



CROP AND LIVESTOCK

- ◆37 producers completed Beef Quality Assurance Training
- ◆21 producers completed their Advanced Master Beef Producer Certification
- ◆12 producers completed the Master Small Ruminant Producer Program
- ◆7 horse owners completed the Master Horse Program
- ◆200+ producers learned about:
 - rotational grazing
 - sire selection
 - livestock identification methods
 - utilizing alfalfa in pastures
 - and many other topics related to livestock and forages

2019 RUTHERFORD COUNTY FARMERS' MARKET

- ◆105 vendors from 18 Middle TN counties sold locally grown produce, products and meats
- ◆94,439 Shoppers – Highest attendance 3,902
- ◆\$523,468.87 in vendor sales—Highest sales day \$18,624
- ◆\$4,913.25 in SNAP, Supplemental Nutrition Assistance Program was utilized with benefits being used on approved items and FRESH local produce
- ◆50 EDUCATIONAL PROGRAMS were taught by Extension Staff, Certified Master Gardener Volunteers and special guests
- ◆6,306 SERVINGS of produce donated by vendors to local charities with an average of 126 servings per market feeding those in need
- ◆\$7,887.55 was additional to the market sales in October with the **RCFM Fall Market and Arts Festival** and hosting events for the 2019 TN STEAM FESTIVAL



Avg: 1889 CUSTOMERS SUPPORTED 33 LOCAL VENDORS SPENDING \$10,469.28/DAY



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Programs in agriculture and natural resources, 4-H youth development, family and consumer sciences, and resource development. University of Tennessee Institute of Agriculture, U.S. Department of Agriculture and county governments cooperating. UT Extension provides equal opportunities in programs and employment.

MASTER FOOD VOLUNTEER PROGRAM
 7 Master Food volunteers contributed over 280 hours for FCS programs in Rutherford County.

- ◆6 educational sessions were taught at Linebaugh Library: Freezing, Soups, Smoothies, Water, Eating Fruits & Vegetables, and Food preservation
- ◆2 hands-on food preservation workshops held with MFV assistance



- ◆1 canning tomatoes educational session at RCFM with 12 in attendance
- ◆5 Tours to Kroger Grocery Store
- ◆9 Probiotics Fieldtrips to Kombucha bar
- ◆MFV partnered with Master Gardeners to host Grape Harvest Day. Jelly demonstration resulted in 168 participants preserving juice by refrigerating, freezing or canning grape jelly using juice harvested that day.
- ◆As a result of food preservation workshops 36 pints and 8 quarts of food were preserved reported by participants.
- ◆7 healthy eating demonstrations were taught at the Rutherford County Farmers' Market with 77 in attendance

PROGRAM PARTNERS

Rutherford County Farm Bureau
 Farm Bureau Women
 Tennessee Department of Agriculture
 Farm Service Agency
 National Resource Conservation Service
 Middle Tennessee State University
 Rutherford County Schools
 Meaningful Gleaning of Rutherford County
 Rutherford Co & TN Cattlemen's Association
 Master Gardeners of Rutherford County
 Rutherford County Beekeepers Association
 WGNS Radio
 Rutherford County Health Department
 Tennessee Association of Farmers Markets
 Local Agriculture and Horticultural Retailers
 St. Clair Senior Center
 Murfreesboro City Schools
 Linebaugh Library System
 Lutheran Services of Tennessee-Healthy Gardens Program
 Tennessee Department of Education-Farm 2 School
 Tennessee Housing Development Agency
 Rutherford County Schools Coordinated Health



U-CONNECT

15 youth participated in the after-school nutrition program



FAMILY AND CONSUMER SCIENCE

- ◆**Girl Talk** was implemented in a multi-session format. 6 mothers and daughters completed the course.
- ◆**Love Languages** course:
 - 100% spend more time talking with partner
 - 100% understand their partner's love language during disagreements
 - 19 will use knowledge of love languages to manage reactions and/or emotions when angry or frustrated
- ◆**Vegan/Vegetarian Lesson:**
 - 100% can describe the difference between vegan & vegetarian diets
 - 100% learned of the importance of consuming all 9 essential amino acids in your diet
- ◆**FARMERS' MARKET FRESH**
 8 food demonstrations included nutrition education with recipes and samples implemented by an intern at the Farmers' Market with average attendance of 2,443 per day



FAMILY AND COMMUNITY EDUCATION CLUBS

- ◆3 FCE "Train-the-Trainer" sessions
- ◆4 Rutherford County at Council meetings
- ◆65 FCE members were taught about various topics including homeowners and renters insurance
- ◆6 FCE members attended the State Tennessee Association for Family and Community Education Clubs Conference
- ◆Team implemented Tennessee Registered Judging School with 114 participants
 - 12 from Rutherford County trained to be judges
 - 5 served as judges in surrounding counties' fairs and at the Tennessee State Fair.
 - Team taught two sessions for Judging Baked Goods with 52 participants
 - Team taught two sessions for Fixing Funky Foods at the TAFCE Conference with 43 participants.
 - FCE Clubs provided 32 volunteers for a total of 192 hours for the Adventures in Agriculture event, serving about 1,400 attendees.

RUTHERFORD COUNTY EXTENSION 2019 PROGRAM HIGHLIGHTS



Real. Life. Solutions.





RUTHERFORD COUNTY EXTENSION 4-H

4-H IS A COMMUNITY OF YOUNG PEOPLE LEARNING CITIZENSHIP, LEADERSHIP, AND LIFE SKILLS. THE RUTHERFORD COUNTY 4-H PROGRAM OFFERS A VARIETY OF HANDS-ON EDUCATIONAL PROGRAMS TO THE YOUTH OF RUTHERFORD COUNTY.

4-H IS AVAILABLE TO ALL YOUTH IN GRADES 4TH-12TH. PROGRAMS ARE DELIVERED VIA IN-SCHOOL, AFTER-SCHOOL, AND PROJECT GROUP SETTINGS.

ENROLLMENT

6875 4-H'ers in 160 in-school clubs, 2 after-school clubs, 4 judging teams, and 5 project groups

ON MY OWN

Financial Education Program is a real-world simulation in career exploration, and calculating income and expenses. The program teaches budgeting and decision making skills

- ◆2135 participants from 7 middle schools and 7 high schools
- ◆39 teens at Goodwill Industries summer work program

TEEN LIVING

Over 2600 participants from 9 middle schools

- ◆Youth participate in a hands-on food lab
- ◆Teaches food safety, healthy snacks and fruit/vegetable facts



ANIMAL SCIENCE

◆72% of youth involved in the Livestock club made 2 or more improvements in the way they care for their animals on a daily basis as a result of information learned at monthly meetings

- ◆Increased awareness of careers in Animal Science
- ◆Provided a better understanding of importance of math, biology and chemistry in the Animal Science field of study



◆70 youth were on judging teams: Livestock, Horse, Hippology, Meats and Poultry

POULTRY CLUB

◆30 active 4-H'ers

- ◆20 youth involved in the Chick Chain displayed the knowledge learned through hands-on learning by submitting record books at the County Show



LIVESTOCK CLUB

- ◆50 youth demonstrated the ability to make ethical decisions showing livestock through educational opportunities provided
- ◆30 4-H'ers exhibited livestock on State and National levels

HORSE CLUB

◆40 active club members increased their knowledge of the equine industry and equine care through educational monthly meetings including topics on hoof care, nutrition, industry opportunities, breeds, colors, health care and more.

- ◆Over 50% of the club members participated in county, regional and state shows and were able to increase their skills in horsemanship, show etiquette and responsibility



HONOR CLUB AND ALL STAR

20 members volunteered over 450 hours in our community. Projects included:

- ◆Wreaths Across America
- ◆Holiday cards/decorations for residents at Community Care Assisted Living and Adams Place
- ◆Farm day at The Rutherford Assisted Living
- ◆Collecting food for Nourish Food Bank



RUTHERFORD COUNTY EXTENSION FCS

THE FAMILY & CONSUMER SCIENCES TEAM STRENGTHENS INDIVIDUALS, FAMILIES, AND COMMUNITIES THROUGH EDUCATION BY ADDRESSING CRITICAL ISSUES AND NEEDS RELATED TO HOME, FINANCE, AND PERSONAL NEEDS.

EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM

EFNEP programs for families with limited resources were implemented at 2 Title I schools & 8 other locations

77 adults completed the program (s) and graduated

Participants showed improvement in:

- ◆95% improved diet quality by eating more fruits and vegetables and drinking less sugary drinks
- ◆95% cooked at home more and ate out less
- ◆79% improved physical activity behaviors: exercising, working out or making small changes to be more active
- ◆84% improved food safety practices through washing hands and surfaces before preparing food and using a meat thermometer
- ◆55% increased food security by not eating less so there was more food for their family or having enough money to get food for their family
- ◆87% expanded food resource management practices by planning meals before shopping and making a list as well as comparing food prices when shopping

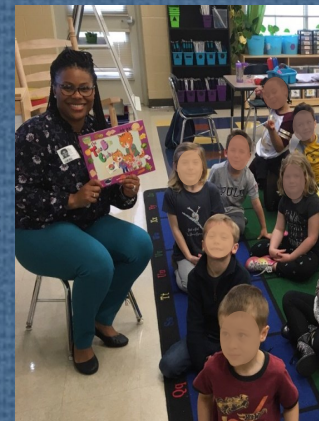


SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM EDUCATION

SNAP-Ed programs were presented to over 300 adults and 150 youth from 7 Title I schools and 15 other locations

172 adults & 41 youth completed the program(s) and graduated. Participants learned about healthy food choices, food safety, increasing physical activity, food security, and wise resource management

- ◆114 adults completed Families Eat Smart, Move More multi-sessions
- ◆17 families completed Eat Smart, Move More multi-sessions
- ◆37 seniors completed "Cooking for One or Two" Program



FIRST-TIME HOMEBUYER

◆138 Counseling sessions were provided

◆8 First-time Homebuyer Classes were taught

Total fee based funds of \$15,225 were received from the Tennessee Housing Development Agency.

- ◆40 YOUTH participated in monthly classes at the Juvenile Detention Center
- ◆171 individuals attended monthly classes at Our Place Vocational and Tennessee Rehabilitation Centers



THE BOOKWORMS BOOK CLUB

- ◆12 participants in bi-monthly discussion groups
- ◆16 participants attended a tour of Linebaugh Library

- ◆14 youth completed "Cooking Capers" Program
- ◆27 youth completed "Choose Health: Food, Fun & Fitness (CHFFF)" implemented during their Summer Youth Camp

Following completion of SNAP-Ed classes, adult exit surveys show the following results:

- ◆41% ate more than one fruit
- ◆58% ate more than one vegetable
- ◆47% reduced sugary beverages
- ◆50% never run out of food
- ◆57% compare price of food
- ◆44% identify food on sale
- ◆59% use a grocery list
- ◆49% increased hours spent on physical activity



RUTHERFORD COUNTY EXTENSION ANR/CED

AGRICULTURE, NATURAL RESOURCES AND COMMUNITY ECONOMIC DEVELOPMENT

THE AGRICULTURE, NATURAL RESOURCES, AND COMMUNITY ECONOMIC DEVELOPMENT TEAM SERVES A DIVERSE CLIENTELE INCLUDING LIVESTOCK AND ROW CROP PRODUCERS, COMMERCIAL VEGETABLE AND FRUIT PRODUCERS, HORTICULTURAL SERVICE PROVIDERS, AND CONSUMERS WHO MANAGE HOME LANDSCAPES AND GROW BACKYARD FRUITS AND VEGETABLES.

PARTICIPATION

58,788 direct contacts made through meetings, on-site visits, demonstrations, and various teaching methods/workshops

HORTICULTURE

- ◆1393 students learned about soils, seed germination, basic botany, container gardening, and composting.
- ◆100 Master Gardener volunteers contributed 7,268 service hours and 1,944 hours on continuing education to educate and serve Rutherford County. The value of the Master Gardener program is \$222,412.42



- ◆Planted 18 blueberry plants on-site as part of UT variety trial program
- ◆387 pest samples for diagnosis submitted by lawn and landscape service operators. The correct diagnosis of these samples resulting in a correct and effective treatment is valued at \$323,950 by the service operators.



- ◆Maintained a turfgrass variety demonstration on-site consisting of 30 cool and warm season turfgrass plots

- ◆195 Master Gardener interns were taught in 7 counties
- ◆219 commercial horticultural pesticide applicators received state and federally mandated continuing education necessary to maintain certification and licensure. Applicators value the training resulting in recertification and continued licensure at \$1,486,353.

- ◆314 green industry professionals received training on landscape and grounds management and plant pest identification and control
- ◆467 homeowner pest samples were diagnosed for identification and/or control recommendations



- ◆242 local homeowners received education and training in lawn and landscape care and maintenance, weed science, backyard small fruit production, pollinators, insect/mole and other pest control, and related topics
- ◆Converted a large turf area to a wildflower planting for pollinators
- ◆495 potential growers, learned about hops and hemp production, practices and economics

