

Item 3.0: Budget and Legislative Committee Report
Presenter: LeRoy Daugherty/H. Michael Harrington
Background:

The ESS federal budget priorities for FY 2010 will be developed and discussed at the ESS annual meeting this September. The ESS FY09 priorities to this point are as follows.

- 1) Maintain capacity for research through base funds (Hatch, Evans-Allen, McIntire-Stennis, Animal Disease).
- 2) Increase the National Research Initiative (NRI) with special emphasis on integrated program areas.

ESS FY 09 Subject Matter Priorities for Federal Funding (all agencies)

Broad Category	Rank	Issue
Biobased Economy	1	Bioconversion and biofuels Feedstocks Development and utilization of bioproducts Economics and policy Land-Use Issues and policy Water quality and quantity Energy security
Food, Nutrition and Health	2	Food Safety Obesity/Consumer Behavior Innovative plant and animal technologies and systems Functional Foods/Nutraceuticals
Environment	3	Water quality and quantity Invasive species Rural communities and land use issues Global climate change Sustainable agriculture systems Agricultural mechanization
Food and Agro Security	4	Rapid Detection of Threat Agents Risk Assessment Facility and Personnel Security

Biobased Economy: Increase our knowledge of bioconversion of plant and animal feedstocks to bioenergy and bioproducts including plant and microbial genomics, bioprocessing systems, and biomass production.. Enhance understanding of the long term sustainability of bioconversion systems including economics, land use policies, water availability, and energy security.

Food, Nutrition and Health: Develop the knowledge base on the etiology of food safety. Develop an understanding of the role of diet and consumer behavior on human health including obesity. Develop innovative plant and animal production technologies and systems. Enhance the ability to identify foods with physiological activity and apply new, innovative technology to improve food systems.

Environment: Provide a framework for understanding and addressing issues of water quality and quantity and invasive species. Develop a better understanding of rural community vitality including land use. Contribute to issues of global climate change. Develop sustainable agriculture systems including agricultural mechanization.

Food and Agro Security: Develop the knowledge base for (1) rapid detection of threat agents and disaster preparedness and recovery efforts, (2) risk assessment, and (3) facility and personnel security. Provide for facilities as stated in section 1485 of the 2002 Farm Bill that authorizes up to \$10M per year awarded to each experiment station on a competitive basis with required matching funds (77 units (SAES and ARD) at \$10M each amounts to \$250M per year for three years).

Action Requested: For information