

HORTICULTURAL CROPS RESEARCH STATION (NCDA&CS)

Location

City: Clinton
County: Sampson



Background:

- Established in 1970
- Primary site for development of sweetpotato varieties currently planted in the US including: Jewel (1971), Pope (1982), White Delite (1987), Carolina Ruby, Carolina Rose (1998), and Covington (2005).

Unique Characteristics:

- Research areas include sweetpotato breeding and genetics, weed science, stevia and melon breeding, cultural practices for vegetable crops, new and emerging crops, IR-4, and soybeans.
- The station serves as an operational base for NCSU Sweetpotato Breeding and Genetics Program.

Station Statistics

Staff: 13

Management Units: Horticultural Crops

Buildings: 26

Research Program

Project Leaders (#): 15

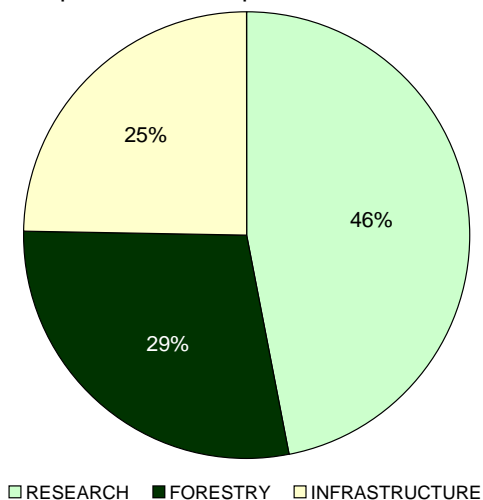
Ongoing Projects (#): 30

Focus: Sweetpotatoes, Stevia, Cucurbit Crops, Peppers, Tomatoes, Corn, Soybeans, Grapes, Carrots, Hemp, Brassica Crops

Acres:

Station Total 349.18 ac.

Field Crops	90
Soybeans	65
Corn	25
Sweetpotatoes	35
Ornamentals	4.5
Stevia	12
Vegetables	15
Small fruits	2
New and Emerging Crops	6
Bioenergy Crops	2
Irrigation Ponds	6.74
Woodlands	61.22
Cleared land	28
Infrastructure	86.54



Station Improvements:

- Irrigation upgrades including the purchase of 3 lateral systems
- Construction of three greenhouses for sweetpotatoes and stevia
- Installation of an Exeter grading system for sweetpotatoes
- Upgraded pesticide handling storage area
- Adaptation of precision agriculture technologies
- Construction of new sweetpotato storage facility
- 28 acres of land cleared for new crop production

Station Events:

- Field Day - Sweetpotato
- Tours/Meetings-Food safety, vegetable production training