



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. OUR PROGRAMS ARE DELIVERED VIA IN-SCHOOL, AFTER-SCHOOL, AND PROJECT GROUP SETTINGS.

ENROLLMENT

8123 4-H'ers in **186** in-school clubs, **2** after-school clubs, **8** judging teams, and **5** project groups



Financial Education Program



- ◆ **Over 1900** participants from 7 middle and 6 high schools
- ◆ Real-world simulation in career exploration, and calculating income and expenses
- ◆ Teaches budgeting and decision making

237 Students participated with hands-on science projects with 4-H STEM with in-school instruction



- ◆ **Over 2600** participants from 9 middle schools
- ◆ Youth participate in a hands-on food lab
- ◆ Teaches food safety, healthy snacks and fruit/veggie facts

FAMILY AND CONSUMER SCIENCES

102 4-H'ers in cooking and sewing



ANIMAL SCIENCE

Innovative programs have been successful in:

- ◆ Provided hands-on experiences with livestock to over **40** youth
- ◆ 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
- ◆ **60** youth were on judging teams: Livestock, Horse, Hippology, Meats and Poultry



LIVESTOCK CLUB

- ◆ **35** active 4-H'ers
- ◆ **25** 4-H'ers exhibit livestock on State and National levels

POULTRY CLUB

- ◆ **28** active 4-H'ers
- ◆ **20** 4-H'ers participated in the Chick Chain

HORSE CLUB

- ◆ **42** active 4-H'ers
- ◆ **18** 4-H'ers competed at region and state shows

HONOR CLUB AND ALL STAR

25 members volunteered over **400** hours in our community. Projects included:

- ◆ Wreaths Across America
- ◆ Holiday cards/decorations for residents at Community Care Assisted Living
- ◆ Farm day at The Rutherford Assisted Living
- ◆ Collecting food for Nourish Food Bank
- ◆ Collecting items for the Rutherford County Juvenile Justice Center.



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.

- ◆ **MY PREPAREDNESS INITIATIVE (P.I.)** FCS Agents and County Director implemented program

- * **43** high school students put together an emergency preparedness kit and communication plan for their families
- * **9** students completed a challenge to have 6 other families make their own emergency preparedness kit and communication plan
- * My PI was featured on Nashville News Channel 5



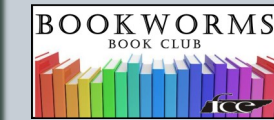
- ◆ **MASTER FOOD VOLUNTEER PROGRAM**

- * **7** individuals received 30 hours of training and worked toward 30 hours of volunteer service.
- * Volunteers are active in our communities, leading and assisting with nutrition and food safety education



- ◆ **THE BOOKWORMS BOOK CLUB**

- * **9** participating in bi-monthly discussion groups
- * Book Club attended, in partnership with Read to Succeed, their annual Celebrity Spelling Bee
- * Book Club attended One Book, One Community event



- ◆ **FARMERS' MARKET FRESH** implemented at the Rutherford County Farmers' Market

- * **16** food demonstrations
- * **14** social media posts
- * **412** engagements
- * **Over 200** individuals increased consumption of locally-grown fruits and vegetables



- ◆ **SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM EDUCATION**

- * SNAP-Ed programs were presented to over **170 adults** and **200 youth** from **10** locations
- * **24 families** (both parents & children) completed Eat Smart, Move More multi-sessions
- * **15 seniors** completed "Cooking for One or Two" Program
- * **39 youth** completed "Cooking Capers" Program
- * **24 youth** completed the nutrition education program implemented during their Summer Youth Camp



- ◆ **EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM**

- * EFNEP programs were presented to over **146 adults** at **6** locations.
- * **22 families** (both parents & children) graduated
- * **13 adults** graduated



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

27,000 direct contacts made through meetings, on-site visits, demonstrations, and workshops

HORTICULTURE

- ◆ **122** teachers received training related to school gardens, with topics on site selection, raised beds, and planting and harvesting.
- ◆ **86** Extension trained Master Gardener volunteers contributed 6,266 volunteer hours to educate and serve Rutherford County. The value of the Master Gardener program to Rutherford County is \$196,891.74
- ◆ **Over 500** plant or insect samples from homeowners were inspected for identification and/or control recommendations.
- ◆ **378** pesticide applicators received continuing education pertaining to pest control and safe pesticide usage valued at approximately \$2.5 million
- ◆ **535** green industry professionals received training through educational meetings on landscape management, pesticide usage, and insect pest and disease diagnosis
- ◆ **865** green industry professionals received diagnosis of plant pest or diseases, with a value of these total correct diagnosis estimated at \$735,250



CROP AND LIVESTOCK

- ◆ **34** producers completed Beef Quality Assurance Training
- ◆ **31** producers completed their Advanced Master Beef Producer Certification
- ◆ **18** producers completed the Master Small Ruminant Producer Program
- ◆ **12** horse owners completed the Master Horse Program
- ◆ **12** completed the Dicamba Training
- ◆ **200+** producers learned about:
 - * Latest strategies for in-crop weed control
 - * Managing forages after a drought
 - * Pasture rotation and utilizing alfalfa in pastures
 - * Safe and effective pesticide usage
 - * Tennessee crop variety trial results
 - * Harmful Weed Identification for livestock



FCS cont'd

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2018 RUTHERFORD COUNTY FARMERS' MARKET



- ◆ **100** vendors from 17 Middle TN counties sold locally grown produce, products and meats
- ◆ **83,765** Shoppers (10% increase 2017)
- ◆ **\$532,919** in vendor sales (13% increase 2017)
- ◆ **\$19,122.50** in SNAP, Supplemental Nutrition Assistance Program, and Fresh Savings sales (8% increase 2017) *Fresh Savings is a grant through USDA and AARP Foundation that matches \$20 of SNAP benefits to recipients.* Benefits are used on approved items and FRESH local produce.

- ◆ **50 EDUCATIONAL PROGRAMS** were taught by Extension Staff, Certified Master Gardener Volunteers and special guests.
- ◆ **Nearly 900** participants learned about subjects offered such as Nutrition, Container Gardening, Water Conservation, Backyard Chickens and various other topics.
- ◆ **6408 LBS** of produce donated by vendors to local charities
- ◆ **2018 TN STEAM FESTIVAL** Hosted activities presented by Tennessee State University, Rutherford County Master Gardeners, Rutherford County Environmental Coordinator, Project Wet as well as demonstrations by local artisans.



- ◆ (October markets) Included 38 area artisans that sold their art, crafts and wares intermingled with seasonal and daily vendors bringing an increase in shoppers and sales of \$10,593 to close the season.



Avg: 1675 CUSTOMERS SUPPORTED 30 LOCAL VENDORS SPENDING \$10,658.38/DAY



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Sign up for our E-letter!

Go to the "News & Events" tab on our website to sign up for our monthly newsletter.

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.

◆ FIRST-TIME HOMEBUYER

- * **135** Counseling sessions were provided
- * **3** First-time Homebuyer Classes were taught
- Total fee based funds of \$14,725 were received from the Tennessee Housing Development Agency. Exercise equipment was purchased using the funds for the staff to use to improve their health and reduce stress.*



- * **55** Homeowners received an average of \$5,000 each to put towards their down-payment for a total estimated cost savings of \$275,000.

- * **24** Homeowners received an average of \$15,000 each to put towards their down-payment for a total estimated cost savings of \$360,000!

◆ U-CONNECT

- * **12** youth participated in the after-school program
- * Students met with a mentor weekly.
- * Students attended monthly nutrition and STEM classes



PROGRAM PARTNERS

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

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For more information on Extension programs or services, call 615-898-7710 or visit our website: <http://rutherford.tennessee.edu>

Real. Life. Solutions.



RUTHERFORD COUNTY EXTENSION 2018 PROGRAM HIGHLIGHTS

