



VIRGINIA AGRICULTURAL EXPERIMENT STATION
**TIDEWATER AGRICULTURAL
RESEARCH AND EXTENSION CENTER**
VIRGINIA TECH.



ABOUT TIDEWATER AREC

The faculty, staff and students at Virginia Tech Tidewater Agricultural Research & Extension Center welcome you to our facility. The Tidewater AREC in Suffolk, Virginia, was established in 1914 and is committed to applied research and educational programs that support profitable agriculture while improving the quality of life in the Tidewater region of Virginia and North Carolina and beyond. Research and Extension programs include row crop agronomy and pest/pathogen management, as well as swine production. We hope that you enjoy your time at Tidewater AREC and look forward to forging new collaborations with you in the future.

Sincerely,

Matthew Chappell, Professor & Director Tidewater AREC
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TIDEWATER AREC AT A GLANCE



DISCIPLINES

- Cotton, peanut, and soybean agronomy
- Plant pathology of vegetables and agronomic crops
- Row crop entomology
- Plant physiology
- Swine reproductive physiology and management
- Plant parasitic nematode management
- Plant breeding and variety testing

INNOVATIVE TECHNOLOGIES

- Drones for precision spraying and to assess plant stress
- Variable rate and micro-irrigation for row crops
- Soil and atmospheric monitoring to improve input management that optimizes yield response.

FACILITIES

- 465-acre farm
- 228-person auditorium
- 34 buildings

INDUSTRY PARTNERS

- Peanut, cotton, corn, soybean, and small grain associations
- Swine industry
- Agricultural chemical, seed, and fertilizer industries

A COLLABORATIVE NETWORK

Virginia Tech ARECs are a network of 11 centers strategically located throughout the state that emphasize close working relationships between Virginia Agricultural Experiment Station, Virginia Cooperative Extension, and the industries we collaborate with. The mission of the system is to engage in innovative, research to discover new scientific knowledge and create and disseminate science-based applications that ensure the wise use of agricultural, natural, and community resources while enhancing quality of life.

Virginia Agricultural Experiment Station and its Agricultural Research and Extension Centers



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Virginia Tech • Virginia State University

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