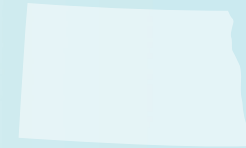




USDA research is working for North Dakota



Supporting innovation

In FY 2015, North Dakota received almost **\$1 million in new grants** from the Agriculture and Food Research Initiative (AFRI).

North Dakota State University received an AFRI grant to study the genes in related and wild wheat that control stress responses in order to breed a wheat variety with increased disease resistance and salt/waterlogging tolerance.

Researchers are using AFRI funding to assess the impact of growing energy beets for advanced biofuel production on soil health and water quality in north-central US.

Supporting small business

From 2006-2015, North Dakota small businesses received **\$750,000 in grants** through the Small Business Innovation Research program within USDA

In Portland, North Dakota, SBIR funding is being used to develop a more efficient and cost-effective erosion sensor that will detect how different particles move under various wind conditions.

Economic Impact



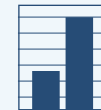
In 2014, agriculture and related industries added **\$985 billion** to the U.S. gross domestic product (GDP).



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**

North Dakota Agriculture

30,300 farms

\$7.1 billion in commodities

\$4.1 billion in agricultural exports

62,547 jobs



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