The sustainability of a dairy farm relates to many factors revolving around farm management, use of resources, and quality of life. NCR-SARE has supported research and education opportunities in a wide variety of dairy topics including organic dairying, value-added dairy options, pasture productivity, animal management, milk marketing, small ruminant dairies, and farm energy.

**NCR-SARE Project Sampler**

To view SARE’s entire dairy management portfolio, or just the North Central region’s, visit https://projects.sare.org. For selected North Central region dairy management grants, see the reverse side.

A University of Minnesota graduate student studied the effect of growth, meat quality, consumer acceptability, and profitability of organically-fed dairy steers compared to conventionally-fed dairy steers. See https://projects.sare.org and search for project number GNC12-150.

A program at The Ohio State University provided a framework to develop applied skills in dairy reproduction and nutrition. Educational materials were delivered through in-class lectures followed by case-based learning and group discussions. See https://projects.sare.org and search for project number ENC10-120.

Optimizing utilization of pasture growth in dairy grazing systems is critical for cash flow and profit. This project provided information for producers to develop a pasture system that enhances their lifestyle while securing long-term sustainability. See https://projects.sare.org and search for project number ONC16-014.

Marcoot Jersey Creamery is a value-added, farmstead artisan creamery. They initiated a viable food safety program based on guidelines and standards of practice from regulatory agencies and industry associations. See https://projects.sare.org and search for project number FNC13-918.
**Farmer and Rancher Grants**

**Comparison of Seasonal (High Peak/Summer) Markets for Dairy Farm Product Sales**  
Janet Smith, Borgman’s Dairy Farm, Michigan, FNC16-1058, $7,397

**Evaluating the Environmental Benefits and Economic Opportunities of In-Vessel Composting Solid Dairy Manure**  
Andrew R. Skwor, MSA Professional Services, Inc., Wisconsin, FNC15-991, $22,500

**Marcoot Jersey Creamery Comprehensive Food Safety Program**  
Beth Marcoot, Marcoot Jersey Creamery, Illinois, FNC13-918, $7,495

**Comparative Analysis of Unpasteurized Organic Milk vs. Organic Fish Emulsion and Kelp as an Organic Fertilizer for Livestock Forages**  
Tom Colonna, Organian Farms, Missouri, FNC12-852, $14,980

**Cow Taxi Project**  
Jeff Lubbers, Lubbers Family Farm, Michigan, FNC09-778, $5,815

**Ohio Sheep Milk and Cheese Initiative**  
Abbe Turner, Lucky Penny Farm, Ohio, FNC09-780, $16,885

**Professional Development Grants**

**Promoting Grazing as a Sustainable Farming Method to Agency Staff in Wisconsin**  
Jill Hapner, GrassWorks, Inc., Wisconsin, ENC17-157, $74,610

**Integrated Sustainable Dairy Program**  
Gustavo Shuenemann, The Ohio State University, Ohio, ENC10-120, $59,266

**Graduate Student Grant**

**Facilitating Grazing Partnerships on Wisconsin’s Public Grasslands: Assessing Plant Communities and Developing Best Practices**  
Greta Landis, University of Wisconsin-Madison, Wisconsin, GNC16-228, $9,607

**Effect of Growth Meat Quality, and Profitability of Organically Raised Dairy-Beef Steers**  
Elizabeth Bjorklund, University of Minnesota-Morris, Minnesota, GNC12-150, $9,445

**Research and Education Grants**

**Creating an Educational and Economic Value Chain for Specialty Dairy Products in Appalachian Ohio**  
Tom Redfern, Rural Action, Ohio, LNC16-384, $165,500

**Neonatal Calf Diarrhea: Reducing Impacts and Antibiotics Use with Natural Therapies**  
Greg Habing, The Ohio State University, Ohio, LNC13-351, $142,375

**Non-Antibiotic Alternatives for Bovine Mastitis Therapy**  
Bo Norby, Michigan State University, Michigan, LNC12-343, $199,912

**Partnership Grants**

**Use of Irrigation on Pasture-Based Dairies to Determine Forage and Irrigation Type Efficiencies**  
Stacey Hamilton, University of Missouri, Missouri, ONC16-014, $29,821

For information on many more SARE-funded dairy management projects, search the SARE project database: https://projects.sare.org.

This product was developed with support from the Sustainable Agriculture Research and Education (SARE) program, which is funded by the U.S. Department of Agriculture — National Institute of Food and Agriculture (USDA-NIFA). Any opinions, findings, conclusions or recommendations expressed within do not necessarily reflect the view of the SARE program or the U.S. Department of Agriculture. USDA is an equal opportunity provider and employer.