



USDA Research is working for Wisconsin



Supporting innovation

In FY 2013, Wisconsin received **\$6.5 million in grants** from the Agriculture and Food Research Initiative (AFRI)

At the **University of Wisconsin-Madison**, AFRI funding is being used to test if allergen mimics could be used in people with severe food allergies (ex. milk, wheat, peanut) as a “vaccine” for their allergic reaction.

AFRI funded researchers are studying how winter application of manure to managed dairy systems is impacted by frozen soil and snowmelts in order to reduce nutrient loss and improve water quality.

Supporting small business

From 2004-2013, Wisconsin small businesses received more than **\$7.9 million in grants** through the Small Business Innovation Research program within USDA.

In Madison, **Orbital Technologies Corp.** is developing an LED system that will keep plant-eating insects away from greenhouse crops, representing a non-toxic alternative to chemical pesticides.

Economic Impact



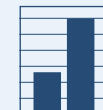
In 2011, agriculture and related industries added \$743 billion to the national GDP



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

Wisconsin Agriculture

69,754 farms

\$12 billion in commodities

\$3.2 billion in agricultural exports

169,248 jobs



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