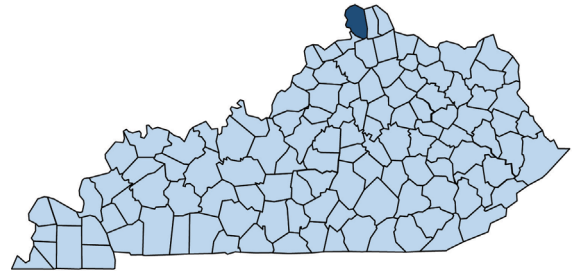


# REPORT TO THE PEOPLE



## Boone County 2021



### DID YOU KNOW...

Boone Co 4-H Livestock Judging Team won the State Champion 5 years in a row.



**Website:** [boone.ca.uky.edu](http://boone.ca.uky.edu)



**Facebook:** @boonecoextension



**Instagram:** boonecountyextension



**Twitter:** @BooneCountyExt

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## 4-H Youth Development



Disc Golf at 4-H Camp.

124

Number of youth who demonstrated a skill that was learned or improved by participating in 4-H agriculture programming

254

Number of youth who completed resume or interview through 4-H programs

## Agriculture and Natural Resources

Horse tack refers to the equipment and gear used to ride and care for domesticated horses such as saddles, bits, bridles, etc. Improper fitting of saddles and tack can cause severe pain and discomfort to horses and can result in accidents and injuries to riders.

Since tack stores do not have fitting rooms for horses, the Boone County ANR Agent collaborated with Dr. Bob Coleman, UK Equine Specialist, and Dr. Ron Leick, DVM, to host the Saddle and Tack Fitting Clinic. Dr. Coleman discussed the importance of a properly fitting bridles and bits. He showed the participants ways to measure their horses and bridles with and without specialized tools. Dr. Leick demonstrated how a saddle should fit a horse correctly, using a saddle tech gauge to demonstrate how to measure a saddle. He taught participants how to make a gauge at home with cardboard and measuring tape.

The Kentucky 4-H mission statement reads “4-H Youth Development Education creates opportunities and supportive environments for culturally diverse youth and adults to be capable, competent, and caring citizens”. The Boone County 4-H Program feels that one of the best ways to achieve this mission is with a strong residential camping program.

This June we had 200 attend camp (153 campers, 19 teen volunteers, 22 adult volunteers, and 6 staff). Each camper attended our 12 instructional classes (something new, due to COVID protocols) covering a wide range of interests (capable). Campers were required, some for the first time, to clean up after themselves. They were responsible for all cleaning activities in the cabins (competent). During their week at camp, campers are encouraged to make new friends. By the end of the week, everyone was supportive of each other and acting like they have been friends for years (caring citizens).



Saddle and Tack Fitting.

750

Number of people who gained knowledge of forage production, management and/or profitability which could include species, best management practices for species, forage harvest and storage, pasture renovation

889

Number of people who applied Extension recommendations for soil fertility (See Ag Economic Policy or Environmental for long term impact)

## Family and Consumer Sciences



Hands-on food preservation programs teach proper techniques for canning, freezing and dehydrating foods.

633

Number of participants reporting improved knowledge regarding life span behavior and decisions that affect health and well-being

144

Number of individuals who reported increased levels of understanding in the area: identifying estate planning strategies for the family, farming operation, or business

## Horticulture

Landscape problems happen every growing season. In 2021, a cool wet spring facilitated an array of fungal diseases on landscape plants. The reliable blue spruce was devastated by *Rhizophæra* needle cast disease. Over 30 specimens were brought to the Boone County Extension Office for diagnosis. Homeowners, nurseries, and maintenance companies relied on the Extension Service for its diagnostic expertise and control recommendations. 42 samples were sent to the UK Plant Pathology lab for microscopic and culture of specific pathogens. This service was rendered 33 times with 52 different diseases identified.

Homeowners and Market tomato growers experienced blights, yellow shoulder, root nematodes, and bacterial leaf spot. Insect problems were also a big issue with an overwhelming amount of termites, cicadas, and crop insects. Our staff addressed these issues in newsletters, radio programs, and social media as a way to spread awareness.

Due to the mental health issues observed from the global pandemic in the community, Grant and Boone County Cooperative Extension offered “Laughter, Motivation and A Blueprint for Happiness,” to help individuals build important coping skills and attitudes. Thirty-one adult men and women attended hybrid sessions featuring interactive discussions, self-assessments, and goal setting.

Participants learned the benefits of laughter, the power of positivity, motivation tips, recognizing their strengths, and five strategies to build a happier life. A three month follow up survey revealed that 85% actively try to replace negative thinking habits, 69% set a goal and are working towards it, and 54% assess how their friends influence their happiness and how they might be influencing their friend’s. This two-part program was adapted from University of Arkansas Extension.



Needlecast, One of the Issues Diagnosed in Landscapes.

455

Number of people who applied Extension recommendations to address insects or pests

248

Number of people who used Extension diagnostics services to identify plants /weeds

## Community Economic Development

Forest conversion is one of the most serious threats to Kentucky forests. Nearly 48% of Kentucky is covered by woodlands with 88% of those owned by private landowners. These forests provide benefits both ecologically and recreationally. It is vital for owners to receive management resources and economic opportunities. Boone County Extension Services (BCES) partnered with Boone County Arboretum and the UKY Natural Resource Department to provide a virtual program where 100 participants learned maple syrup production. Participants across six states and two countries learned the impact of maple syrup across 1,400 acres in KY. Half the participants plan to produce maple syrup for personal consumption while ten percent plan to produce maple syrup for additional income. BCES encouraged local farmers to participate in KY Maple Day where over 100 people attended and sold out their maple products while also building clientele for future product.



Jack McGlasson teaching local residents how to correctly tap a maple tree and turn sap into syrup.

715

Number of people who increased knowledge on forest health, management and/or utilization

491

Number of individuals who implemented one or more forest health, management and/or utilization practices

### *... just a few ways Extension supports Kentucky*

- **23,971** Kentucky youth who participated in a project, activity or event in science, engineering and technology through 4-H programming.
- **4,890** Kentucky producers adopting new technologies in agriculture production.
- **3,898** Kentucky families who supplemented their diets with foods they grew or preserved.
- **4,161** Kentuckians participating in community trail projects.

## COOPERATIVE EXTENSION



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