SARE Logic Model – Research and Education (R&E) Programs

1. Inputs
   - What SARE provides:
     - Funds for Grants
     - Administration
     - Applicant Guidance
     - Proposal Review
   - To support competitive grants for:
     - Integrated research and education projects
     - Extension education about R&E project findings
     - Extension education about other research-based sustainable agriculture practices, strategies, approaches
     - On-farm problem-solving, testing and demonstrations
     - Graduate Student research

2. Participants
   - Who's involved as target audience and partners:
     - Target audience: Farmers & Ranchers
     - Partners: Scientists, University faculty
     - Extension educators
     - NGOs
     - Technical service providers, NRCS, ARS, EPA and others involved in sustainable agriculture.
     - Grad students
     - Other stakeholders in the food system, including consumers
     - Policy and decision makers, advocates

3. Outputs
   - What's produced:
     - Research activities
     - Information from research about:
       - Sustainable ag systems, practices, and principles
       - 3.3 New, innovative practices, methods and technology
     - Educational activities including:
       - Farm tours, field days, workshops, webinars
     - Information products including:
       - Extension curricula, decision-making tools
       - Extension publications, web media
       - Scientific journal articles
       - Dissertations, theses, presentations
       - Reports, bulletins, white papers

4. Learning
   - What's learned:
     - Farmers and other stakeholders gain or increase:
       - Knowledge of sustainable ag systems, practices, technologies and approaches
       - Skills in applying new sustainable ag knowledge
       - Understanding of health, safety, economic and environmental impacts of production, management, food choices
       - Knowledge of barriers to, and opportunities for sustainable ag improvements
       - Knowledge and skills for leadership capacity among farmers and ag professionals

5. Actions
   - What's done:
     - Farmers and Ranchers begin or increase adoption of:
       - Principles, practices, systems, technologies and approaches suited to long term sustainability
       - Ag professionals or others begin or increase:
         - Incorporation of principles and practices from projects into their work
         - New research that builds on SARE-funded R&E projects
         - Incorporation of project findings and related sustainability principles into courses, extension publications, NRCS guides, etc.
         - Support for sustainable ag through purchases, policy change and/or food chain improvements.
         - Collaborations and partnerships for sustainable ag research and education

6. Conditions
   - What's improved:
     - Market and employment opportunities in agriculture
     - Economic well-being for producers
     - Quality of life for producers and communities
     - Environmental quality and stewardship
     - Efficiency of nonrenewable and on-farm resources use
     - Access to healthy, affordable food
     - Institutional support, policy and professional inquiry into issues of long term agricultural sustainability