



USDA Research is working for Maryland



Supporting innovation

In FY 2013, Maryland received **\$1 million in grants** from the Agriculture and Food Research Initiative (AFRI)

The Center for Research on the Changing Earth System received AFRI funding to create new climate modeling programs that would help better predict extreme weather patterns, such as drought.

The University of Maryland is using AFRI funding to study how different soil management techniques impact pathogen survival in the soil and transmission onto crops as a way to reduce food-borne illness.

Supporting small business

From 2004-2013, Maryland small businesses received more than **\$5.1 million in grants** through the Small Business Innovation Research program within USDA

In Parkton, **Inhibitrol Inc.** is using finely ground tobacco leaves as an additive to reduce the corrosive effects of road salt on infrastructure and vehicles.

Economic Impact



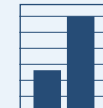
In 2011, agriculture and related industries added \$743 billion to the national GDP



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

Maryland Agriculture

12,256 farms

\$2.3 billion in commodities

\$807 million in agricultural exports

30,803 jobs



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