

University of Kentucky

BACKGROUND

The Hatch Act provides basic capacity funding for State Agricultural Experiment Stations (AES). 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.

CONTACTS

Dr. Nancy Cox
Director, KY AES
859-257-3333
ncox@uky.edu



VALUE OF HATCH ACT FUNDS

In Kentucky (FY 2009), each dollar we receive under the Hatch Act is leveraged by \$4.84 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)	5,541,562	5,739,298	6,657,585
State	26,795,516	26,259,606	24,946,625
Total	\$32,337,078	\$31,998,904	\$31,604,211

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).

An Additional Note About Leveraging: These Hatch and State funds combined enabled UK AES faculty to generate \$24 million in external contracts and grants in FY 2009.

Of the annual Hatch allocation to the KY AES:

- 21% for faculty researchers in agriculture
- 13% provides graduate student and post doctoral support to conduct research relevant to KY and the region
- 17% provides materials and supplies for faculty research projects to meet Kentucky's emerging needs in agriculture
- 49% provides technical, field, and other staff on KY AES farms and laboratories for agricultural research

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 \$918,288. We would use such an increase to develop or expand research efforts and graduate student funding in the following areas:

- Equine research on diseases, genetics and nutrition
- Development of biofuels, bio-oils, and bioenergy
- Beef research on genetics, nutrition, and production
- Advanced Genetics Technology Center in proteomics and bioinformatics
- Soil fertility and conservation tillage
- Gene technologies to control insect pests
- Geospatial technologies to control invasive species
- Ways to provide safer and healthier meat products
- Improve the emotional well being of people
- Nutrition for animals and food safety for humans
- Improving soil and water quality with best management practices

OTHER PROGRAM HIGHLIGHTS

The Kentucky AES conducts research in the following areas

- The link between food, nutrition, and human health
- Strategies to help Kentucky's forage-based beef and horse industries adapt to climate change
- Mine reclamation and restoration of forest resources
- Youth, family, and community development
- Warm-season grass cropping systems for sustainable biomass and bioenergy production
- Management of Appalachian forests for sustaining ecosystem services and diversifying economic opportunities
- The impact of invasive plant species on the Kentucky landscape
- Development of sustainable agriculture practices
- Food security