



Building on the land-grant commitment to develop leaders, share knowledge, and invest in ecological resilience with hands-on applications to help Virginia thrive, the College of Agriculture and Life Sciences strives to enhance:



Workforce Development for Economic Prosperity. Drive economic resilience with student learning experiences, educating career-ready graduates who support Virginia's #1 industry: agriculture.



Resource Stewardship. Protect Virginia's vital natural resources through evidence-based stewardship, leaving healthier land, water, and air for future generations.



Human and Ecological Health. Improve health and resilience of people, communities, plants, and animals across Virginia from the scientific front line.



Understanding and Communication. Confront Virginia's most pressing challenges through research in agriculture, life sciences, and community engagement.

CALS supports a collaborative network of:



11 Agricultural Research and Extension Centers (AREC), 107 Virginia Cooperative Extension offices, and six 4-H educational centers throughout Virginia in cooperation with Virginia Agricultural Experiment Station and Virginia Cooperative Extension.



10 Academic Departments for 2,700 undergraduate, graduate, and professional students within 68 unique programs of study.



Over \$500,000 in **public-private partnership** support annually.

LEARN MORE



HAMPTON ROADS

Agricultural Research and Extension Center

1444 Diamond Springs Road, Virginia Beach, VA 23455 | (757) 363-3900

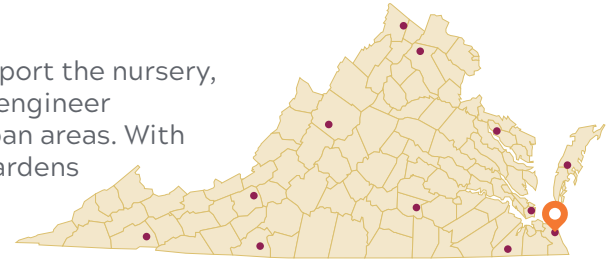
arec.vaes.vt.edu/arec/hampton-roads |  [HAMPTONROADSAREC](https://www.facebook.com/HAMPTONROADSAREC)



VIRGINIA AGRICULTURAL EXPERIMENT STATION
HAMPTON ROADS AGRICULTURAL
RESEARCH AND EXTENSION CENTER
VIRGINIA TECH

ABOUT THE HAMPTON ROADS AREC

Hampton Roads conducts research and extension programs that support the nursery, greenhouse, landscape, and small fruit industries. Their stormwater engineer examines best management practices and modeling of rainfall in urban areas. With over 100 Master Gardner and other volunteers, our demonstration gardens are open to the public year-round.



RESEARCH AND EXTENSION PROGRAMS

- Nursery crops
- Pest management
- Small fruit production
- Stormwater management
- Turfgrass maintenance
- Greenhouse Production

INDUSTRY PARTNERS

- Nursery industry
- Lawn care
- Landscape industry
- Strawberry producers
- Greenhouse Industry

FACILITIES

- 7 laboratories
- 8 greenhouses
- 3 classrooms
- Container and field research areas
- 10 Acres of Demonstration Gardens

INNOVATIVE TECHNOLOGIES

- Anaerobic soil disinfestation
- Digital image analysis
- Solar-heated greenhouse
- Stormwater modeling
- Use of drones

Supporting a \$4.6 Billion Turfgrass Industry: Our turfgrass research and Field Day programs support services and maintenance practices critical to Virginia's \$4.6 billion turfgrass industry.

Maximizing Public Research Investment: Research expenditures at HRAREC increased 15% in 2024 to \$1.4 million, leveraging state and federal funding to expand applied research capacity and impact.

Protecting Ecosystems from Invasive Species: We developed cost-effective invasive species management strategies, like increased plant spacing and sanitation protocols, that protect natural ecosystems across the Eastern U.S. and reduce the need for expensive control measures.

OUR COLLABORATORS INCLUDE:



LEARN MORE



bit.ly/44gF26O

Virginia Cooperative Extension is a partnership of Virginia Tech, Virginia State University, the U.S. Department of Agriculture (USDA), and local governments, and is an equal opportunity employer. For the full non-discrimination statement, please visit ext.vt.edu/accessibility.