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