



How is USDA Research Working for Mississippi?

In FY 2012, Mississippi received:

- **\$70 million** from the Agriculture Research Service (ARS)
- **\$23,000** from the Agriculture and Food Research Initiative (AFRI)

Agriculture Research Investments in Mississippi

- Mississippi has **14 ARS research units** including:
 - National Sedimentation Laboratory: Water Quality and Ecology Research
 - Biological Control of Pests Research
 - Crop Production Systems Research

Mississippi State University received AFRI funding to determine how to prevent visceral toxicosis of catfish, a lethal condition resulting from a bacterial infection. Entire ponds of market-ready catfish are lost during outbreaks, resulting in huge economic losses for catfish farmers.

AFRI-funded researchers are studying the genes that make nutrients in rice grains. These genes could be the key to making rice with increased nutritional content.

Agriculture Value in Mississippi

- Mississippi has **42,300 farms** that account for **\$6.2 billion in total commodities**, **\$2.4 billion in agricultural exports** and nearly **85,000 jobs**
- U.S. public investments in agriculture research and development **produce benefit-cost ratios of 20:1 and higher**