



How is USDA Research Working for Ohio?

In FY 2012, Ohio received:

- **\$9.3 million** from the Agriculture Research Service (ARS)
- **\$2.6 million** from the Agriculture and Food Research Initiative (AFRI)

Agriculture Research Investments in Ohio

- Ohio has **3 ARS research units**:
 - Appalachian Technology Research
 - Corn, Soybean and Wheat Quality Research
 - Soil Drainage Research

Most pest insects “hibernate” during the winter because of low food availability. Researchers are studying the hormones that cause hibernation to utilize as a novel approach for pest management.

At **Ohio State University**, AFRI funding is being used to study how the norovirus contaminates spinach and lettuce leaves, in order to reduce outbreaks of foodborne illness in humans.

Small Business Benefits in Ohio

- Ohio small businesses received **\$650,000** through the Small Business Innovation Research and Small Business Technology Transfer programs within USDA

In Verona, **Phycal, Inc.** is using a **\$100,000 SBIR grant** to develop a new particle-separating apparatus that will greatly improve algae harvesting efficiency for its use in bioenergy production.

Agriculture Value in Ohio

- Ohio has **73,400 farms** that account for **\$10 billion in total commodities**, **\$4.1 billion in agricultural exports** and more than **155,000 jobs**
- U.S. public investments in agriculture research and development **produce benefit-cost ratios of 20:1 and higher**

