Research Title of the 2007 Farm: Three Proposals

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The Funding Challenge

- Increased funding for other science agencies such as the National Science Foundation (NSF) and National Institutes of Health (NIH)
- Flat Federal formula funding for research and extension
  - Pressure from Office of Management and Budget to shift all extramural research funding to competitive grants, and eliminate Federal formula funds (Hatch, McIntire-Stennis, and Animal Health)
Federal Funding Shortfall

- Compared to other federal science efforts, USDA-CSREES base funding has not fared well:

![Graph showing 9-Year Change in Funding (Cumulative %)]
Diminished Capacity

- Funds (constant 1997 dollars) have actually declined from 1997 to 2005.
  - NIH: +$10Billion
  - NSF: +$850 Million

![Bar graph showing Exp. Station and Extension funds with negative values in millions.]

$\text{$, Millions}$
New Challenges for Agricultural Research

- Obesity and human nutrition
- Biofuels and bioproducts
- Food safety and security
- Climate change
- Environmental degradation
- Changing rural communities
The Administration’s Proposal

- Consolidate ARS and CSREES into a single agency named “Research, Education, and Extension Service”
- Authorize USDA to conduct research on highly infectious foreign animal diseases at mainland locations
- Establish mandatory competitive grant funding:
  - $50 million annually for 10 years for bio-fuels research
  - $100 million annually for 10 years for specialty crops research
  - $10 million annually for organic research
Danforth Committee Proposal

- Establish a National Institute of Food and Agriculture (NIFA)
  - Name a Director who reports to the Secretary of Agriculture
  - Start with $245 million per year in competitive grants and grow to $966 million in 5 years
  - Would be in addition to current authorization for ARS, CSREES, ERS, and US Forest Service
The Land Grant Community Proposal

Creating Research, Extension, and Teaching Excellence for the 21st Century

(CREATE-21)
CREATE-21 Organizational Structure

- Under Secretary for Research, Education and Economics
  - Initially included Agricultural Research Service (ARS)
  - Cooperative State Research, Education, and Extension Service (CSREES)
  - Economic Research Service (ERS)
  - National Agricultural Library (NAL)
  - National Agricultural Statistics Service (NASS)
Greater integration is possible

Priorities & Programs developed by each agency with coordination. Programs reviewed by NAREEE Advisory Board and other mechanisms.
New Investment is Required

- Doubling of funding within seven years
  - New money from $2.68 Billion in FY2007 to $5.35 Billion
  - In seven years:
    - Competitive (42%)
    - Capacity (58%)
Elements of the Proposal

• National Institute for __________
  (title under discussion)
  ▪ Independent agency under leadership of the Secretary of Agriculture
  ▪ Incorporates current elements of USDA’s research, education, and extension activities
  ▪ Designed to find solutions to critical food, agriculture, natural resource, and community problems
    • Organized around six priority areas
    • Areas of focus / solution areas to be developed
Organized Around Strategic Priorities (n=6)

- Director
- Stakeholder Board
- Capacity
  - Intramural Programs
  - Land-Grant & Related Universities
  - Competitive Programs

Areas of Focus / Solution Teams (e.g. obesity, bioenergy, AI)

- Enhance Economic Opportunities for Agriculture and Natural Resources
- Support Rural & Urban Community Development
- Enhance Protection and Safety of Agriculture and Food Supply
- Improve Nutrition and Health
- Protect and Enhance Natural Resource Base and Environment
- Ensure Family, Youth & Community Success
Enhance Economic Opportunities for ANR

- Capacity
  - Intramural
  - Land-Grant and Related Universities

- Capacity IDC
  - Competitive Programs
    - 1862 Institutions
    - 1890 Institutions
    - 1994 Institutions
    - Related Universities (e.g. AASCARR)

NIFA / Fundamental
Integrative / Systems Approach
Set Aside for Minority Serving & Small 1862 Institutions (20%)
Outcomes

Integrated research, analysis, education and engagement that is dedicated to the creation of a safe, sustainable, competitive food and fiber system, as well as strong communities, families, and youth.
Questions

Thanks.