



USDA research is working for Ohio



Supporting innovation

In FY 2015, Ohio received **\$5.2 million in new grants** from the Agriculture and Food Research Initiative (AFRI).

Researchers at **Ohio State University** are using AFRI funding to study how components in green tea reduce inflammation response and prevent oxidative damage.

AFRI funding is being used to interbreed two lines of tomato plant with different pest resistance characteristics resulting in a new tomato line with increased resistance to diseases that affect tomato health and fruit quality.

Supporting small business

From 2006-2015, Ohio small businesses received more than **\$5.6 million in grants** through the Small Business Innovation Research program within USDA

In Columbus, **Metamateria Technologies Inc.** is using an SBIR grant to develop a new, nano-engineered, porous ceramic media that can clean undesirable trace pharmaceuticals from agricultural drainage water, allowing for safe discharge to water bodies or reuse for irrigation.

Economic Impact



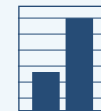
In 2014, agriculture and related industries added **\$985 billion** to the U.S. gross domestic product (GDP).



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**

Ohio Agriculture

74,500 farms

\$9.2 billion in commodities

\$3.6 billion in agricultural exports

164,636 jobs



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