



## How is USDA Research Working for Illinois?

In FY 2012, Illinois received:

- **\$43 million** from the Agriculture Research Service (ARS)
- **\$5.4 million** from the Agriculture and Food Research Initiative (AFRI)

### Agriculture Research Investments in Illinois

- Illinois has **9 ARS research units** including:
  - Bioenergy Research
  - Soybean & Maize Germplasm, Pathology, and Genetics Research
- **The University of Illinois** has 8 AFRI grants worth nearly **\$3.9 million**

The **ARS Plant Polymer Research Unit** is testing best management practices for oilseed crop rotation. Oilseed crops can be used as biofuels, but also can benefit critical pollinator populations.

AFRI funding is being used at the **University of Illinois** to design a safer and more effective carrier for livestock vaccines.

### Small Business Benefits in Illinois

- Illinois small businesses received **\$550,000** through the Small Business Innovation Research and Small Business Technology Transfer programs within USDA

In Savanna, **N-Ovation Inc.** is optimizing a process which produces nitrogen fertilizer from air, water, & electricity, allowing farmers to produce their own nitrogen fertilizer at a greatly reduced cost.

### Agriculture Value in Illinois

- Illinois has **74,300 farms** that account for **\$20 billion in total commodities**, **\$8.3 billion in agricultural exports** and more than **146,000 jobs**
- U.S. public investments in agriculture research and development **produce benefit-cost ratios of 20:1 and higher**