

PUBLIC SERVICE AND AGRICULTURE

science. service. solutions.®



Agribusiness Productivity & Profitability

advances the competitiveness of the agriculture and forestry industry

Clemson University Public Service and Agriculture (PSA) is part of a national system of 50 major land-grant universities that conduct research and outreach programs funded by the USDA National Institute of Food and Agriculture.



Economic & Community Development

enhances the economic potential of rural communities

Clemson PSA research, extension and regulatory programs employ a continuous process of identifying critical issues, finding solutions and transferring knowledge to farmers, foresters and land managers to support economic development in South Carolina's largest industry – the \$34 billion agriculture, forestry and natural resources sector.



Environmental Conservation

preserves natural resources

Clemson PSA began with the University's founding in 1889 when the S.C. General Assembly located the Agricultural Experiment Station here. Clemson served as the model for the national Cooperative Extension Service when Clemson trustee and S.C. Congressman Frank Lever saw faculty members traveling by train to share their knowledge with farmers and families across the state. Their work became the basis for the Smith-Lever Act of 1914 that took university information to the people of each state.



Food Safety and Nutrition

safeguards the food supply



Youth Development

prepares young people for the workforce through 4-H

Units

Experiment Station develops relevant, research-based knowledge for agriculture, forestry, and natural resources to enhance economic development. Research is conducted on the Clemson campus and at research and education centers in the state's distinct soil and climate regions.

Cooperative Extension Service transfers science-based information to commercial growers, livestock producers, and land managers in all 46 counties in South Carolina.

Livestock-Poultry Health Programs ensure the health and safety of livestock/poultry industries and companion animals, and protect the state's meat and poultry supply.

Regulatory Services protects the environment and the food supply by ensuring the safe, effective use of fertilizers and pesticides, and the quality of seeds and plants grown in the state.

Research & Education Centers

Archbold Tropical Research & Education Center (Dominica) conducts applied research and outreach to advance economic development through environmental conservation – 198 acres.

Baruch Institute of Coastal Ecology & Forest Science (Georgetown) conducts research and outreach programs on the environmental impact of changing land-use patterns, coastal natural resource conservation, forestry, water quality, and watershed management – 80,000 acres.

Coastal Research & Education Center (Charleston) conducts applied research and outreach programs for vegetables, strawberries and specialty crops in partnership with the USDA Vegetable Laboratory – 325 acres.

Edisto Research & Education Center (Blackville) conducts applied research and outreach programs on sustainable crop and livestock production systems, including cotton, soybeans, corn, peanuts, vegetables, small grains and beef cattle – 2,354 acres.

Pee Dee Research & Education Center (Florence) conducts applied research and outreach programs on row crops to enhance yields through biotechnology and to reduce the environmental impact of crop production and golf course management – 2,300 acres.

Sandhill Research & Education Center (Columbia) conducts applied research and outreach programs on economic and community development, and environmental stewardship with an emphasis on building statewide collaborations to utilize resources more efficiently.

Research Facilities

Clemson Experimental Forest conducts research and education programs to develop and apply best management practices for timber, wildlife habitat and natural resources conservation – 17,500 acres.

Research Farm Services supports agricultural research, teaching, and outreach programs. Farms include facilities for beef and dairy cattle, poultry, small ruminants, fruit, and field crops.

Outreach Facilities

Home & Garden Information Center (www.clemson.edu/hgic) produces and delivers information on landscape, garden and indoor plants, plant pests and diseases, and food safety, nutrition, diet and health. More than 850 fact sheets are available online and S.C. residents can reach an expert at 1-888-656-9988.

S.C. Botanical Garden serves as an interdisciplinary resource center for teaching, research and outreach to advance awareness of botanical, cultural and natural resources on 295 acres of display gardens, nature trails, woodlands and streams.

T. Ed Garrison Livestock Arena provides facilities for year-round livestock shows, sales, and educational programs that support agriculture and agribusiness.

