



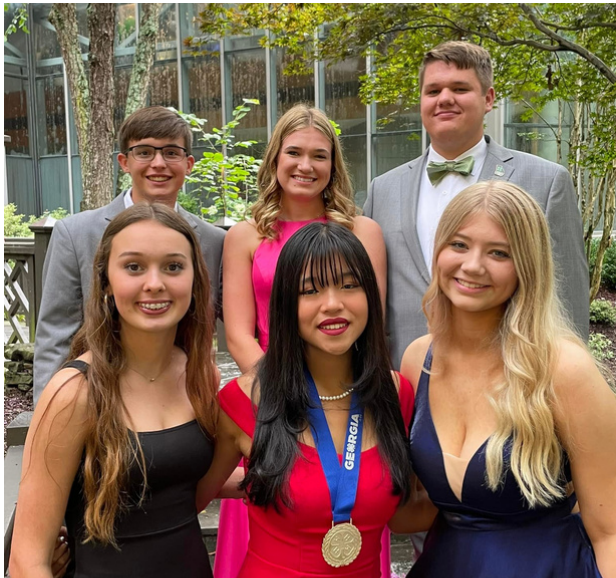
# CANDLER COUNTY EXTENSION



## STATE 4-H WINNERS

Six Candler County 4-H'ers attended State 4-H Congress this summer to compete in their Project Achievement Areas. They gave presentations and participated in interviews. These students spent countless hours preparing and practicing.

- Zoie Daughtry, 3rd Place in International Project
- Presley Douglas, 2nd Place in Swine Project
- Abigail Durden, 4th Place in Performing Arts Dance Project
- Agatha Grimes, 2nd Place in Sheep & Meat Goats Project
- Mady Martin, 3rd Place in Environmental Science Project
- Jasper Stone, 4th Place in History Project



Zoie Daughtry was also awarded the Georgia 4-H Foundation's Eddy Ross & Marth Jones FACS Scholarship in the amount of \$1,000 earning her Master 4-H'er status for the second time. Zoie was also the recipient of the 2022 Candler County 4-H Achievement Scholarship for \$500.

## TOBACCO TOUR



The Georgia-Florida Tobacco Tour kicked off with 47 attendees at a supper at George and Tommy Holland's farm in Candler County. The evening began with a demonstration of a turning vane that increases air flow efficiency and decreases overall cook time by 12-24 hours. This will decrease the use of costly curing fuel and allow quicker turn around for refilling barns.

The next morning began at the Candler/Evans/Tattnall Black Shank research plot, where participants viewed 10 of the top black shank resistant varieties. Black shank is a type of phytophthora similar to the pathogen that caused the Irish potato famine and is one of the top diseases that growers are facing in the tobacco industry today. Using resistant varieties is the best line of defense growers have against black shank. The plot is testing the strength of resistance in new varieties so that growers can have confidence that these varieties will work on their own farms. The tour then stopped at two other variety demonstration plots where local work is taking place. Before ending in Live Oak, FL, the group visited several other farms in South Georgia.



# AGRICULTURE AND NATURAL RESOURCES

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## LOCAL RESEARCH TRIALS

### DRYLAND COTTON TRIAL



A dryland cotton trial is being conducted in Candler County and Evans County. This trial differs from a typical trial because the chosen location has poor, sandy soils. Normally a trial is placed on a good, productive soil to determine which variety has the highest yield. Other research trials are being conducted in nearby counties on with the top yielding varieties on productive soils. These dryland cotton plots are aiming to determine which cotton varieties will perform the best under harsh conditions. Four cotton seed companies were asked to provide two varieties they believed would perform the best under these conditions. There are two locations (one in Candler County and one in Evans County) planted approximately 30 miles apart with the same varieties and in similar conditions. Results of the trial will be available after harvest.

### ONION NECK LENGTH CLIPPING



The purpose of this study was to determine if different clipping lengths can help reduce the spread of the bacterial pathogen known as center rot. Center rot is a huge problem in onions that usually shows up after they have been harvested and placed into storage. For the trial, the onions were harvested and graded very aggressively to ensure that they were clean and free of disease. There were 4 neck lengths used in this trial, 0", 1", 2", and 3" necks. Groups of different length samples were clipped with regular clipping shears, while other groups were clipped with shears that had been dipped in soil that was inoculated with the center rot pathogen. There were 4 replications of treatment totaling 1,600 individual onions. These were then placed into refrigerated storage for 30 days. Once removed, each onion was sliced and inspected for the center rot pathogen. The numbers of disease onions were recorded. There was a 9% reduction in the number of infections when the onions were trimmed with a 2" or 3" neck as opposed to the 1" clipping length.

If a 400-acre grower produces 900 bags per acre that weigh 50 lbs. each, that would make the total yield would be 18,000,000 lbs. The grower would likely place around 40% of his crop into storage which equals 720,000 lbs. of onions. If he can have a 9% reduction in culls that would save 64,800 lbs. of onions for one grower.  $64,800/50 = 1,296$  boxes x \$24 per box would be \$31,104 for one grower. If you divide \$31,104 by 400 acres = \$77.76 per acre. There were approximately 10,000 acres of Vidalia Onions last year.  $10,000 \text{ acres} \times \$77.76 = \$777,600$  in total savings for the Vidalia Onion Industry.

# 4-H YOUTH DEVELOPMENT

## 4-H SUMMER CAMP PROGRAMS

Georgia's unique 4-H centers provide a week of camp that will be remembered for years to come. Every camp offers adventure, friendship and fun!

**80 youth and adult leaders attended camp at one of Georgia's 4-H Centers this summer.**

- 63 youth and 9 leaders at Cloverleaf Camp at Rock Eagle on June 13-17. These 4-H'ers won the coveted Tribal Shield.
- 1 youth at Wilderness Challenge Camp at Wahsega on June 20-24.
- 7 youth at Junior Camp at Jekyll on July 4-8.
- 2 youth at Senior Camp at Rock Eagle on July 4-8.

**In addition, 3 Candler County 4-H alumni (Daniel Meade, Zoie Daughtry and Gracie Grimes) served as camp counselors at Rock Eagle 4-H Center.**



## OTHER SUMMER ACTIVITIES

We partnered with other county 4-H groups to offer **6 local summer activities**. Several 4-H'ers also participated in state 4-H events this summer.

The activities and number of participants from Candler County are:

- June Dairy Month Poster Contest - 7 youth
- Cloverleaf Camp Rally - 18 youth
- Certified Teen Leader Training - 4 youth
- Cloverleaf Fish & Wildlife Day - 15 youth
- State 4-H Council at Rock Eagle - 2 youth
- Junior/Senior Savannah Bananas Game - 16 youth
- Cloverleaf Gross Science Day - 9 youth
- Splash in the Boro - 27 youth
- Watermelon Growing Contest - 1 youth
- CIS Back to School Carnival - 5 youth

**104 total youth**



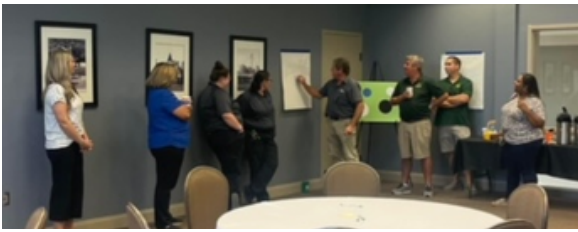
# 4-H RABIES CLINIC

On Saturday, June 4, Candler County 4-H hosted its annual community-wide Rabies and Pet Vaccination Clinic. Pet owners were able to choose from several vaccination options in a drive-thru format. Through a partnership with Dr. Keith Miller at Metter Veterinary Clinic, **179 cats and dogs were vaccinated this year**, this is even more than last year's record-setting attendance.



## COMMUNITY LEADERSHIP WORKSHOP

Candler County Extension partnered with Metter-Candler Chamber of Commerce and Tom's Pawn Central to offer a free leadership styles workshop on July 27, 2022. **Nineteen community and business leaders attended.**



## CONNECT WITH US!



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**Candler County  
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@candler4h



[www.extension.uga.edu/candler](http://www.extension.uga.edu/candler)



Scan with phone camera  
for more 4-H information

## CANDLER COUNTY EXTENSION TEAM



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## Candler County Extension

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