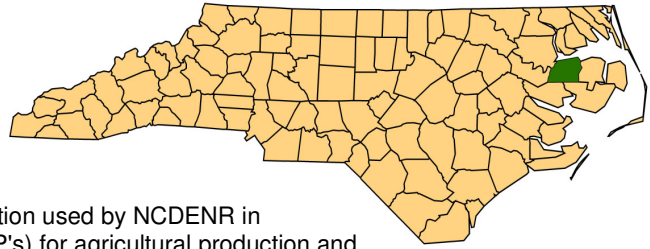


TIDEWATER RESEARCH STATION (NCDA&CS)

Location

City: Plymouth
County: Washington



Background:

- Established in 1943
- Long term drainage studies provided information used by NCDENR in developing Best Management Practices (BMP's) for agricultural production and Total Maximum Daily Loads (TMDL) for watersheds in North Carolina

Unique Characteristics:

- Broad and flat topography, resulting in a shallow water tables causes soil organic matter to be higher than the majority of soils in the remainder of the State
- The breeding program for Irish potatoes is conducted at this location including growing of all material and evaluating each entry for yield and quality
- Rainfall and flat land with a shallow water table dictate that extensive surface drainage is necessary utilizing a system of ditches and canals

Station Statistics

Staff: 21

Management Units:

Livestock	Herd Size (#)
Beef	350
Swine	200 (farrow to finish)
Field Crops	
Aquaculture	
Horticultural Crops	
Greenhouse	

Buildings: 42

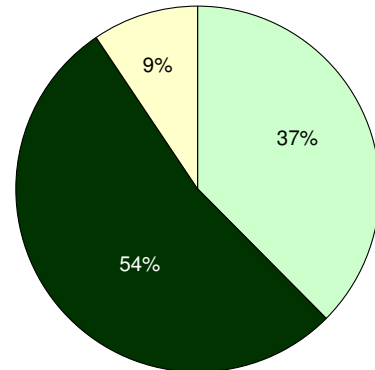
Research Program

Project Leaders (#): 20
 Ongoing Projects (#): 56
 Focus: Soybeans, Corns, Cotton, Aquaculture, Swine, Beef, Irish Potatoes, Rice, Canola, Sweet Sorghum, Small Grains

Acres:

Station Total	1551.33 ac.
Field Crops	476.5*
Soybeans	164.5
Corn	223.5
Cotton	16
Rice	0.5
Canola	0.5
Sweet Sorghum	6
Small Grains	65.5
Pasture/Hay	183.7*
Vegetables	14.5*
Rotational	272.0*
Aquaculture Ponds	13.0
Woodlands	799.27
Infrastructure	144.44
Leased:	40.04

**includes double cropping*



■ RESEARCH ■ FORESTRY ■ INFRASTRUCTURE

Station Improvements:

- Added small ditches and land forming to enhance surface drainage
- Upgrade fencing to control wildlife and reduce pressure on crops and research efforts

Station Events:

- Field Day – Organic Production and Farm Safety
- Training – Pesticide School, Septic System Demo and Decentralized Wastewater class
- Meetings - 4-H Youth Development, Soil & Water Conservation, Blackland Farm Managers, County Extension Service
- Local Events - Relay for Life