



USDA research is working for Mississippi

Supporting innovation

In FY 2014, Mississippi received **\$150,000 in new grants** from the Agriculture and Food Research Initiative (AFRI)

Mississippi State University has an AFRI grant to evaluate how conservation practices are impacting the surface-ground water quality in the Mississippi Big Sunflower River Watershed.

AFRI-funded researchers are studying the genes that make nutrients in rice grains. These genes could be the key to making rice with increased nutritional content.

Supporting small business

From 2005-2014, Mississippi small businesses received nearly **\$500,000 in grants** through the Small Business Innovation Research program within USDA

In Picayune, **Data Star, Inc.** is using SBIR funding to develop a new remote-sensing tool to provide earlier and more accurate detection for citrus greening disease, a devastating pathogen threatening the citrus industry.

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**

Mississippi Agriculture

37,100 farms

\$6.6 billion in commodities

\$2.4 billion in agricultural exports

82,951 jobs



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