VIRGINIA AGRICULTURAL EXPERIMENT STATION
SOUTHWEST VIRGINIA AGRICULTURAL RESEARCH AND EXTENSION CENTER
VIRGINIA TECH

Virginia Cooperative Extension
Virginia Tech • Virginia State University

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 3,600 associate, undergraduate, and graduate students in 68 unique programs of study.

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

LEARN MORE

cals.vt.edu

SOUTHWEST VIRGINIA
Agricultural Research and Extension Center

12326 VPI Farm Rd., Glade Spring, VA 24340 | (804) 333-3485
arec.vaes.vt.edu/arec/southwest-virginia

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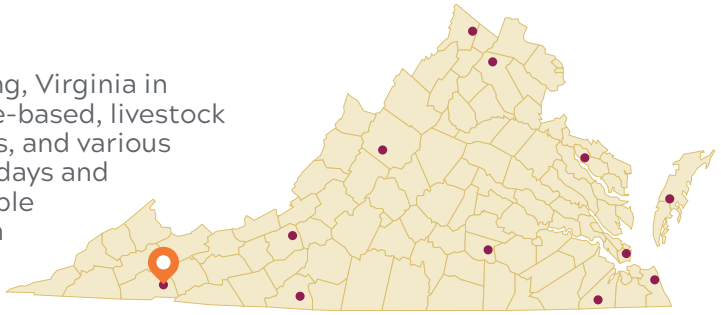
ABOUT THE SOUTHWEST VIRGINIA AREC

The Southwest Virginia AREC was established in Glade Spring, Virginia in 1947 and primarily serves the commonwealth through forage-based, livestock production systems research. Corn trials, pine tree plantings, and various specialty crops are also produced. The AREC conducts field days and tours for producers and the general public to introduce people of all ages to our programs and to the world of agriculture in Southwest Virginia.



RESEARCH AND EXTENSION PROGRAMS

- Beef Cattle Production & Management
- Hair Sheep Production & Management
- Forage Production & Management
- Forages & Livestock Nutrition
- Animal Health & Parasite Resistance
- Livestock Genetic Selection
- Corn Silage Variety Trials

INNOVATIVE TECHNOLOGIES

- Sheep genetic evaluation software
- Electronic animal ID data collection
- Apps for data collection and management
- Apps to map land use
- Weather station with real-time weather data
- Vytelle/Growsafe Feed intake monitoring system

FACILITIES

- 4 barns, 3 equipment/hay storage facilities
- Multi-purpose ram test barn and educational facility
- Beef cattle handling facility
- Permanent & portable sheep handling facilities

INDUSTRY PARTNERS

- Virginia Sheep Producer's Association
- Abingdon Feeder Cattle Association
- Eastern Alliance for Production Katahdins
- National Sheep Improvement Program
- Virginia Cattlemen's Association

Building More Resilient Sheep Flocks: A decade of collaborative parasite-resistance research has become a U.S. standard for sheep breeding programs, helping producers improve animal health and productivity through informed genetic selection.

Strengthening Virginia's Livestock Industry: Research-driven improvements in parasite resistance support a Virginia sheep inventory valued at more than $20 million and contribute to the sustainability of the commonwealth's broader $3 billion animal-agriculture sector.

LEARN MORE

bit.ly/48vYLkD

OUR COLLABORATORS INCLUDE:

USDA
EASTERN ALLIANCE FOR PRODUCTION Katahdins
NSIP National Sheep Improvement PROGRAM
VCA
NC STATE UNIVERSITY College of Agriculture and Life Sciences
virginia sheep PRODUCERS ASSOCIATION
WV SCHOOL OF AGRICULTURE AND FOOD SYSTEMS

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VT/1026/AREC-302