BUDGET REQUEST
FY 2020-21

EXTENSION

100,141: youth and families reached through 4-H programming
10,999: total Extension programs given through SC
2,811,857: unique hits to Clemson Extension’s Home & Garden Information Center website

LIVESTOCK-POULTRY HEALTH

914: inspections at livestock auction markets, after-hours markets, dealers and miscellaneous sales
252: letters issued enabling international poultry exports
92,887: tests and procedures performed by Veterinary Diagnostic Center

REGULATORY

4,223: samples processed by Plant Pest Diagnostic Clinic
59,171: samples tested by Agricultural Services Laboratory
98: percentage of the state’s seed lots inspected in the field

EXPERIMENT STATION

130: number of research proposals funded externally
323: number of graduate students recruited and retained
32,000: total acreage of Research and Education Centers
$14.17 million: total research dollars awarded to Experiment Station faculty and faculty with Experiment Station appointments

Clemson University’s LaMaster Dairy Farm unveiled a DeLaval VMS V300 fully robotic milking system that will serve as a training, research and educational facility supporting the state’s dairy industry. “The dairy of the future” comes at a time when the dairy industry is suffering from low profitability caused by a number of factors, including high labor costs.

As a land-grant university, Clemson is part of a national system created by the U.S. Congress to improve the quality of life for citizens in every state through teaching, research and Extension.

The university’s statewide Public Service and Agriculture (PSA) network conducts research, Extension and regulatory programs that improve and protect economic prosperity and well-being for all South Carolina citizens.

Clemson PSA’s six Research and Education Centers develop relevant, unbiased, research-based knowledge.

Clemson’s Experiment Station is part of a nationwide system of research facilities and scientists working to improve the quality of life for people in their home state, the nation and the world.

Clemson Experiment Station comprises six research and education centers strategically located in South Carolina’s distinct soil and climate regions where scientists develop relevant, research-based knowledge to strengthen the agriculture, forestry and natural resources industries.

Cooperative Extension delivers science-based information through a system of offices and agents covering all 46 counties in South Carolina.

Livestock Poultry Health safeguards the health and safety of livestock/poultry industries and companion animals, and protects the food supply and public health of South Carolinians. Regulatory Services ensures the safe, effective use of fertilizers and pesticides, and the quality of seeds and plants grown in the state, and conducts programs that prevent agroterrorism.

www.clemson.edu/public
Natural resource-based sectors contribute $33.4 billion in economic activity annually to the S.C. economy and are responsible for 218,719 jobs. Forests cover 13 million acres, including 7.2 million acres of private non-corporate forestland owned and managed by 207,000 family forest owners. S.C.’s growing population and increased urbanization and the sustainable management of these natural resources requires quality research and effective Extension programs designed to impart the latest science-based information to forestland owners across all regions of the state. The requested funding will be used to hire Extension personnel tasked with broadening the scope and strengthening the capacity of Clemson Extension’s natural resources youth programs and expanding expertise to strengthen its ability to assist constituents in confronting wildlife problems, capitalizing on the economic impacts of hunting and fishing and tackling challenges associated with the sustainable management of profitable recreational hunting game such as deer, turkeys and quail.

Clemson’s Pee Dee Research and Education Center conducts high-tech research focused on creating new row crop cultivars with genetic traits optimized for S.C. and Southeast growing conditions. These optimized plants are drought and pest tolerant and allow farmers to maximize crop yields while reducing inputs such as water, fertilizer and pesticides. The requested funds will be used to build three research quality greenhouse facilities specifically designed to support Clemson’s plant breeding programs and allow Clemson University scientists to continue making plant technology breakthroughs.

Clemson University’s South Carolina Water Resources Center (SCWRC) is a multi-disciplinary, cross-college research organization focusing its efforts on understanding the real-time fluctuation of S.C. water resources and providing state agencies with information they need to make unbiased, research-based decisions about S.C. water resources policy. The requested funding will be used to complete a renovation that will make possible overall building repairs and renovations and feature new laboratory and computer equipment for water quality analysis, sensor development and monitoring and technology for virtual meetings, on-site trainings and webinars across the state and with Southeast-partnering universities.