



USDA research is working for New Jersey

Supporting innovation

In FY 2014, New Jersey received **\$1 million in new grants** from the Agriculture and Food Research Initiative (AFRI)

Researchers at **Rutgers University** received an AFRI grant to breed a new line of hazelnuts that are resistant to Eastern filbert blight fungus.

AFRI funding is being used to characterize the genes in American cranberry as a way to identify and breed new varieties with increased pest resistance and production efficiency.

Supporting small business

From 2005-2014, New Jersey small businesses received more than **\$3.6 million in grants** through the Small Business Innovation Research program within USDA

In North Brunswick, **Mirtech Inc.** received an SBIR grant to develop a novel delivery system for an anti-ripening compound that will improve the quality and extend the shelf life of fruits.

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**

New Jersey Agriculture

9,100 farms

\$1 billion in commodities

\$500 million in agricultural exports

30,083 jobs



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