

Oklahoma State University (OSU)

BACKGROUND

The Hatch Act provides basic capacity funding for State Agricultural Experiment Stations. The act requires that states provide a 100% match from non-federal resources (many states provide a greater match). Hatch Act funding is distributed by USDA's National Institute of Food and Agriculture to eligible institutions under a statutory formula.

Congress has provided small increases in recent years, but this has barely slowed the steady, decades-long erosion of this vital program.

The land-grant system strongly supports Hatch Act funding at \$240 million in FY 2011.

CONTACT

Robert E. Whitson
Vice President, Dean & Director
1-405-744-2474
bob.whitson@oksate.edu

Clarence E. Watson
Associate Director
1-405-744-5398
clarence.watson@okstate.edu



VALUE OF HATCH ACT FUNDS

In Oklahoma (FY 2009), each dollar we receive under the Hatch Act appropriation is leveraged by \$10.69 in state funding.

Funds Leveraged by Our Pro Rata Share of Hatch Act Appropriation

	FY 2009 ¹	FY 2010 ²	FY 2011 ³
Federal (Hatch)	3,462,883	3,589,000	4,016,944
State	29,818,928	29,397,832	26,668,643

Total **\$32,607,098** **\$32,297,546** **\$29,895,533**

NOTES: (1) FY 2009 funds are actual amounts; (2) FY 2010 is estimated; (3) FY 2011 assumes a \$240 million appropriation (as requested by the Association of Public and Land-grant Universities).

In 2009, OAES scientists leveraged \$20,602,044 in extramural grant fund for combined leveraging (state appropriations + extramural) of \$18.08 for each Hatch dollar.

The annual Hatch allocation to the Oklahoma AES provides partial support for:

- 99 faculty full time equivalents
- 19 research stations representing land resource areas of Oklahoma.
- More than 200 Graduate research assistants.

BENEFITS OF HATCH FUNDS

As shown above, if Congress increases the FY 2011 Hatch Act appropriation to \$240 million, our pro rata increase would be \approx \$427,944. We would use such an increase to develop or expand research in the following areas:

- WHEAT – improvement, production, harvesting, storage and processing
- BEEF - production, nutrition, waste management, economics
- BIOENERGY – Biomass production, harvesting, storage and fuel production
- AGRICULTURAL SYSTEMS BIOSECURITY – food safety, bio forensics
- WATER – irrigation, use, management, quality
- CROPS – production, protection, harvesting, storage, processing

OTHER PROGRAM HIGHLIGHTS

Examples of research conducted by the Oklahoma Agricultural Experiment Station

- Osteoporosis risk in Native American women in Oklahoma
- Value-added processing in the Food industry
- Turfgrass improvement and management practices
- Range fire management for increased productivity and invasive species control
- Precision agriculture applications for increased profitability
- Development of smart textiles to detect toxic chemicals
- Protein structure and function related to immune response