



USDA Research is working for California



Supporting innovation

In FY 2013, California received **\$18 million in grants** from the Agriculture and Food Research Initiative (AFRI)

AFRI funding is being used at **Stanford University** to determine how bacteria infect plants in order to develop novel pesticide strategies aimed at reducing crop loss.

University of California, Davis researchers are studying the “light-sensing” genes in wheat as a way to manipulate flowering time and optimize wheat adaptation to changing environments.

Supporting small business

From 2004-2013, California small businesses received more than **\$20 million in grants** through the Small Business Innovation Research program within USDA.

In Los Angeles, **Science & Sensors Tech.** received an SBIR grant to build a portable monitoring device that can more accurately determine the nutrient content in soil and drinking water.

Economic Impact



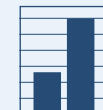
In 2011, agriculture and related industries added \$743 billion to the national GDP



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

California Agriculture

77,857 farms

\$44 billion in commodities

\$19 billion in agricultural exports

525,148 jobs



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