



USDA research is working for Iowa



Supporting innovation

In FY 2015, Iowa received **\$7.4 million in new grants** from the Agriculture and Food Research Initiative (AFRI).

Researchers at **Iowa State University** have an AFRI grant to test if cropping system diversification through the use of extended rotations increases weed control while also reducing reliance on herbicides.

F. virguliforme, a soil-borne fungus that results in soybean sudden death syndrome (SDS). AFRI funding is being used to study the infection mechanisms of the fungus in order to develop an SDS-resistance soybean line.

Supporting small business

From 2006-2015, Iowa small businesses received nearly **\$4.1 million in grants** through the Small Business Innovation Research program within USDA

In Carroll, **Agren Inc.** is using an SBIR grant to optimize a GIS-based modeling tool that will provides landowners with soil loss data to prevent erosion.

Economic Impact



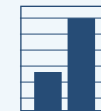
In 2014, agriculture and related industries added **\$985 billion** to the U.S. gross domestic product (GDP).



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**

Iowa Agriculture

88,000 farms

\$27 billion in commodities

\$10 billion in agricultural exports

177,993 jobs



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