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Agriculture and Food Research Initiative



Authorized in Section 7406 of the Food, Conservation, and Energy Act of 2008 (*i.e.*, the 2008 Farm Bill)

AFRI is a new competitive grant program to provide funding for fundamental and applied research, extension, and education to address food and agricultural sciences.



Agriculture and Food Research Initiative



Fundamental and Applied Research

Education

Extension

Integrated Research, Education, and
Extension



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Authorized for appropriation of \$700 million for each of fiscal years 2008 through 2012

No less than 30% will be made available for integrated programs

Indirect costs capped at 22%



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Of funds allocated for research:

No less than 40% made available for applied research

No less than 60% made available for fundamental research

No less than 30% for multi-disciplinary teams

No more than 2% for equipment grants

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Two different eligibilities provided in the Farm Bill:

“AFRI eligibility” for non-integrated programs

“Section 406 eligibility” for integrated programs

Eligibility implemented at the program level

All AFRI programs are designated as “integrated” or “non-integrated”

Non-Integrated Eligibility



Eligible Institutions

State agricultural experiment stations, colleges and universities, university research foundations, other research institutions and organizations, Federal agencies, national laboratories, private organizations or corporations, individuals, and any group consisting of two or more of the preceding entities



Integrated Eligibility

A group of approximately ten people, including men and women of various ethnicities, are seated in a row. They appear to be in a meeting or a classroom setting, with some looking towards the camera and others looking down or at each other. The background is a plain, light-colored wall.

Eligible Institutions

Colleges and universities, University research foundations, 1994 Land-Grant Universities, and Hispanic-serving agricultural colleges and universities



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A field of sunflowers in bloom, with bright yellow petals and dark brown centers, set against a clear blue sky.

Single Function: Research, Education, or
Extension Grants

Multi-functional: Integrated Research,
Education, and Extension Project Grants

Conference Grants

Food and Agricultural Science Enhancement
(FASE) Grants – *restricted eligibility*

Coordinated Agricultural Project (CAP) Grants

A background image of a farm with several large, cylindrical metal silos and a smaller building, set against a clear sky and a field of crops.

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Research Grants

Fundamental research that (i) increases knowledge or understanding of the fundamental aspects of phenomena and has the potential for broad application and (ii) has an effect on agriculture, food, nutrition, or the environment

Applied research that includes expansion of the findings of fundamental research in order to uncover practical ways in which new knowledge can be advanced to benefit individuals and society

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A decorative banner at the top of the slide features a field of vibrant yellow sunflowers with dark brown centers, set against a clear blue sky.

Education Grants

Development of human capital relevant to overall program goals for US agriculture

Formal classroom instruction, laboratory instruction, and practicum experience in the food and agricultural sciences and other related matters



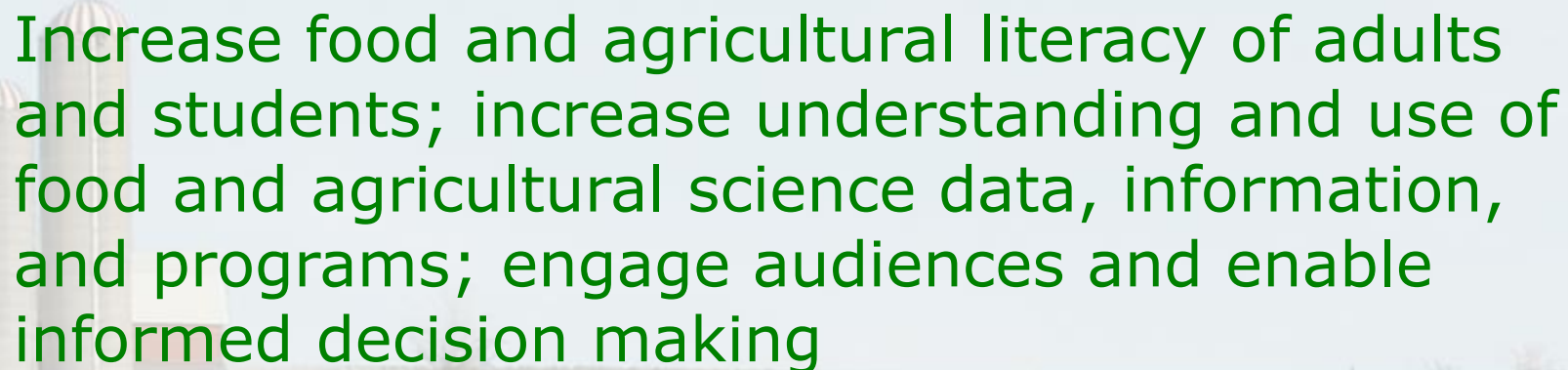
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A decorative banner at the top of the slide features a field of vibrant yellow sunflowers with dark brown centers, set against a clear blue sky.

Extension Grants

Conduct programs and activities that deliver science-based knowledge and informal educational programs to people, enabling them to make practical decisions

Increase food and agricultural literacy of adults and students; increase understanding and use of food and agricultural science data, information, and programs; engage audiences and enable informed decision making

A faint, light-colored background image of a farm with several large, cylindrical grain silos and a field of crops, likely corn, under a clear sky.

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A decorative banner at the top of the slide features a field of vibrant yellow sunflowers with dark brown centers, set against a clear blue sky.

Integrated Research, Education, and Extension Project Grants

Bring the three components of the agricultural knowledge system (research, education, and extension) around a problem area or issue

Stakeholder Driven

Problem Focused

Outcome Oriented

A background image of a farm with several tall, cylindrical metal silos and a barn, situated behind a field of golden-brown crops under a clear sky.

Conference Grants

Support scientific meetings that bring together scientists to identify research, education, or extension needs, update information, or advance an area of science

Not expected to exceed \$10,000 and are not renewable, indirect costs are not allowed

Contact the National Program Leader for the applicable program

Food and Agricultural Science Enhancement Grants (FASE)



Post-Doctoral Fellowship Grants

New Investigator Grants

Strengthening Grants

Sabbatical

Equipment

Seed

Strengthening Standard



Food and Agricultural Science Enhancement Grants (FASE)



Post-Doctoral Fellowship Grants

Limited to \$125,000 for a two-year duration and are not renewable

Funds for salary support, other expenditures (*e.g.*, supplies, travel, and publication) are allowed

New Investigator Grants



<5 years postgraduate, career-track experience and has not received competitively awarded Federal research funds


Food and Agricultural Science Enhancement Grants (FASE)



Strengthening Grant Eligibility

Small and mid-sized schools or minority-serving institutions with limited institutional success

State agricultural experiment stations or degree-granting institutions in Experimental Program for Stimulating Competitive Research (EPSCoR) states



Food and Agricultural Science Enhancement Grants (FASE)



Sabbatical Grants

Limited to one year of salary and funds for travel and supplies and are not renewable

Equipment Grants

Limited to one major piece of equipment within the cost range of \$10,000-\$250,000

Amount requested shall not exceed 50 percent of the cost or \$50,000

Matching funds with non-Federal funds



Food and Agricultural Science Enhancement Grants (FASE)



Seed Grants

Limited to a total of \$150,000 for two-years and are not renewable

Strengthening Standard Grants

Use strengthening set-aside funds for meritorious standard proposals that fall below the funding cutoff limit



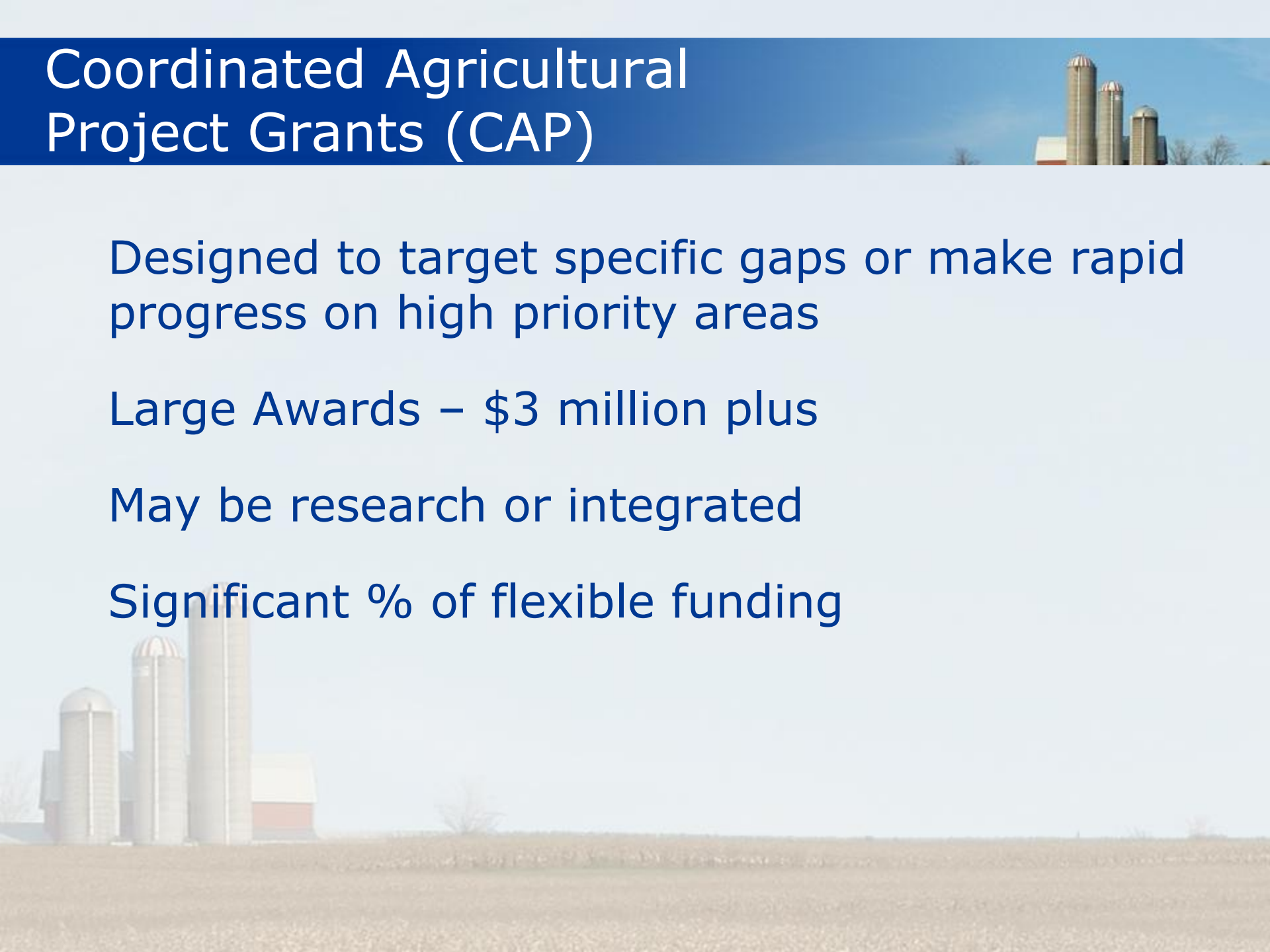
Coordinated Agricultural Project Grants (CAP)

Designed to target specific gaps or make rapid progress on high priority areas

Large Awards – \$3 million plus

May be research or integrated

Significant % of flexible funding



Agriculture and Food Research Initiative



Six Priority Areas:

Plant Health and Production and Plant
Products

Animal Health and Production and Animal
Products

Food Safety, Nutrition, and Health



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Six Priority Areas:

Renewable Energy, Natural Resources, and
Environment

Agriculture Systems and Technology

Agriculture Economics and Rural
Communities



Plant Health and Production and Plant Products



Arthropod and Nematode Biology and
Management^a

Protection of Managed Bees CAP^c

Microbial Biology: Microbial Associations
with Plants^a

Microbial Genomics^b

^aResearch projects only

^bResearch and Education projects

^cIntegrated projects only

^dIntegrated and Research projects

^eIntegrated and Extension projects



Plant Health and Production and Plant Products



Plant Biology^a

Plant Biosecurity^e

Plant Genome, Genetics, and Breeding^a

Applied Plant Genomics CAP^c

Plant Breeding and Education^c

^aResearch projects only

^bResearch and Education projects

^cIntegrated projects only

^dIntegrated and Research projects

^eIntegrated and Extension projects



Animal Health and Production and Animal Products



Animal Genome, Genetics, and Breeding^a

Animal Growth and Nutrient Utilization^a

Animal Reproduction^a

Animal Biosecurity CAP^c

Animal Health and Well-being^a

Integrated Solutions for Animal Agriculture^c

^aResearch projects only

^bResearch and Education projects

^cIntegrated projects only

^dIntegrated and Research projects

^eIntegrated and Extension projects



Food Safety, Nutrition, and Health

Bioactive Food components for Optimal Health^b

Food Safety and Epidemiology^c

Human Nutrition and Obesity^e

Improving Food Quality and Value^b

^aResearch projects only

^bResearch and Education projects

^cIntegrated projects only

^dIntegrated and Research projects

^eIntegrated and Extension projects

Renewable Energy, Natural Resources, and Environment

Air Quality^d

Biology of Weedy and Invasive Species in Agroecosystems^c

Managed Ecosystems^c

Soil Processes^b

^aResearch projects only

^bResearch and Education projects

^cIntegrated projects only

^dIntegrated and Research projects

^eIntegrated and Extension projects

Renewable Energy, Natural Resources, and Environment

Water and Watersheds^a

Global and Climate Change^a

Sustainable Agroecosystems Science and
Long-Term Agroecosystem Program^c

Enhancing Ecosystem Services from
Agricultural Lands^a

^aResearch projects only

^bResearch and Education projects

^cIntegrated projects only

^dIntegrated and Research projects

^eIntegrated and Extension projects

Agriculture Systems and Technology

Biobased Products and Bioenergy Production Research^b

Nanoscale Science and Engineering for Agriculture and Food Systems^a

^aResearch projects only

^bResearch and Education projects

^cIntegrated projects only

^dIntegrated and Research projects

^eIntegrated and Extension projects

Agricultural Economics and Rural Communities



Agribusiness Markets and Trade^a

Agricultural Prosperity for Small and
Medium-sized Farms^c

Rural Development^c

^aResearch projects only

^bResearch and Education projects

^cIntegrated projects only

^dIntegrated and Research projects

^eIntegrated and Extension projects



Applying to CSREES

All proposals must be submitted via
[Grants.gov](https://www.Grants.gov)

Submit well before the deadline to allow
for time to correct problems

Make sure to follow all application
guidelines; attachments in PDF

Call the National Program Leader with
questions related to specific programs

Get Involved

Volunteer to serve on a peer review panel

Contact the National Program Leader to express interest

Send a current CV

Volunteer to serve as an *ad hoc* reviewer

Submit an application

Grantsmanship Workshops

Competitive Programs

- November 10-11, 2009 - Kansas City, MO
Embassy Suites Kansas City - International
Airport
- November 18-19, 2009 - Washington, D.C.
Marriott Crystal Gateway

Integrated Competitive Programs

- None scheduled at this time

For More Information

CSREES website: www.csrees.usda.gov

Contact me:

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