



2017 REPORT TO THE PEOPLE: HORRY COUNTY

Extension Conducts Crop Demo Trials

With over 114,000 acres of cropland, Horry and Marion counties are two of the most impacting counties in the state when it comes to agronomic crop value. One of the most requested services from local growers is row crop trials and demonstrations. In response, Agronomy agent, William Hardee conducted six trials with the cooperation of growers and other agents in the area. They included a dry land corn variety trial, a dry land soybean variety trial, two bacterial wilt resistant tobacco variety trials, a nematicide (DiTera) trial in tobacco, and a microbial product (Biopath) trial in tobacco. Conducting on-farm trials can be challenging due to grower coordination and an overall lack of control compared to trials done at a research station. When necessary this was countered by replication of the plots. Replicated trials still yielded inconclusive data in some trials; these would need to be conducted again. Project signage resulted in several questions about similar trials across the county. In the future, the agent hopes to incorporate a sponsored field day to promote trial results.



▲ Calibration workshop participants at demonstration site.



▲ Bacterial Wilt Tobacco Variety Trial in Horry County

Pesticide Calibration Workshop

Continuing education is essential in the landscape industry for professionals to stay abreast of the latest recommendations and techniques to use in their businesses as well as protecting our natural resources. Clemson Extension Agents in Horry and Marion counties provided local commercial landscapers with an opportunity to increase their knowledge in pesticide application and safety measures through a day long sprayer calibration workshop. Fifty-two commercial landscapers took advantage of the workshop. Weed control and fire ant management were two topics addressed that provided up-to-date information on plant and insect biology as well as the latest techniques for control. Sprayer and spreader calibration demonstrations provided information on how to properly calibrate and apply pesticides and fertilizers. Pesticide safety demonstrations included a drift demonstration showing how a pesticide can be moved off site when spraying during windy periods. A demonstration on selecting and using safety equipment was also done. Along with pesticide safety, attendees toured various plants around the demonstration site to identify insects and diseases.

SC COOPERATIVE EXTENSION
AT A GLANCE



AGENTS
133



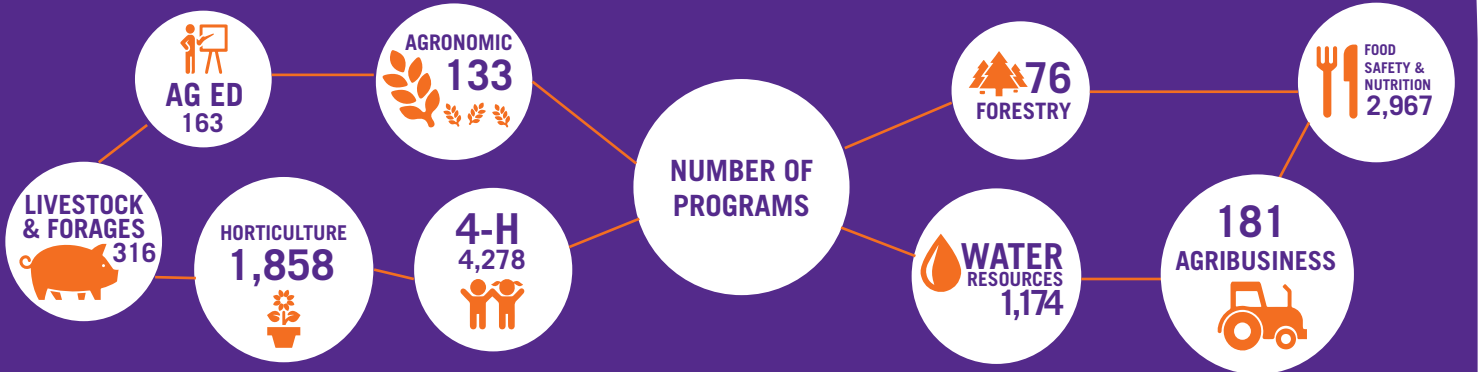
PROGRAMS
11,158



CONTACTS
242,239



**YOUTH & FAMILIES
REACHED**
104,156



▲ Junior Blackwater Beekeepers Honey Bee Project Participants

Jr. Blackwater Beekeepers Chartered

South Carolina 4-H launched the new Honey Bee Project in 2017 and made resources available for each county program to participate. The Honey Bee Project would serve as “an independent-study project that engages youth in the active role of beekeeping, learning the basics of entomology, and gaining an appreciation of the pollinators in our world.” The Blackwater Beekeeper’s Association in Horry County heard news of the project and wanted to ensure its success.

Past Association President, Patrick Elvis, signed up to be a 4-H volunteer and chartered a brand new club-The Junior Blackwater Beekeepers. Six youth signed up as 4-H members and enrolled in the Honey Bee Project. As part of the project, each participant received a project book that included goals and planned activities.

Each project book was judged on record keeping, financial management, and communication. For the launch of the new project, the Blackwater Beekeeper’s decided to sponsor it fully for the first year. They provided members with a veil, which would protect them when checking their bees, a smoker, a hive, and a package of bees.



◀ Fencing Workshops Demonstrates Proper Fence Building Methods

<http://www.clemson.edu/horry>