



How is USDA Research Working for Minnesota?

In FY 2012, Minnesota received:

- **\$12 million** from the Agriculture Research Service (ARS)
- **\$6.7 million** from the Agriculture and Food Research Initiative (AFRI)

Agriculture Research Investments in Minnesota

- Minnesota has **4 ARS research units**:
 - Soil Management Research
 - Cereal Disease Research
 - Plant Science Research
 - Water Management Research

A turkey's breeding pattern is determined by the amount of daylight it is exposed to. Researchers at the **University of Minnesota** are studying the light-sensing neurons in turkeys as a way to increase breeding productivity.

AFRI funding is being used to study the chemistry of biofuel crops in order to develop new "bioplastics" made from the byproducts of biofuel production.

Agriculture Value in Minnesota

- Minnesota has **79,400 farms** that account for **\$21 billion in total commodities**, **\$8.2 billion in agricultural exports** and more than **162,000 jobs**
- U.S. public investments in agriculture research and development **produce benefit-cost ratios of 20:1 and higher**