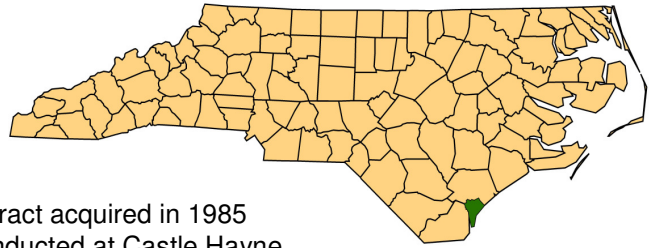


HORTICULTURAL CROPS RESEARCH STATION (NCSU)

Location

City: Castle Hayne
County: New Hanover



Background:

- Main Station established in 1947; Ideal Tract acquired in 1985
- Strawberry fungicide trials have been conducted at Castle Hayne since the 1970's, and serve as the basis for recommendations to growers statewide

Unique Characteristics:

- Warmer climate, low native soil pH, high water table, high organic matter content and long growing season to supports the largest public blueberry-breeding program in the world
- Climate provides an excellent environment for plant disease evaluations for small fruit varieties

Station Statistics

Staff: 7

Management Units: Horticultural Crops

Buildings: 13

Research Program

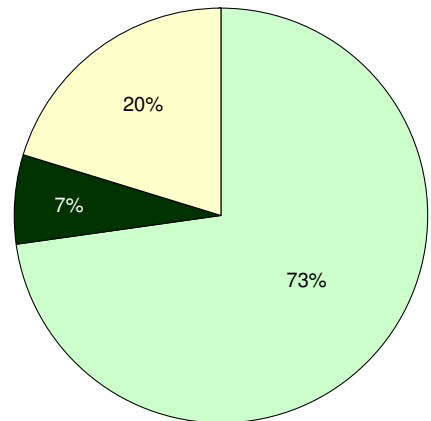
Project Leaders (#): 19

Ongoing Projects (#): 37

Focus: Blueberries (breeding,diseases, IR-4), Strawberries (breeding,diseases), Grapes(breeding,diseases), Cucumbers(breeding, diseases), Watermelon (breeding, diseases) Woody Ornamentals (herbicide efficacy), Woody Fruit Species, Sea Oats, Beachgrass

Acres:

Station Total	111 ac
Field Crops:	0.8
Soybean	0.8
Small Fruits	49.71
Vegetables	11.36
Fruit Trees	0.36
Ornamentals	4.9
Rotational	0.7
Woodland	7.67
Irrigation Ponds	3.0
Infrastructure	22.5



RESEARCH FORESTRY INFRASTRUCTURE

Station Improvements:

- State of the art chemical storage and mixing room
- Two equipment storage buildings
- Greenhouse renovations for expanded research

Station Events:

- Field Days – Muscadine Grape and Blueberry
- Workshops – Muscadine Grape and Blueberry
- Training – Soil & Water Conservation and Master Gardeners
- Meetings - Blueberry plant breeders and Turf grass group
- Tours - Southern Region Grape Researchers, Southeastern Nurserymen Association, Hoggard High School Horticulture class