



USDA research is working for Iowa

Supporting innovation

In FY 2014, Iowa received **\$19 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 can increase weed control while also reducing reliance on herbicides.

F. virguliforme is 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 2005-2014, Iowa small businesses received more than **\$3.5 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 provide landowners with soil loss data to prevent erosion.



agronomy.org | crops.org | soils.org



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Economic Impact



In 2013, agriculture and related industries added **\$789 billion** to the U.S. gross domestic product (GDP)



Agriculture exports hit a record high of over **\$144 billion**, or 9% of total U.S. exports, in 2013



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

\$31 billion in commodities

\$11 billion in agricultural exports

173,866 jobs

