



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

REPORT TO THE PEOPLE

Adair County 2023

Did you Know?

In January 2023 The Adair County Cooperative Extension Service hosted 50 programs. That was a total of 2260 participants!

Newspapers

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Upcoming extension programs



Participants will play...
ADAIR COUNTY EXTENSION AGENT
Family and Consumer Sciences
Dylan Gentry

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Start thinking about weed control



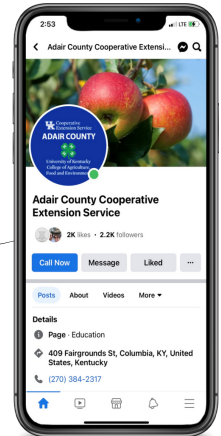
ADAIR COUNTY EXTENSION AGENT
Ag and Natural Resources
Nick Roy

Start thinking about weed control...
ADAIR COUNTY EXTENSION AGENT
Ag and Natural Resources
Nick Roy

Our Website



Facebook



Instagram



STAYING CONNECTED

CULTURAL ARTS COMPETITION



LOCATION: 409 Fairground St. Columbia, KY 42728

MARK YOUR CALENDAR

- March 9th, Entry Day
- March 10th, Judging & Viewing
- March 11th, Entry Pickup
- March 12th, Area Competition
- May 9th, State Competition

Adair County 4-H Newsletter January 2023



4-H Summer Camp June 15 - 16 2023

Registration begins February 1, 2023

On June 15-16, 2023, youth from Adair County can go to the 4-H Camp at Lake Cumberland...
We will leave on Tuesday - June 15th and return on Friday - June 16th...
Scholarship applications to attend the 4-H camp are available upon request...

Newsletters



Follow Us!



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



Facebook:
Adair County Cooperative Extension Service



Instagram:
Adairces

For More Information, Please Contact us at:
Adair County Extension Office • (270) 384-2317
409 Fairground Street, Columbia KY 42728

AGRICULTURE AND NATURAL RESOURCES

Subscribe to the Adair County Extension Agriculture & Natural Resources Newsletter at <http://eepurl.com/gZJyW9>

Taking Drone Fungicide Applications to New Heights

Since 2019, The Adair County Cooperative Extension Service has participated in research trials evaluating the use of drones for fungicide applications in grain crops.



Two research projects in wheat and two research projects in corn have been conducted. Initial research projects have proven that drones are an effective tool to apply fungicides on these crops to control diseases.

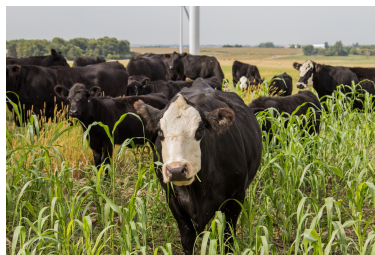
As a result of these preliminary research projects, the University of Kentucky Grain Crops specialists have purchased a drone to conduct further research on agriculture experiment stations and on farms across Kentucky.



Scan the QR Code to check out our Agriculture and Natural Resources webpage!

Cattle Farming with Less Fertilizer

In late 2021, fertilizer prices reached an all-time high. As a result, many cattle farmers significantly reduced or skipped fertilizer applications in 2022.



Without a change in management, disregarding soil fertility will result in a reduction in animal performance due to poor performance of forages. Utilizing results from research conducted on-farm locally and across the state by the University of Kentucky, an emphasis has been placed on educating cattle farmers on practices to reduce the need of conventional fertilizer. Bale grazing, distributed manure from permanent hay-feeding areas, legumes, and improved grazing practices have been promoted via classroom style meetings, video recordings, newspaper articles, and newsletters.

Junior Brown adapted a style of bale grazing this winter for the first time, "Cattle are leaving manure evenly across the field this winter. I can tell it's working."

Beef Basics

Adair County is known for having a strong beef industry. In 2021, Kentucky National Ag Statistics estimated a total cattle inventory of 39,500 in Adair County. Whether it's someone who grew up on a beef farm or a newcomer to Adair County, each year there is numerous clientele who reach out to the Adair County Cooperative Extension Service for assistance in developing their beef operation.



Given the need for beginning-level education in beef production, the Adair County Cooperative Extension Service developed the "Beef Basics" program. The program was offered in fall 2022 for the fourth time since developed. 15 participants were engaged via hands-on learning while handling cattle, participated in a farm tour of a previous Beef Basics participant, and were able to discuss questions and challenges of beef production in a classroom environment. All participants who currently owned cattle reported adoption of some practices learned with 50% of the participant reported have already implemented 3-5 practices by the conclusion of the program.

Beef Basics will continue to be offered every 2-3 years to assist those who wish to develop their beef operation.

Inaugural Master Gardeners Nearing Certification Status

The inaugural offering of the Adair County Master Gardener Program was offered in 2022. Five of the participants are on track to complete the required coursework and volunteer hours for certification status.



The result has been a massive increase in horticulture programming offered by the Adair County Cooperative Extension Service. Keep up to date on offerings by subscribing to the horticulture newsletter at <http://eepurl.com/hvOOS1>

4-H YOUTH DEVELOPMENT

Growing with 4-H Summer Camp

Research has proven that youth benefit from positive relationships with caring adults. According to the Interagency Working Group on Youth Programs, youth with mentors typically have "increased high school graduation rates, lower high school dropout rates, and healthier relationships and lifestyle choices." 4-H Camp provides campers aged 8-15 with opportunities to be mentored and nurtured by caring cabin leaders, class instructors, teen volunteers, and camp staff members in hopes that these positive experiences will lead to better life outcomes. 4-H's mission is to help young people become self-directing, productive, and contributing members of society. The 4-H Camping program allows youth to develop in all three of these areas.

Adair County Cooperative Extension Service provides multiple opportunities for youth throughout the week to develop skills in all three areas. Adair County Cooperative Extension Service provided 82 campers, 13 Teen Leaders, and 512 Adult Leaders the opportunity to attend summer camp.

Summer Camp allowed the youth the opportunity to develop a sense of belonging, gain independence, and develop social skills. The youth learned how to live in a group environment, be responsible for their own belongings, and be physically active. They also learned how to work with others, respect others, develop new skills, and how to take on new challenges. Teen Leaders learned to be responsible for others, work as a team, and take ownership of the camping program. This past year over \$7500 was raised for a camp scholarship to help youth attend camp that otherwise would not have been able to afford to attend.



Teen Leadership planned and conducted at 4-H camp kick-off promotion for over 600 youth at Adair County Elementary school

Youth Leadership Development Programs

Many of the community organizations lack effective leadership as a part of their program. Our advisory councils, schools, and county/city leadership indicated there is a need for more youth leadership development programs. It is vital to instill the values of volunteerism and strong leadership in our young people. Strong leaders are essential to the future of our communities, government, and organizations.

The Adair County Cooperative Extension Service sponsored a Teen Leadership program for middle and high school age youth. The purpose of the Teen Leadership programs is to provide teens the opportunity to learn more about their community and its development, to provide a forum for networking, to help develop strong leadership skills, and to foster a desire to serve others.



Madi Burns and Katie Keen present their discussion about good things happening in Adair County for youth.



Scan the QR Code or use the link below to fill out a survey on how to keep up with all things 4-H!

https://uky.az1.qualtrics.com/jfe/form/SV_6GqshgGKtZ2zVf8



FAMILY AND CONSUMER SCIENCES

Saving Savvy with Digital Coupons

A recent survey by Deloitte found that \$0.56 of every dollar spent in a store is influenced by a digital interaction. This growing trend is shaping how consumers shop and make decisions both in-store and beforehand. There are hundreds of grocery apps available that offer help with a wide range of shopping-related services and functions. Grocery apps can help save time and money through lists and meal planning, comparison shopping, coupons, store loyalty, and rebates.

To increase consumer knowledge of the types of apps available and how to use them, the Adair County Extension Office hosted Saving Savvy with Apps for Coupons and Grocery Lists financial workshop(s) for the Lake Cumberland Area Homemakers. Educational emphasis was placed on:

- Identifying common functions of grocery shopping list apps and coupon apps.
- Identifying factors to research and consider before using an app.
- Understanding how grocery shopping apps and coupon apps may save time and money.

47 consumers participated in the workshop(s). Participants were surveyed following the class and 90 percent indicated they were able to identify at least two common functions of grocery shopping list apps and coupon apps; 85 percent felt confident in their ability to identify at least two factors to research and consider before using an app; and 90 percent better understood how grocery shopping apps and coupon apps may save time and money. Of those who participated, 72% indicated they plan to use the information they learned when selecting a grocery shopping list app and/or coupon app and 93% plan to research apps before selecting one to download and utilize.

Additionally, following the workshops several participants gave their testimonial of how much money they saved following attending the class. One person said they saved \$5 on a car washing, another exclaimed they saved \$.05 per gallon at the pump. On top of the educational value, many participants marveled at their monetary savings



Cultural Arts Competition Success

There had not been a local Cultural Arts Competition in over 10 years. The county competition was determined to be held the day before the area competition. This allowed participants to drop off and pick up their entries once for both competitions. Additionally a digital sign-in process for entry drop-offs had been created. This system streamlined and simplified the process. The competition was advertised in our three local newspapers, on our digital sign, and on Homemaker Newsletters. Homemakers who had a well-known talent were contacted to solicit entries.

Despite these efforts, we were unsure how much participation we would have in our competition since we had not had one in such a long time. The local homemaker vice-president commented that she would be elated to have four to six entries. There were thirty-four entries, spanning twenty-one entry categories. An FCS Agent from a neighboring county traveled here to judge our competition. Of these thirty-four entries twenty-one advanced to area competition.

At the area competition, we fared well. An outstanding sixteen entries received first place, the second most of any county. These entries compete one final time at the Kentucky Extension Homemakers Annual Meeting in May, where we anticipate doing well. The success of this year's program has sparked a renewed interest in cultural arts.



Scan the QR Code to
check out our
Homemakers
webpage!

