

Outreach Assistance to Beginning Farmers, Ranchers, and Veterans to Promote Sustainable Operations

Dr. Osei Yeboah^{1,2}, Dr. Paula Faulkner¹, Dr. Biswanath Dari¹, Dr. Godfrey Gayle¹ Dr. Debjani Sihi³ & Dr. Kingsley Ekwemalor¹

¹L. C. Cooper Jr. International Trade Center

²North Carolina Agricultural and Technical State University

³Emory University

Project Organization



NIFA Award
2022-70033-38199

Project Partners



Overall Goals

1. Provide beginning ranchers, veterans, and other SDFRVs a low-cost small ruminant production and management practices.
2. Provide best agronomic practices, including soil health fertility for beginning farmers, veterans, farmworkers, and other SDFRVs.
3. Development of inclusive and resilient diversified marketing strategies for beginning farmers, ranchers, veterans, and other SDVRs.
4. Provide beginning farmers, ranchers, veterans, and other SDFRVs training in Climate Smart Agriculture Technologies (CSATs).
5. Provide business and financial management training for beginning farmers, ranchers, veterans, and other SDFRVs for improved access to credit.
6. Develop a Curriculum on agricultural Entrepreneurship Education Digital technologies that increase production efficiency, environmental sustainability, and profitability for beginning youth farmers, ranchers, and veterans.
7. Provide disabled veterans with Assistive technology and AgrAbility training to help in their farming operations.

Anticipated Outputs

1. Over 200 beginning ranchers, veterans, farmworkers, and other SDRVs will be trained annually.
2. Over 150 of the participants will receive soil health management practices/yr. through in-person workshop settings and on-site/hands-on training.
3. Over 120 of these groups will produce and market New Generation Crops;
4. Over 150 beginning farmers, ranchers, veterans, and other SDFRVs will receive training in CSATs.
5. More than 100 will receive training in financial planning and business management
6. About 15 veterans, beginning farmers and ranchers, youth, and older adults will receive informal training in Agricultural Entrepreneurship Education and Digital technologies.
7. More than 75 physically disabled veterans will receive AgrAbility training

Anticipated Outcomes

1. Cost savings for producers for having healthy animals.
2. Improved soil health in farmers' fields to support crop production.
3. Increased sales from the Production and marketing of New Generation crops
4. Equitable benefits from new Resilient Markets for farmers and ranchers
5. Improved soil health, increased soil carbon, and greenhouse gas benefits by adopting CSATs.
6. Improved Credit Access for beginning farmers, ranchers, veterans, and other SDFRVs
7. Increased number of veterans, farmers, ranchers, and other SDFRVs with knowledge in Ag. Entrepreneurship and Digital Technologies
8. Disabled veterans identifying local assets, fellow farmers, veterans' groups, and other community members with ease.



Checking the body condition score of a goat



Participants attending workshop



Three weeks after planting