



USDA Research is working for Missouri



Supporting innovation

In FY 2013, Missouri received **\$5.2 million in grants** from the Agriculture and Food Research Initiative (AFRI)

Researchers at **Washington University** are studying how crop plants detect specific hormones that regulate disease resistance, drought resistance, growth and seed development.

Missouri State University is using an AFRI grant to develop a new Cabernet Sauvignon grape hybrid that is more resistant to the fungus that causes grape bunch rot.

Supporting small business

From 2004-2013, Missouri small businesses received more than **\$3.1 million in grants** through the Small Business Innovation Research program within USDA

In St. Louis, **Invention House LLC** is using a novel reflection material that can efficiently capture solar energy, but uses less material, therefore dramatically lowering the cost.

Economic Impact



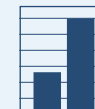
In 2011, agriculture and related industries added \$743 billion to the national GDP



Agriculture exports hit a record high of over \$140 billion in 2013



1 in 12 American jobs are associated with agriculture



U.S. public investments in agriculture research and development produce benefit-cost ratios of 20:1 and higher

Missouri Agriculture

99,171 farms

\$10 billion in commodities

\$4 billion in agricultural exports

203,205 jobs



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