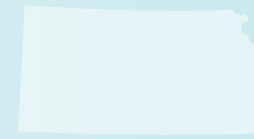




# USDA research is working for Kansas



## Supporting innovation

In FY 2015, Kansas received **\$5.5 million in new grants** from the Agriculture and Food Research Initiative (AFRI).

**Kansas State University** is using an AFRI grant to study how wheat blast fungus is transmitted in order to identify possible genes that could provide resistance.

AFRI-funded researchers are performing a large-scale analysis of Sorghum genes to identify those genes that would increase Sorghum's effectiveness in bioenergy production.

## Supporting small business

From 2006-2015, Kansas small businesses received more than **\$4 million in grants** through the Small Business Innovation Research program within USDA

**Kansas Environmental Management Associates, LLC** received an SBIR grant to optimize their system that removes phosphorus from distillers grain-based animal feed, thereby decreasing the risk of surface water pollution from excess phosphorus found in manure.

## Economic Impact



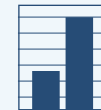
In 2014, agriculture and related industries added **\$985 billion** to the U.S. gross domestic product (GDP).



Agriculture exports hit a record high of **\$150 billion**, or 9% of total U.S. exports, in 2014.



In 2014, 17.3 million full- and part-time jobs were related to agriculture – **about 9.3% of total U.S. employment**.



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

## Kansas Agriculture

61,000 farms

\$16 billion in commodities

\$4.1 billion in agricultural exports

127,191 jobs



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Science Policy Office | 502 C St NE, Washington, DC 20002  
202.408.5558 | sciencepolicy@sciencesocieties.org