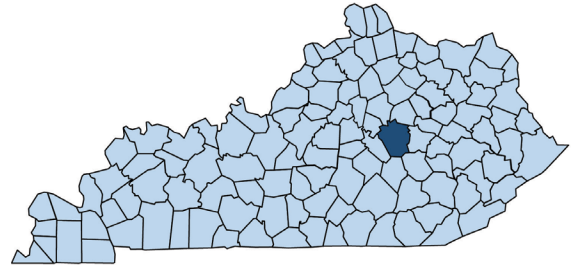


REPORT TO THE PEOPLE



Madison County 2021



DID YOU KNOW... During the pandemic, homemakers worked from their homes to make and donate over 500 masks.



Website: <https://madison.ca.uky.edu/>



Facebook: **Madison County Extension Office**

For More Information, Please Contact us at:
Madison County Extension Office • 859-623-4072 • madison.ext@uky.edu
230 Duncannon Lane, Richmond, KY 40475

4-H Youth Development



4-H'ers explore science during SET Club.

53

Number of youth who indicated they are interested in learning more about science, engineering, or technology projects (KOSA)

50

Number of youth who have gained an understanding of ecosystems in Kentucky (KOSA)

Agriculture and Natural Resources

Weeds continue to spread in pastures and hayfields across Madison County. Weather events, overstocking and invasive plants have caused an increase in weeds resulting in lower forage productivity for livestock. Madison County Extension ANR agent and Dr. J.D. Green, UK Extension Weed Control Specialist, worked to provide a weed control workshop for local producers. Various herbicides were sprayed on the pasture in demonstration plots in late June and included one new product on the market with the remainder being commonly recommended.

In late August, a workshop was held where approximately 40 local livestock producers learned about boomless sprayers and spraying technology as well as results from demonstration plots. Many factors for successful weed control were presented including weed life cycles and identification, selecting the proper herbicide, herbicide application timing, and how general management of forages helps to suppress weeds.

While the pandemic brought on many challenges and set backs, many were also pushed out of their comfort zones to try new things. While traditional 4-H clubs were not able to meet together in person, the Madison County 4-H Agents were faced with leading clubs virtually. By holding programs virtually, youth could learn through hands on activities while still maintaining social distancing. Programs offered virtually include: Dissection Club “A Cut Above the Rest”, Baking Science Bread Club, SET Club, Run Club, Cookie Club, Livestock Club, Book Clubs, Sewing Club, Cross Stitch Club, Middle School Club, Culture Club, Trivia Club, and the Nature Series: Bird is the Word. Supplies were needed for many of the club activities. Agents put together kits to be picked up by participants so the program would be more interactive.



Participants of the Weed Control Workshop listening to Dr. Green talk about herbicides.

120

Number of producers who conducted hay testing

651

Number of people who collected soil samples for testing

Family and Consumer Sciences



Agent and assistants preparing for the virtual Cooking Club.

- 43 Number of Extension empowered individuals engaged in coalitions or organizations to address a significant community issue
- 15 Number of Food Preservation Workshop participants

Horticulture

The Madison County Cooperative Extension Horticulture Agent offered a series of classes via Zoom called “The Impatient Gardener”. The goal of this series was to highlight the most important aspects of each featured topic in 20 to 30 minutes. Supplemental publications and resources were sent to the participants in advance of each class. Since some participants could not attend a live class, recordings were sent to everyone who showed an interest in the series. Classes included: Getting Started, Gardening in Small Spaces, Backyard Fruit, Perennial Basics, What to Plant Now and How to Grow It, and Herbs. Gardening Q&A hard copies of the presentations were sent to participants who did not have access to the internet. Nearly everyone who took part in the program felt they had gained confidence in their gardening skills.

Throughout 2021 we partnered with Eastern Kentucky University and Berea College Upward Bound Programs to serve 25 high school students and their families with virtual cooking classes. Due to the pandemic, the students attended classes via Zoom and received cooking kits via mail, which contained a wide variety of utensils and cooking supplies. They were responsible for getting their ingredients at their local grocer and learned different shopping and budgeting techniques as well. The lessons varied in degrees of difficulty and were all derived from our 2021 NEP Calendar or Plate It Up recipes, as well as a couple of made-from-scratch microwave recipes. We also incorporated mini lessons into each recipe in relation to health, nutrition, and wellness. The students reported that they really enjoyed our program in the spring, and the program was extended throughout the summer as well as into the fall.



“Gardening in Small Spaces” was one of the seven classes offered in this series.

- 35 Number of vendors approved to redeem alternate payments including WIC and/or Senior Farmers Market Nutrition Program, Double Dollar programs, ect.
- 21 Number of people who completed Extension Food safety (PBPT)

NOTHING IS OUT OF REACH.



Healthy Families. Healthy Homes. Healthy Communities.



Website: extension.ca.uky.edu



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... 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.*
- *3,399 Kentuckians who improved or maintained health from participating in gardening.*
- *3,898 Kentucky families who supplemented their diets with foods they grew or preserved.*
- *4,161 Kentuckians participating in community trail projects.*

COOPERATIVE EXTENSION



University of Kentucky Cooperative Extension

S-107 Ag Science Center North
Lexington, Kentucky 40546-0091
(859) 257-4302

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