



How is USDA Research Working for Michigan?

In FY 2012, Michigan received:

- **\$6.3 million** from the Agriculture Research Service (ARS)
- **\$8.2 million** from the Agriculture and Food Research Initiative (AFRI)

Agriculture Research Investments in Michigan

- Michigan has **2 ARS research units**:
 - Sugarbeet and Bean Research
 - Avian Disease and Oncology Research
- **Michigan State University** has 17 AFRI grants worth **\$5.5 million**

AFRI funding is used at the **University of Michigan** to study the life cycle of *C. jejuni*, a cause of gastroenteritis, in order to develop new techniques that would prevent poultry contamination.

Michigan State University researchers are studying how plant-soil-microbial interactions influence disease suppression and plant growth promotion in agroecosystems.

Small Business Benefits in Michigan

- Michigan small businesses received **\$288,000** through the Small Business Innovation Research and Small Business Technology Transfer programs within USDA

Xiomas Technologies, an Ypsilanti-based company, received a **\$100,000 grant** to develop a new airborne imaging system that can be used to improve wild fire detection and mapping.

Agriculture Value in Michigan

- Michigan has **54,700 farms** that account for **\$8.3 billion in total commodities**, **\$3.2 billion in agricultural exports** and more than **124,000 jobs**
- U.S. public investments in agriculture research and development **produce benefit-cost ratios of 20:1 and higher**