



How is USDA Research Working for Maryland?

In FY 2012, Maryland received:

- **\$145 million** from the Agriculture Research Service (ARS)
- **\$3.4 million** from the Agriculture and Food Research Initiative (AFRI)

Agriculture Research Investments in Maryland

- Maryland has **25 ARS research units** including:
 - Genetic Improvement for Fruits and Vegetable Laboratory
 - Environmental Microbial and Food Safety Laboratory
 - Bee Research Laboratory

The Center for Research on the Changing Earth System received AFRI funding to create new climate modeling programs that would help better predict extreme weather patterns, such as drought.

The University of Maryland is developing a more effective vaccine against *laryngotracheitis*, a highly contagious chicken virus which results in multi-million dollar losses to the U.S. poultry industry.

Small Business Benefits in Maryland

- Maryland small businesses received **\$500,00** through the Small Business Innovation Research and Small Business Technology Transfer programs within USDA

In Baltimore, **Intralytics, Inc.**, is developing a food preparation system that destroys *Salmonella* bacteria in raw beef and chicken. *Salmonella* is a leading cause of foodborne disease worldwide.

Agriculture Value in Maryland

- Maryland has **12,800 farms** that account for **\$2.3 billion in total commodities**, **\$757 million in agricultural exports** and more than **31,000 jobs**
- U.S. public investments in agriculture research and development **produce benefit-cost ratios of 20:1 and higher**