8:30-10:30 AM

Sep 9 5-6:30 PM

Oct 11 8-12 PM

Nov 15 5-6:30 PM



**Ages
9-14**

**Master
Gardeners
Learn from &
grow with local
master
gardeners!**



Bees

**Learn from
local
beekeepers!**



**Farmers
Market Fun**

**Meet local
farmers & learn
about our
farmers market!**

**Hiking
Explore a
trail & all it
has to offer!**



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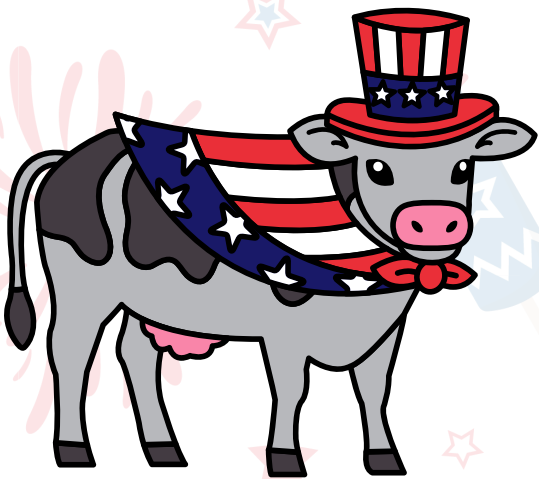


Disabilities
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with prior notification.

FIREWORK SAFETY

How to prepare your livestock

- 1. Check fence lines and gates prior to the holiday to ensure that your livestock stays safe and confined during the fireworks show.**
- 2. Make sure your animals have a halter or tag with your information incase they get startled and bolt.**
- 3. Following the event, check your pastures to ensure there is no debris from the fireworks that could be harmful if ingested.**



Information provided by the American Veterinary Medical Association,
<https://www.avma.org/resources/pet-owners/petcare/july-4-safety>

Tick Identification and testing



Did you know that the University of Kentucky Entomology department offers tick identification and testing? While this is not a medical diagnosis service, this service can be helpful to monitor and survey tickborne issue in Kentucky.

A tick submission form must be completed along with the specimen

DO:

- Use tweezers to pick up the tick.
- Use alcohol to submerge the tick for 24 hours.
- Double bag the specimen and ship in a padded envelope.

The service is only available to Kentucky residents.

DO NOT:

- Mail in live ticks
- Send ticks in paper envelopes alone
- Ship samples with alcohol in them
- Squish ticks between pieces of tape

**More information can be found at
www.s://entomology.ca.uky.edu/ticksurveillance2022**

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Hot Topic: Spongy Moth

Spongy Moth, (*Lymantria dispar*), was accidentally introduced in Massachusetts in 1869. The first outbreak occurred in 1889, and the spongy moth is now established throughout the northeastern United States. Females often lay egg masses on things like cars and outdoor furniture which are then accidentally transported by people, spreading the pest. These insects are so destructive because caterpillars can feed on more than 500 trees and shrubs. Oaks are a preferred host while apples, sweetgum, basswood, gray and white birch, poplar, willow, and hawthorn are also favored. Older instars can feed on hemlock, pines, and spruce. Caterpillars are recognizable since they have five pairs of blue dots and six pairs of red dots on their back and are very hairy. Adult female moths are large, white, and flightless while males are smaller, brown in color, and can fly.



Spongy Moth Caterpillar



Photo: Petr Kapitola

Pictured below is one of the Spongy Moth traps at the Pike County extension office. These traps contain Pheromones that are specific to the moth. If you see a similar trap in a tree, leave it be!





WATERING TIPS FOR YOUR SUMMER GARDEN

While consistent watering is crucial for establishing vegetable plants and during flowering/fruit development, optimal quality for some vegetables benefits from managed water limits.

Most vegetables need 1-2 inches of water weekly during critical growth stages. Continuous harvesters like tomatoes and peppers require steady moisture to stay productive and prevent issues.

Visit [UK Extension Publication ID-128](#) for more information.

The Impact of Heat Stress and Fescue Toxicosis on Beef Cattle Reproduction

Tyler Purvis, Les Anderson, Darrh Bullock, Kevin Laurent, Jeff Lehmkuhler, and Katie Van Valin. Animal and Food Sciences



Heat stress is a common problem facing beef-cattle producers cost the U.S. beef industry \$369 million dollars annually. Heat stress occurs when an animal is creating and absorbing more heat than they can dissipate, which increases core temperature and physiological stress. Common symptoms of heat stress include increased respiration rates, panting, or standing in water such as ponds or puddles. Heat stress results in negative impacts on growth, health, and reproduction. Cattle can have reduced conception rates, growth rates, and milk production during the summer. During severe heat stress, conception rates can fall to 10%-20% or lower compared to 40%-60% conception rates observed in cooler months.

The severity of heat stress is impacted by both temperatures and humidity. The temperature humidity index (THI), which combines temperature and humidity into one value, is used to evaluate the risk of heat stress. THI levels are classified as: normal (<75), alert (75-78), danger (79-83), and emergency (>84), according to the University of Nebraska Lincoln Beef Cattle Temperature Humidity Chart (Figure 1). This means that in Kentucky and surrounding states, heat stress can regularly impact cattle from May through October.

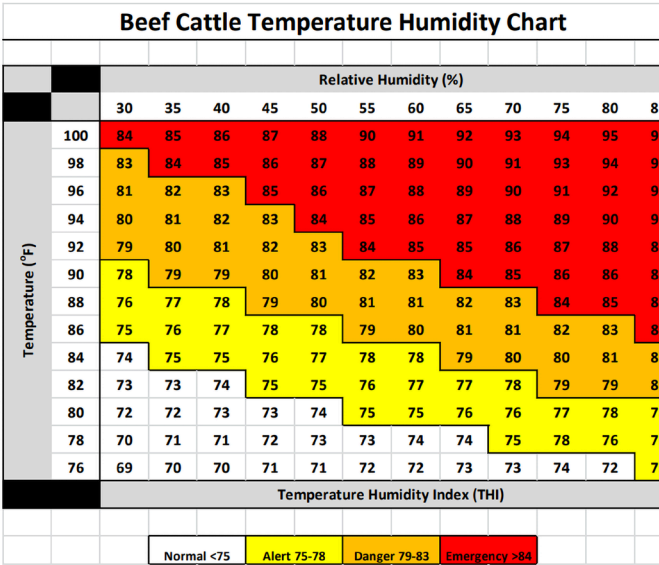


Figure 1. Cattle Temperature Humidity Index Chart. Source: University of Nebraska

4th of July

word scramble

DRE _____

LRASKRESP _____

WREFSKIRO _____

DOL ROYGL _____

UBEL _____

MURMES _____

MIFYLA _____

SEBYT SORS _____

DIYLAHO _____

BELTECNAROI _____

OLOP PYRAT _____

HEWIT _____

DARPAE _____

INOFBER _____

GALF _____

RAMEAIC _____

SSRAT DNA SERPITS _____

NEDPCEDENIN YAD _____

ABECUEBR _____

TIORACITP _____

WORD BANK:

OLD GLORY
PATRIOTIC
FIREWORKS
INDEPENDENCE DAY
PARADE
SUMMER
RED
BLUE
AMERICA
CELEBRATION

BARBECUE
BETSY ROSS
SPARKLERS
FAMILY
HOLIDAY
STARS AND STRIPES
FLAG
WHITE
BONFIRE
POOL PARTY



The background of the entire image is a light-colored, weathered wooden plank texture. Scattered across this background are various patriotic decorations: white and blue stars of different sizes, red and white striped banners, and small red, white, and blue confetti dots. Two large, rounded rectangular red boxes with blue text are overlaid on the background. The first box is in the upper half, and the second box is in the lower half.

**Happy 4th of July
from Pike County
Extension!**

**Our office will be closed
on Friday July, 4th.**