

REPORT TO THE PEOPLE



Bracken County 2023-2024

KENTUCKY  
COOPERATIVE EXTENSION

UK MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT
KSU COLLEGE OF AGRICULTURE, COMMUNITY AND THE SCIENCES



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4-H YOUTH DEVELOPMENT



Arcs & Spark Participant with 4-H Agent

According to the Bureau of Labor Statistics, it is estimated that more than 3 million skill trade jobs will remain open by 2028. Skilled trade jobs vary from plumber to electrician to welder. The Arcs & Sparks is a welding program was offered by Bracken County 4-H in hopes to allow students to gain interest in a skilled trade. During the first meeting, youth were introduced to shop safety, proper PPE, and learned how to move their hand to make a weld. This was done by using can squeeze cheese and crackers. The next 4 classes were at the Bracken County High School shop. During these classes participants worked on striking an arc and making a bead with stick welders. The students involved in the program, have already shown interest in further their knowledge of welding.

4-H is a **community** of **young people**
across **America** who are learning
leadership, citizenship and
life skills.

FAMILY & CONSUMER SCIENCES

The Bracken County Cooperative Extension Office Family and Consumer Science Agent partnered with the Bracken County Family Youth Resource Service to host the first Story Trail in Bracken County. The FCS Agent and FRYSC Coordinator visited businesses in the Brooksville city to see how many would participate. We had 20 businesses participate.

The starting point was the Post Office where Wally stood with the maps and a cover of the book. Participants that visited the storybook trail in Brooksville walked the city reading the pages of the story, "We don't eat our Classmates". The book had 20 pages and each of the businesses had a page in their window. The families enjoyed a nice walk around the city of Brooksville. They got their exercise and read a timely store, since school was about to start. We had 15 families participate. Each family completed a survey on the QR code that was provided. The businesses were very excited about seeing the families walk through town. We hope to make this a regular quarterly program.

After the program was over, we gave the local daycare the posters and they are going to use them at the center for the kids to read.



Opening Day of the Story Book Walk



There is concern within the beef industry that our products we now have available to treat animals for control of internal parasites are becoming less effective. We are well aware of this issue in small ruminants and the lack of effectiveness of various products. Two classes of products are now over 30 and 50 years old since they were developed.

The University of KY Martin Gatton College of Agriculture, Food and Environment, and specialist from the Beef Department offered producers a chance to participate in research trial to evaluate the effectiveness of the product they are using for parasite control. The Bracken County Extension office worked with 2 herds to collect fecal samples from 20 cows in each herd with both a pre-treatment sample and 14 days later with a post treatment sample. These samples were submitted and tested under the Fecal Egg Count Reduction Test (FECRT).

Both herds had lower numbers of egg counts following winter dry lot housing on the pre-treatment samples. The post treatment samples did show significant reduction in fecal egg counts in both herds. This test will be repeated in the fall after the herds have grazed pastures all summer. This should be a more impactful test as parasite numbers may be higher due to greater exposure of potential parasite numbers. The overall study of more than 80 herds across the state will give a good indication of the effectiveness of various products used for beef parasite control.



Continuing a “legacy like no other,” late University of Kentucky alum and former trustee Carol Martin “Bill” Gatton bestowed a transformational gift of \$100 million to the [UK College of Agriculture, Food and Environment](#) through The Bill Gatton Foundation.

“This is a transformational gift that will have a profound impact on CAFE and the [University of Kentucky](#),” said UK President Eli Capilouto. “It will be a cornerstone in our efforts – and our singular mission – to advance Kentucky in everything that we do. Like Mr. Gatton did, we dream of a Kentucky tomorrow that is healthier, wealthier and wiser than it is today. This gift reflects his profound belief in this institution to be a partner for progress in our capacity and commitment to advance Kentucky.”

Gatton, who passed away in April 2022, was a lifelong philanthropist and supporter of UK. He was a 1954 graduate of the university’s College of Commerce, and he went on to become an incredibly successful businessman, entrepreneur and investor.

Gatton’s impact on the University of Kentucky exceeds \$180 million. He is the university’s single largest donor.



NOTHING IS OUT OF REACH.



Healthy Families. Healthy Homes. Healthy Communities.



Website: extension.ca.uky.edu



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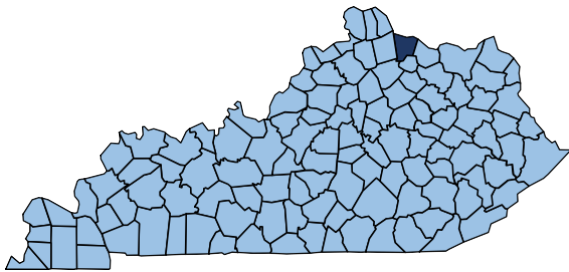
Twitter: @UKExtension



YouTube: @UKAgriculture

IN BRACKEN COUNTY...

- **320** Number of clientele increasing agriculture awareness due to Extension Programming.
- **75** Individuals that take on formal or informal leadership roles as a result of Extension.
- **120** Youth who participated in 4-H overnight and day camping programs.
- **500** Number of hours KEHA (Homemaker) members volunteered in community activities and events.
- **150** Number of youth who participated in college & career educational programs.



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Cooperative Extension Service

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