



# USDA Research is working for South Carolina



## Supporting innovation

In FY 2013, South Carolina received **\$500,000 in grants** from the Agriculture and Food Research Initiative (AFRI)

**Clemson University** received an AFRI grant to determine if an odor sensor can accurately detect chemicals released when stink bugs feed on cotton as a way to assess stink bug infestation and damage.

Researchers at **South Carolina State University** are studying how water and nutrients enter rice plant roots in order to develop rice varieties with high nutritional content, but can be grown using less water.

## Supporting small business

From 2004-2013, South Carolina small businesses received more than **\$300,000 in grants** through the Small Business Innovation Research program within USDA

In Charleston, **Highest Wind LLC** has developed a glider system that captures high altitude wind for energy generation, providing small to mid-sized farms with a renewable energy option that would reduce their overall energy costs.

## Economic Impact



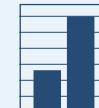
In 2011, agriculture and related industries added \$743 billion to the national GDP



Agriculture exports hit a record high of over \$140 billion in 2013



1 in 12 American jobs are associated with agriculture



U.S. public investments in agriculture research and development produce benefit-cost ratios of 20:1 and higher

## South Carolina Agriculture

25,266 farms

\$2.9 billion in commodities

\$900 million in agricultural exports

55,447 jobs



[agronomy.org](http://agronomy.org) | [crops.org](http://crops.org) | [soils.org](http://soils.org)

Science Policy Office | 900 2nd St., NE, Suite 205, Washington, DC 20002  
202.408.5558 | [sciencepolicy@sciencesocieties.org](mailto:sciencepolicy@sciencesocieties.org)

