

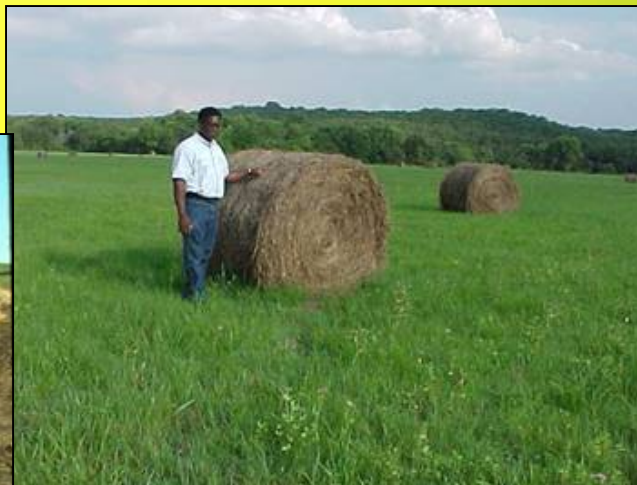
# *Sustainable Agriculture Research and Education*



Kansas Center  
for Sustainable Agriculture  
and Alternative Crops



Sustainable Agriculture  
Research & Education



# What is SARE?

- *USDA-NIFA grant program to expand and extend knowledge about sustainable agriculture*
- *Started in 1988*
- *SARE grant programs: use a systems approach, participatory and inclusive, and decentralized decision making*



# Farm Bill: Sustainable Agriculture

Integrated system of plant and animal production practices having a site-specific application that will over the long term,

- Satisfy human food and fiber needs;
- Enhance environmental quality and the natural resource base upon which the agricultural economy depends;
- Make the most efficient use of nonrenewable resources and on-farm resources and integrate, where appropriate, natural biological cycles and controls;
- Sustain the economic viability of farm operations; and
- Enhance the quality of life for farmers and society as a whole.



# What is SARE?

**Grants and outreach to advance sustainable innovations to the whole of American agriculture.**





# The SARE Model

## Systems Approach

Looking at agriculture from an **ecosystems** perspective, taking a **whole farm** approach and using **interdisciplinary** teams to address complex questions.

**Profitability**

**Stewardship**

**Community Benefit**

Photo by Troy Ishopp



# The SARE Model

## Participatory

SARE has *education partnerships with Extension* and other ag professionals in every state and island protectorate.

*Farmers* involved at all levels!

Photo by Bob Nichols, USDA NRCS

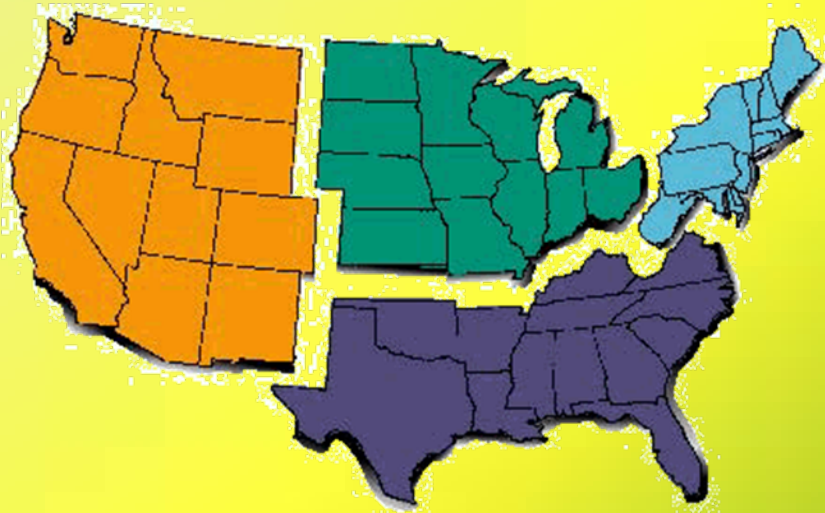




# The SARE Model

## Decentralized

Four regional councils set priorities and make grants



# SARE Regions and Host Institutions

***North Central at  
University of Minnesota***

***Northeast  
at  
University  
of Vermont***

***Western at  
Utah State  
University***



***Southern at University of Georgia***





# North Central SARE Core Ideologies

## *Core Value*

*The sustainability and well-being of all aspects of agriculture and those communities that support agriculture.*

## *Core Purpose*

*To preserve resources, to achieve the best environment possible, to produce the highest quality of product, and to maximize the quality of life.*



# **North Central SARE Goals**

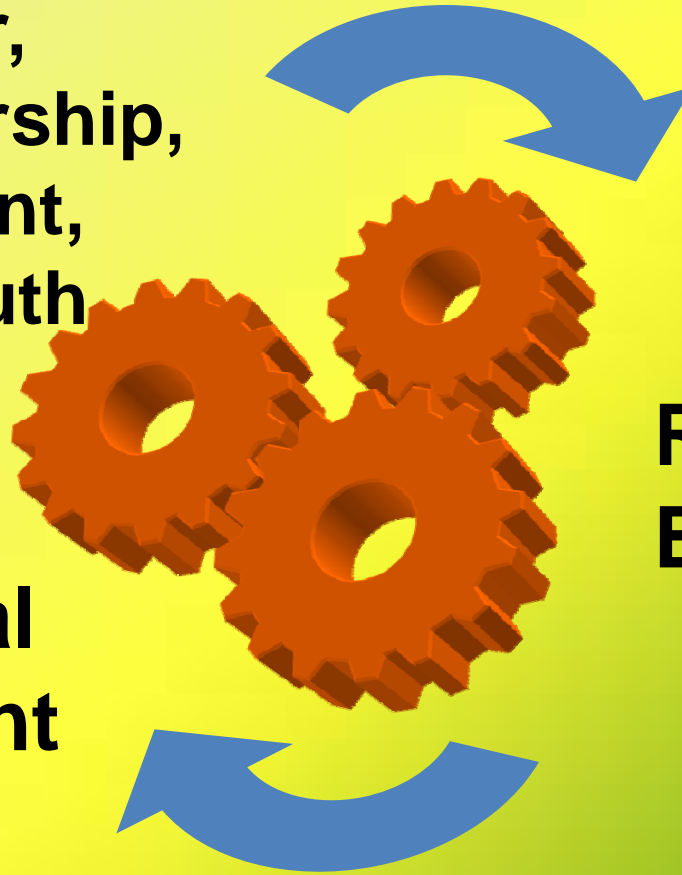
**Foster site-specific, integrated farming systems; satisfy human food and fiber needs; enhance environmental quality, natural resource conservation and the integration of on-farm and biological resources; enhance the quality of rural life and support owner-operated farms; protect human health and safety; and promote crop, livestock and enterprise diversity and the well-being of animals.**

# *Grant Connections*

**Farmer/Rancher,  
On-farm/Partnership,  
Graduate Student,  
Community, Youth**

**Professional  
Development**

**Research and  
Education**





# Competitive Grant Opportunities

- *Research and Education Grants*
- *Professional Development Grants*
- *Farmer/Rancher/Producer Grants*
- *Graduate Student Grants*
- *Youth and Youth Educator Grants*



# Research and Education Grants

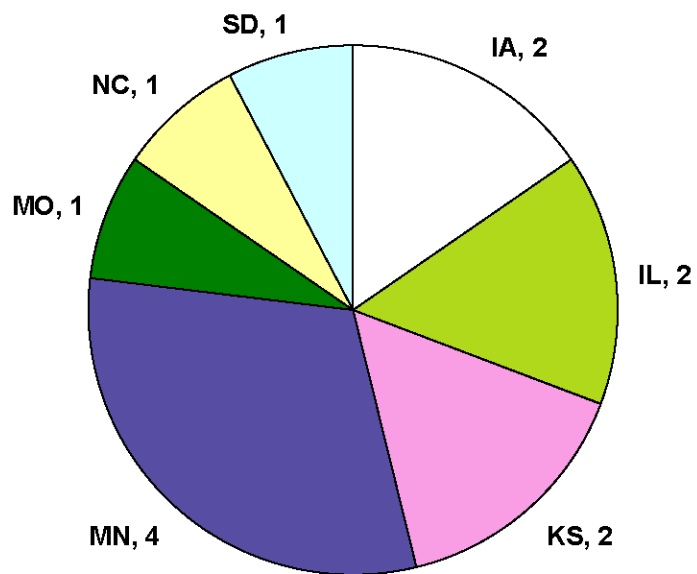
- *Every grant must have an outreach component*
- *Encourage exploration of holistic systems*
- *Producer involvement*
- *Goal: adoption of practices by farmers that help them meet NCR SARE's Goals*



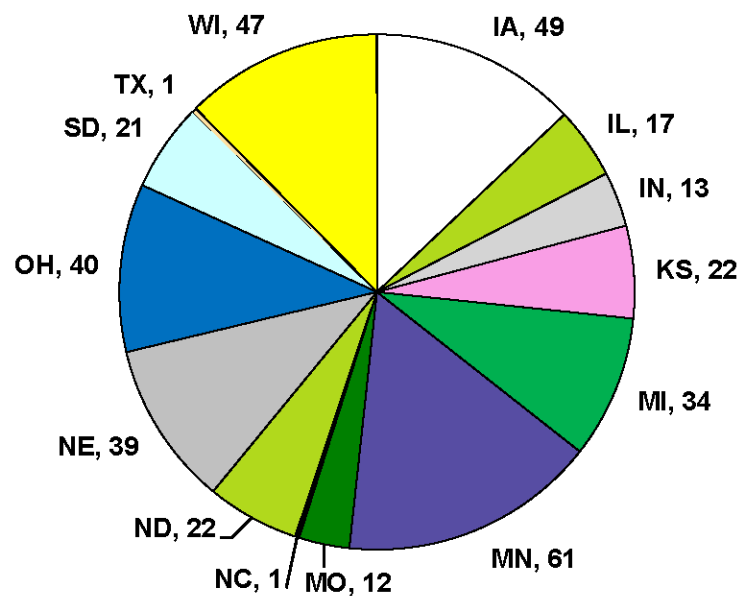


# R&E Grants Funded Per State

● 2010 ~ 13 Total

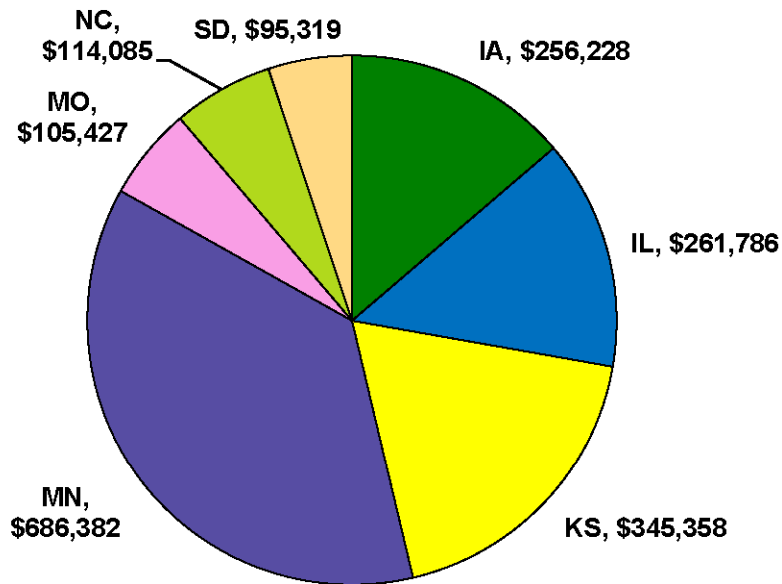


● 1988-2010 ~ 378 Total

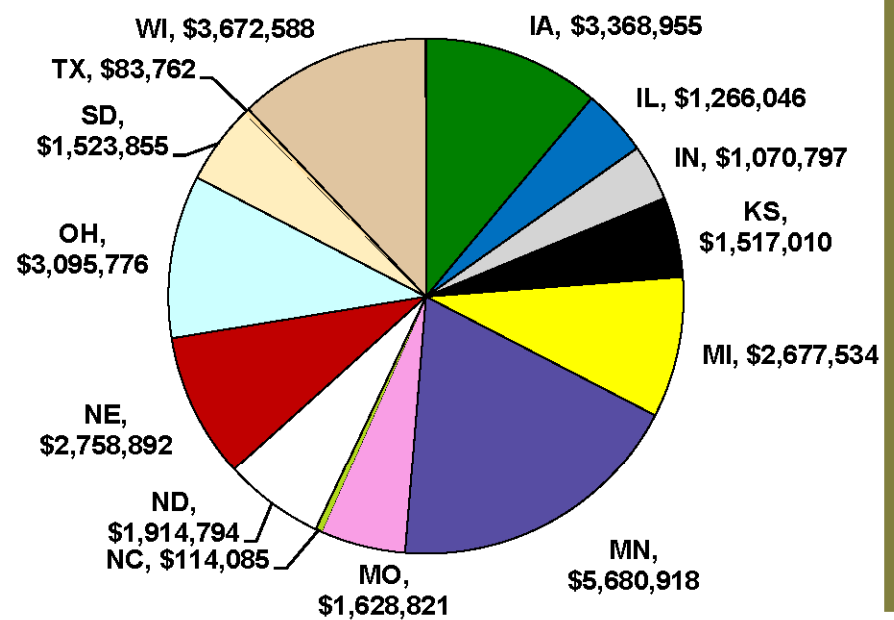


# R&E Dollars Funded Per State

● 2010 ~ \$1,864,585



● 1988-2009 ~ \$30,373,833



# Professional Development Grants

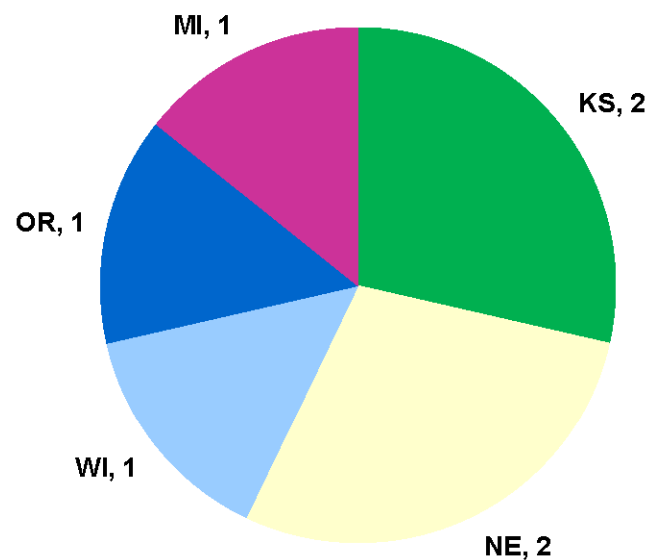
- *Train-the-trainer program*
- *Educate extension and other ag service providers (NRCS, non-profits, FSA, consultants)*
- *Goal: To improve and enhance continuing education opportunities for professionals who work directly with farmers*



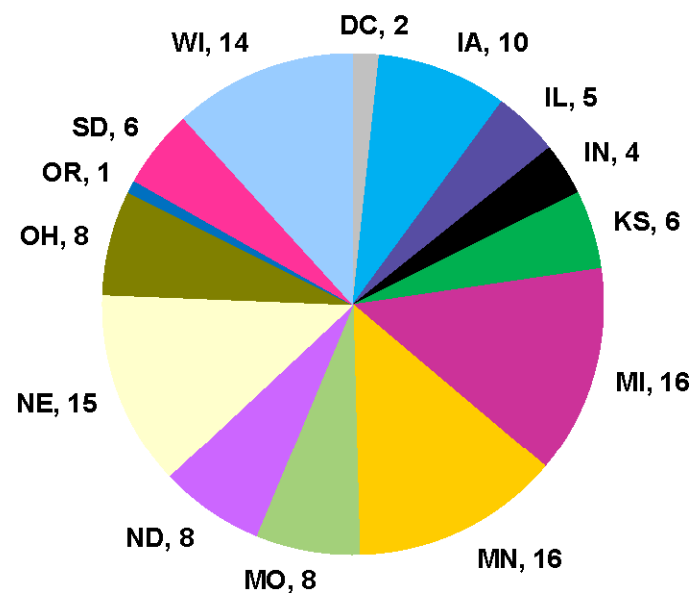


# PDP - # Of Funded Competitive Grants Only, Per State

● 2010 ~ 7

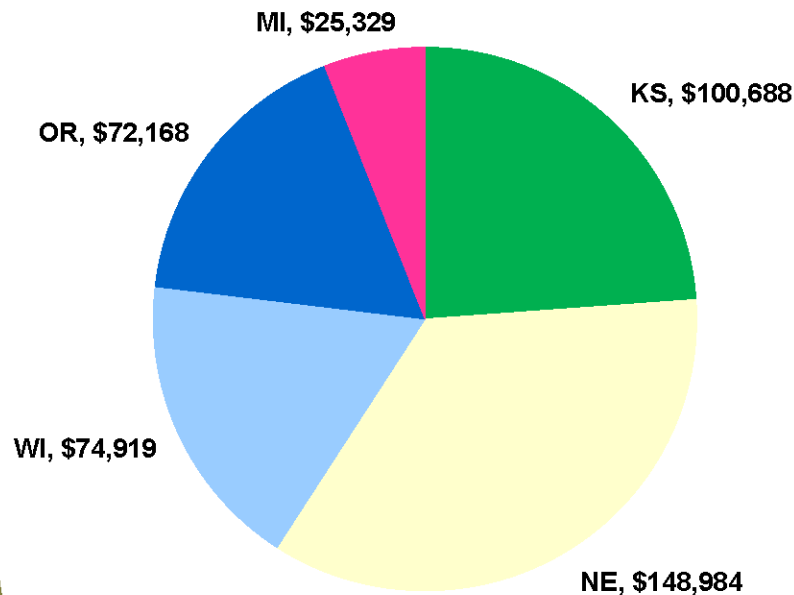


● 1994-2010 ~ 119

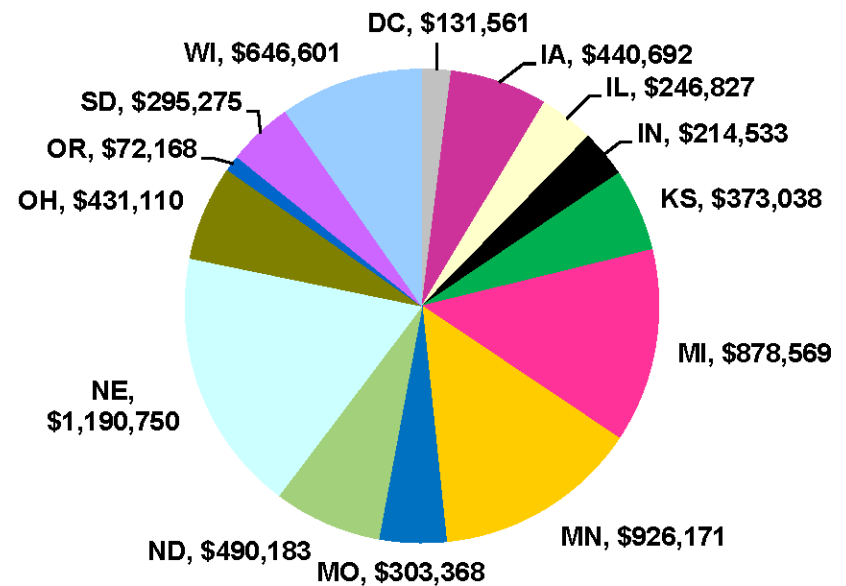


# PDP – Funded Competitive Dollars Only, Per State

● 2010 ~ \$422,088



● 1994-2010 ~ \$6,640,846



# Farmer Rancher Grants

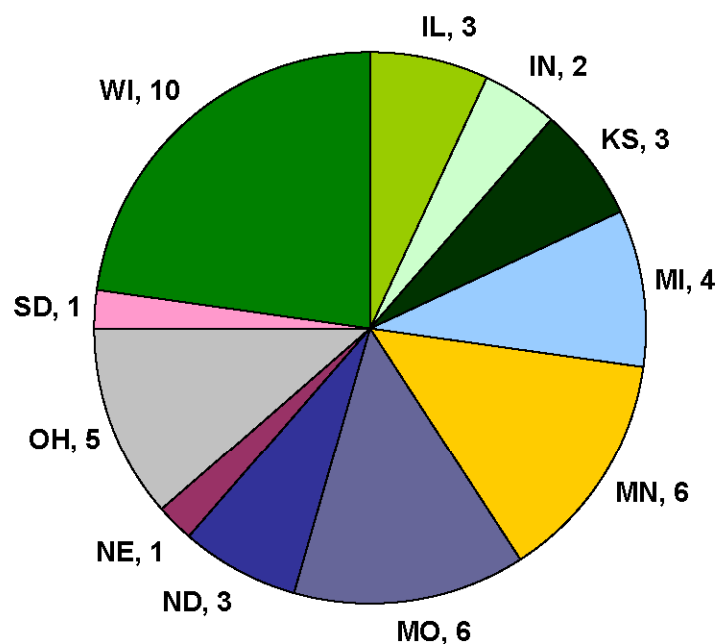
- *Up to \$6,000 for individual producer; \$18,000 for group of 3 or more*
- *Pay for direct costs of project*
- *Farmer in charge; Technical advisor required*
- *Must share results with other farmers*



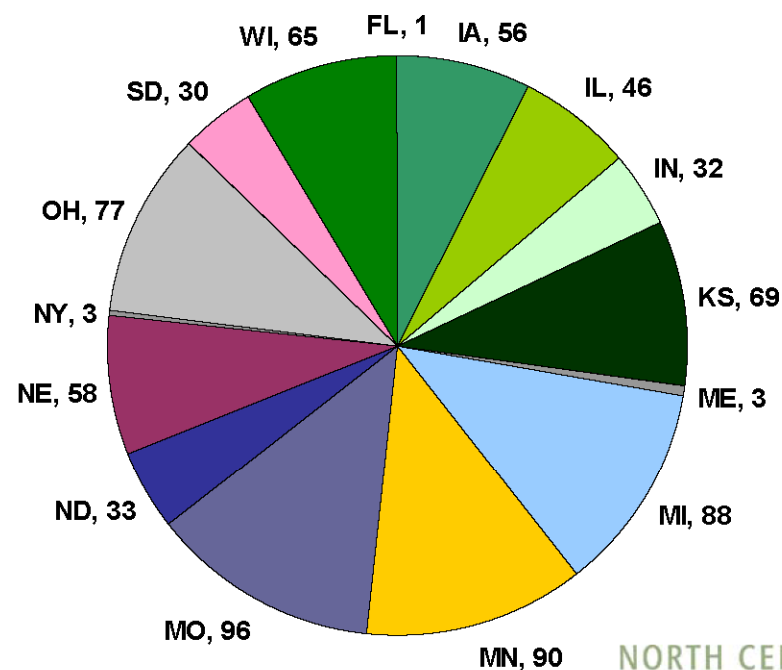


# FRG Projects Funded Per State

● 2009 ~ 44

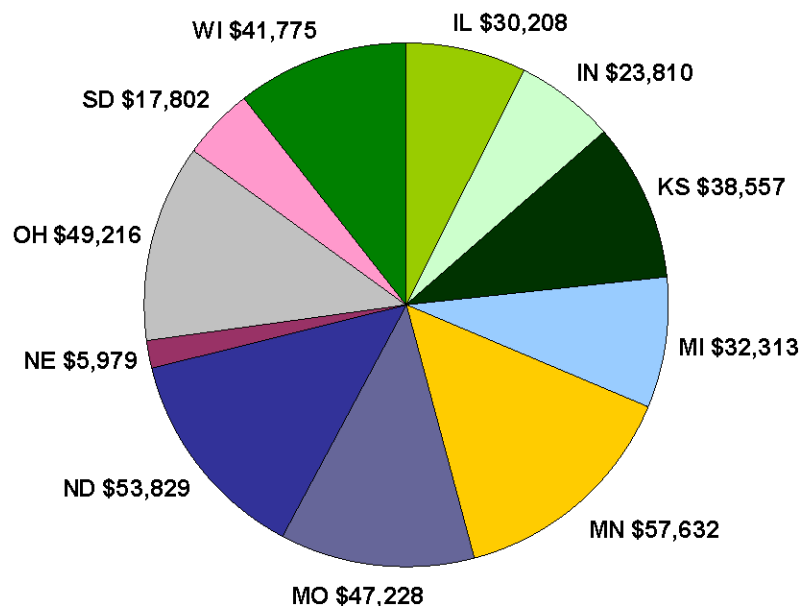


● 1992-2009 ~ 747

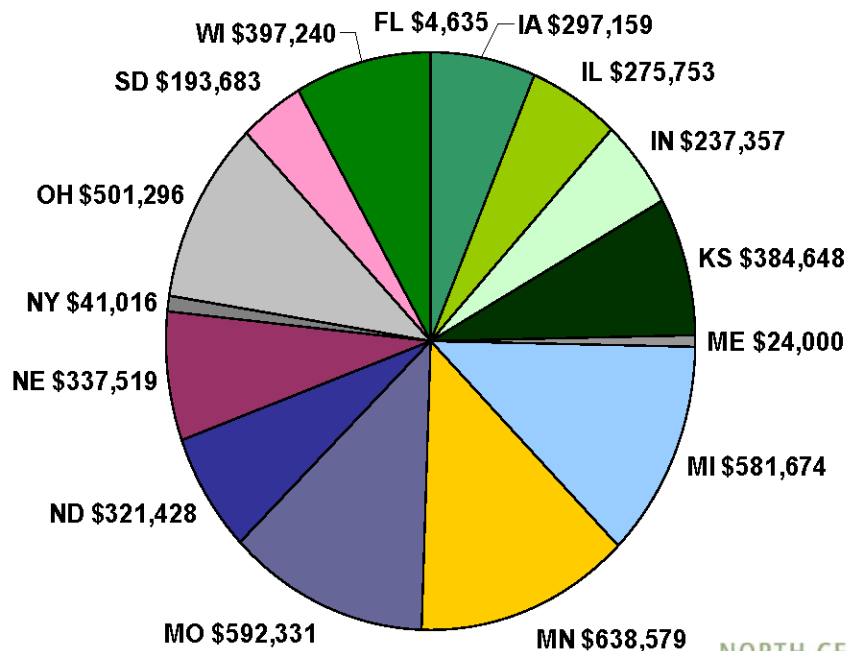


# FRG Dollars Funded Per State

● 2008 ~ \$398,350



● 1992-2008 ~ \$4,828,319



# Youth and Youth Educator Grants

- *Up to \$400 for youth; \$2,000 for youth educator*
- *Encourage on-farm research, demonstration, or education by youth ages 8-18 OR sustainable ag programming for youth*



# Graduate Student Grants

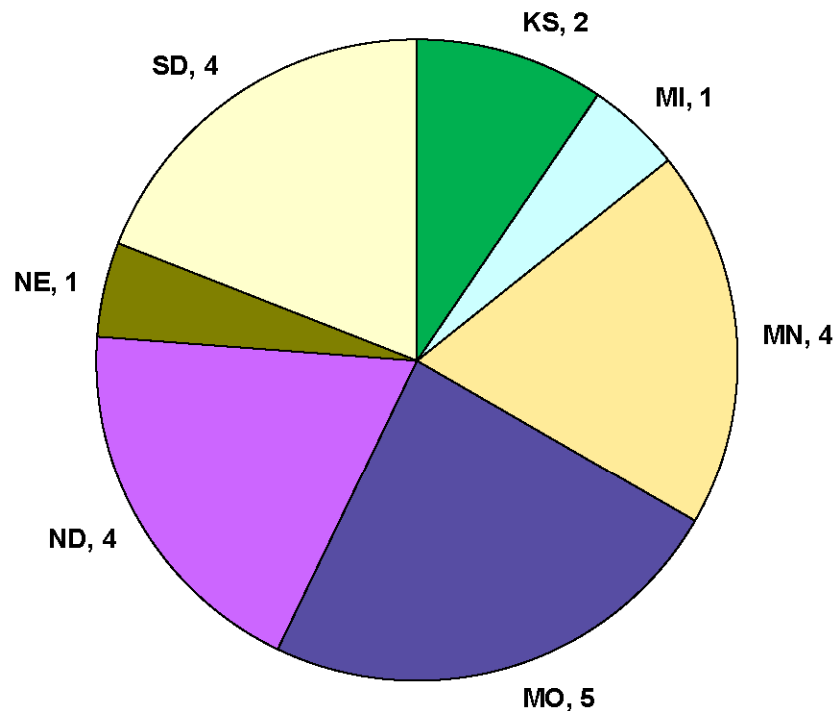
- *Up to \$10,000 for 1-3 year projects*
- *For students to research key topics in sustainable agriculture*
- *Topics to benefit farmers and improve understanding of sustainable farm systems*



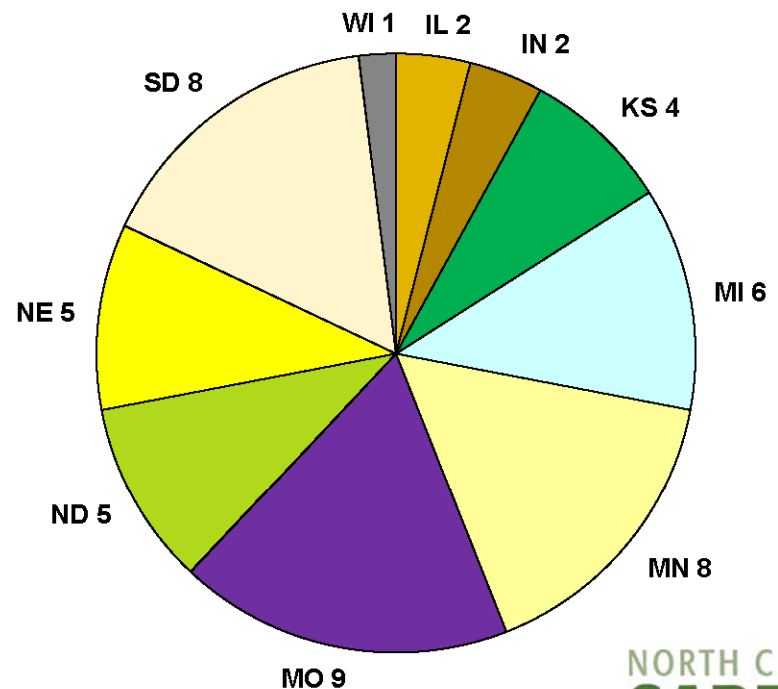


# FRG - Youth Grants Funded Per State

● Total 09 ~ 21

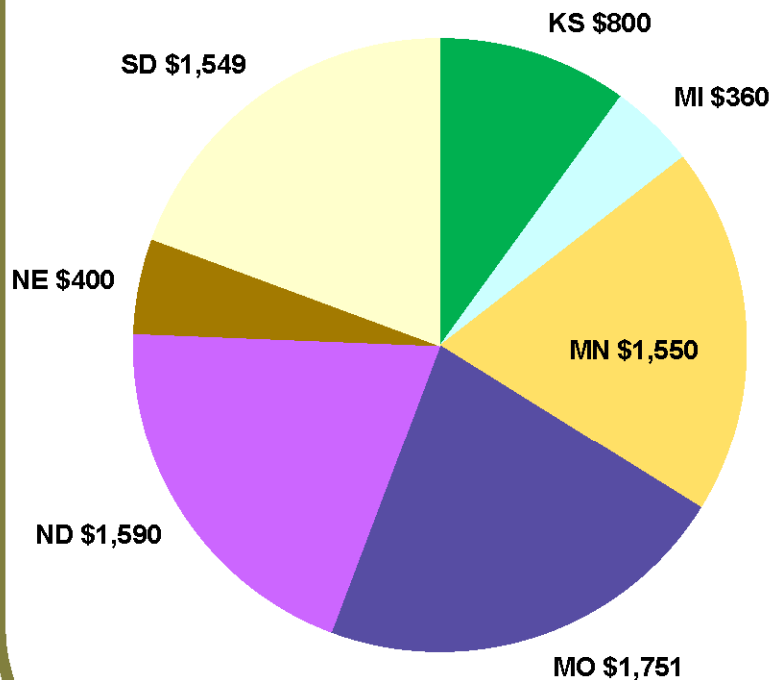


● Total 08-09 ~ 50

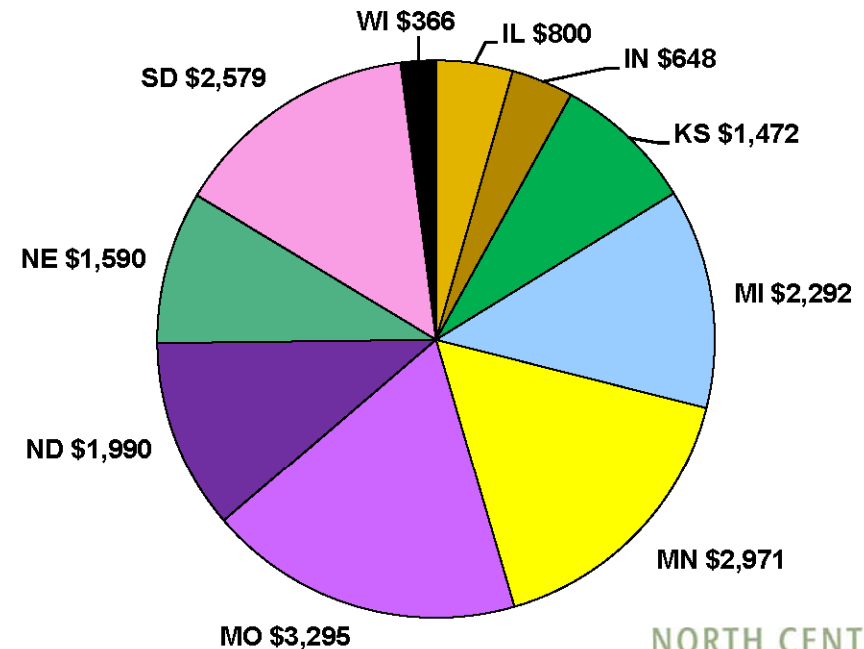


# FRG - Youth Grant Dollars Funded Per State

● Total 09 ~ \$7,999

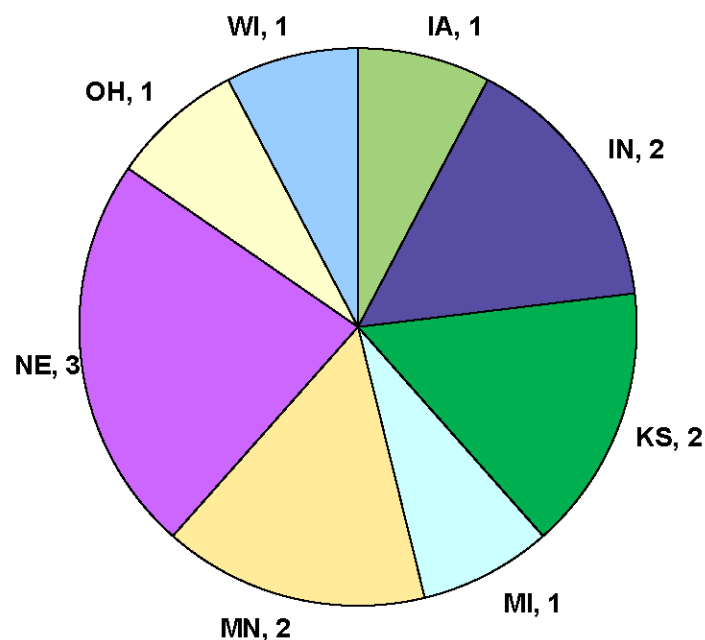


● Total 08-09 ~ \$18,803

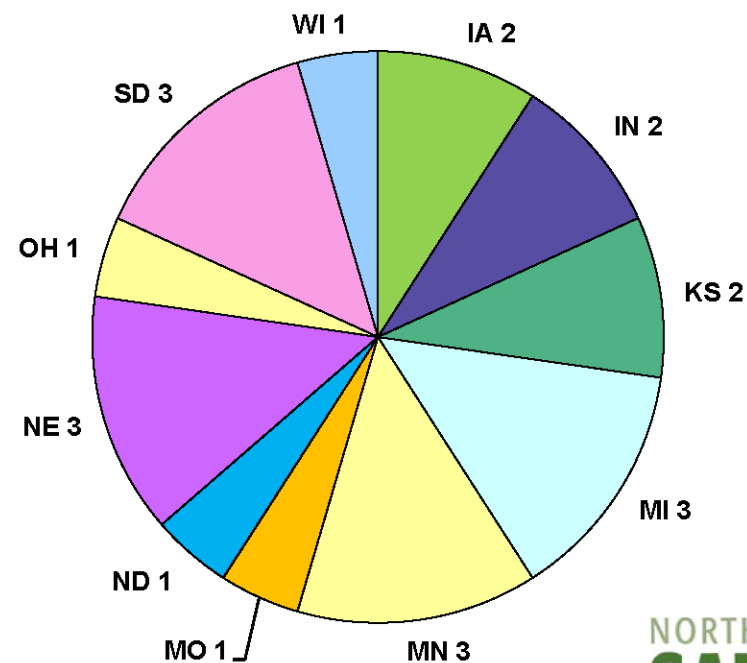


# FRG - Youth Educator Grants Funded Per State

● Total 09 ~ 13



● Total 08-09 ~ 22

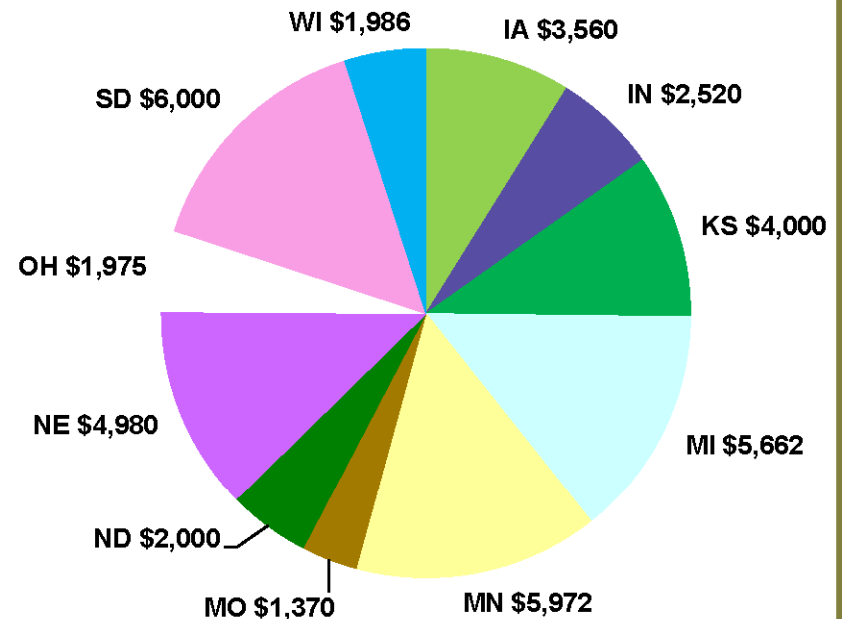
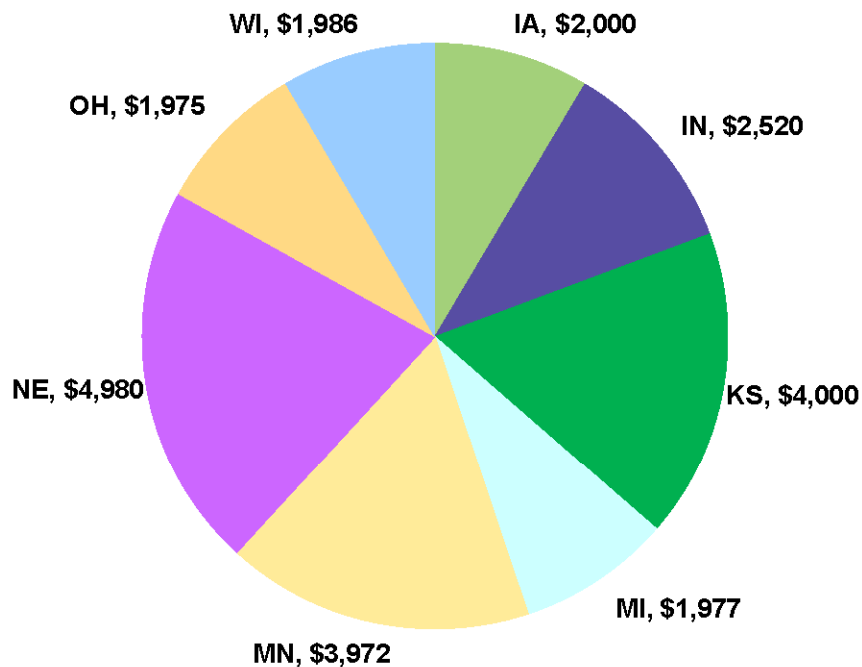




# FRG - Youth Educator Dollars Funded Per State

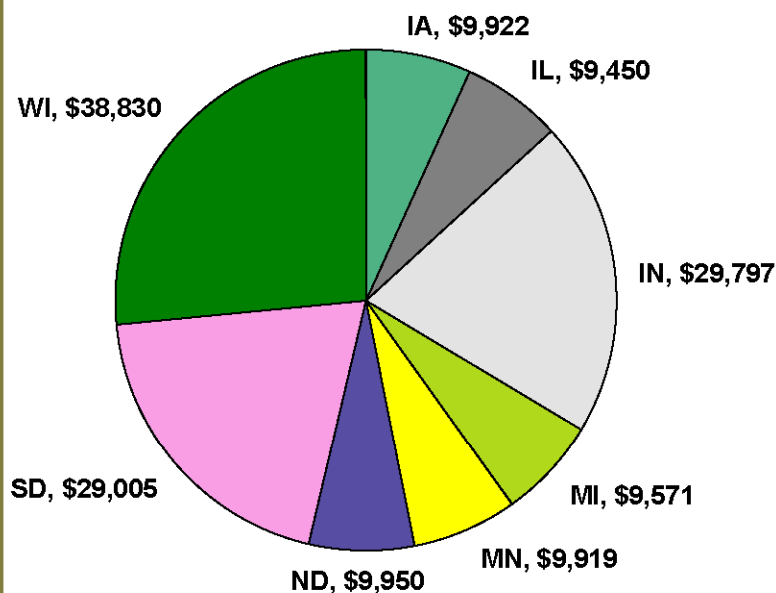
● Total 09 ~ \$23,411

● Total 08-09 ~ \$40,026

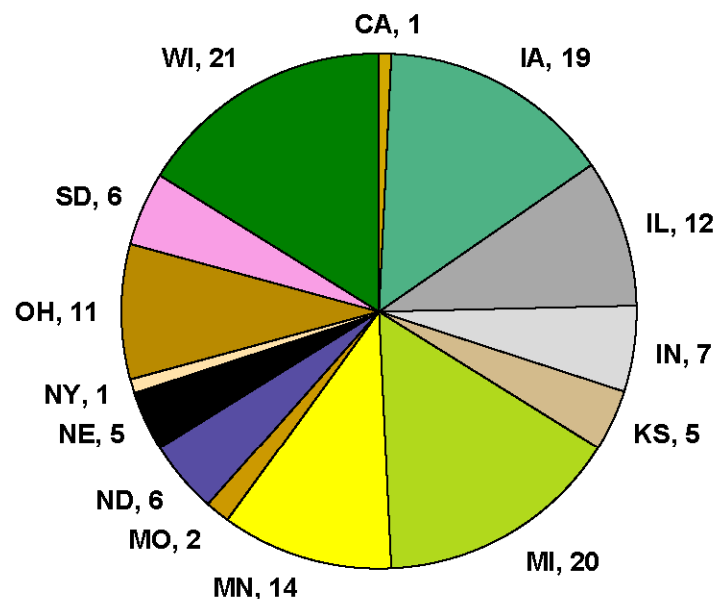


# GSP Grants Funded Per State

● 2010 ~ 15

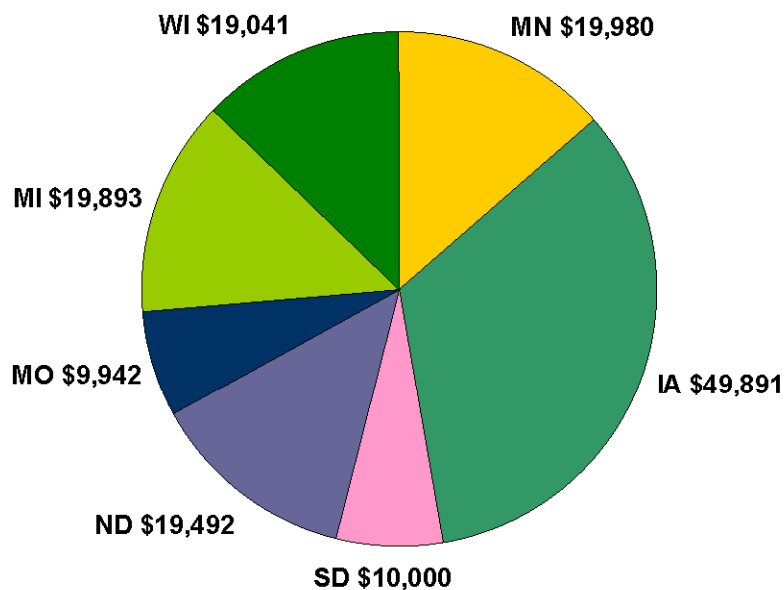


● 2002-2010 ~ 130

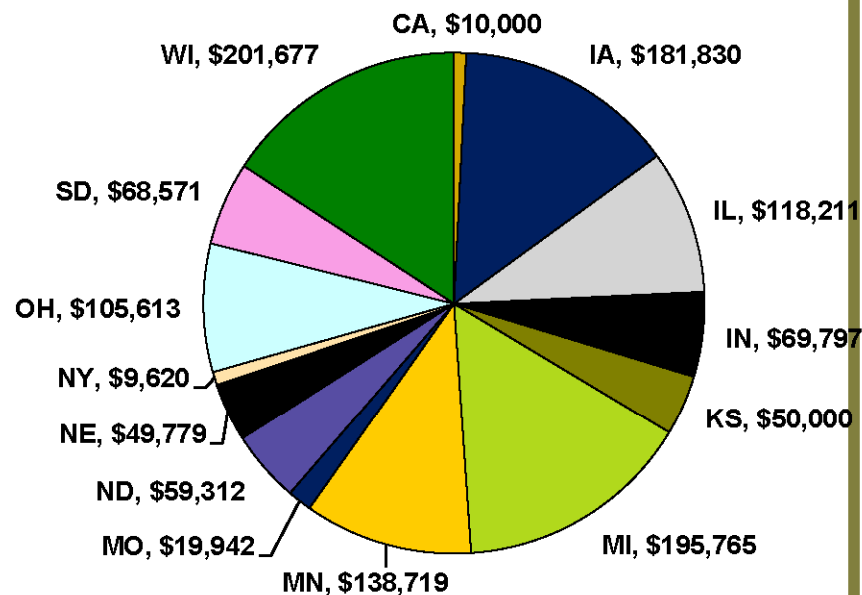


# GSP Dollars Funded Per State

● 2010 ~ \$146,444



● 2002-2010 ~ \$1,278,834

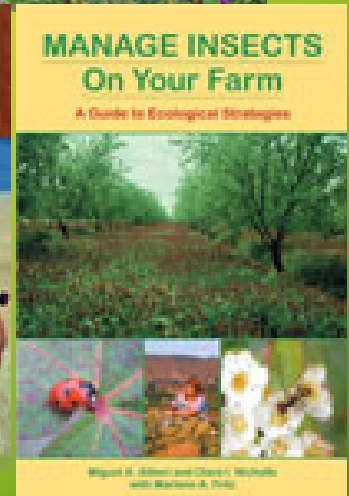
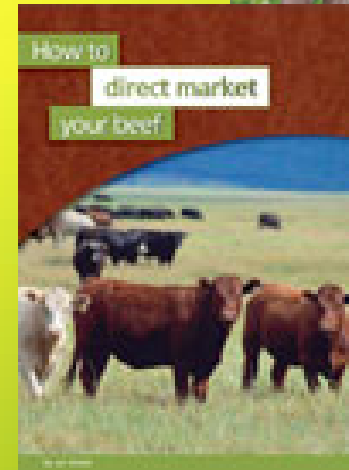
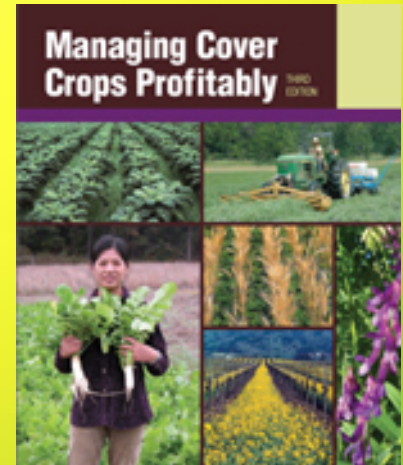




# Other SARE Programs

- ***Publications available through SARE Outreach***
  - ***Bulletins***
  - ***Books***
  - ***Innovations newsletter***
- ***State Programs***

*In Kansas, SARE works closely with the Kansas Center for Sustainable Agriculture and Alternative Crops to promote opportunities for all farmers.*



# Accessible Information

- *Regional Coordinator and staff or State Coordinator and staff* [www.sare.org/ncrsare](http://www.sare.org/ncrsare)  
[www.kansassare.org](http://www.kansassare.org)
- *National website at* [www.sare.org](http://www.sare.org)
- *SARE Outreach (publications):*  
[www.sare.org/WebStore](http://www.sare.org/WebStore)
- *SARE project reports:*  
[www.sare.org/MySare/ProjectReport.aspx](http://www.sare.org/MySare/ProjectReport.aspx)



## Sustainable Agriculture Research and Education

Grants and outreach to advance sustainable innovations to the whole of American agriculture.

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### Search Projects

Search projects using either a full-text search or an [advanced keyword search](#). For a full-text search, enter keywords in the search string box. See the [FAQ](#) for more information on the search coordinator's name.

Choose additional criteria in the drop down boxes to narrow your search, then click "Search." You can enter one or more search terms, or enter a single term and use the "AND" operator to match your additional criteria.

#### Full Text Search [-]

Search Type:

- ☒ AND SEARCH – for reports that contain all of the words in the search string
- ☐ OR SEARCH – for reports that contain one or more of the words in the search string
- ☐ PHRASE SEARCH – for reports that contain the exact wording or phrase in the search string

Search string:

Project Type:

Region:

State:

Sort Order:

#### Advanced Keyword Search

## ***Network of Resources:***

- ***ATTRA – National Center for Appropriate Technology - [www.attra.org](http://www.attra.org)***
  - *In-depth publications on production practices, alternative crop and livestock enterprises, innovative marketing, organic certification*
- ***Alternative Farming Systems Information Center – <http://afsic.nal.usda.gov>***





# CLIMATE SUMMIT

WHAT IF IT'S  
A BIG HOAX AND  
WE CREATE A BETTER  
WORLD FOR NOTHING?

- ENERGY INDEPENDENCE
- PRESERVE RAINFORESTS
- SUSTAINABILITY
- GREEN JOBS
- LIVABLE CITIES
- RENEWABLES
- CLEAN WATER, AIR
- HEALTHY CHILDREN
- ETC. ETC.

