

# Agroforestry

Agroforestry practices can help landowners diversify products and markets, boost farm income, improve soil and water quality, and reduce erosion, non-point source pollution, and flood damage. NCR-SARE values the integrated practices of agroforestry and has funded grants that have enhanced wildlife habitat and improved biodiversity while sustaining land resources for generations to come.

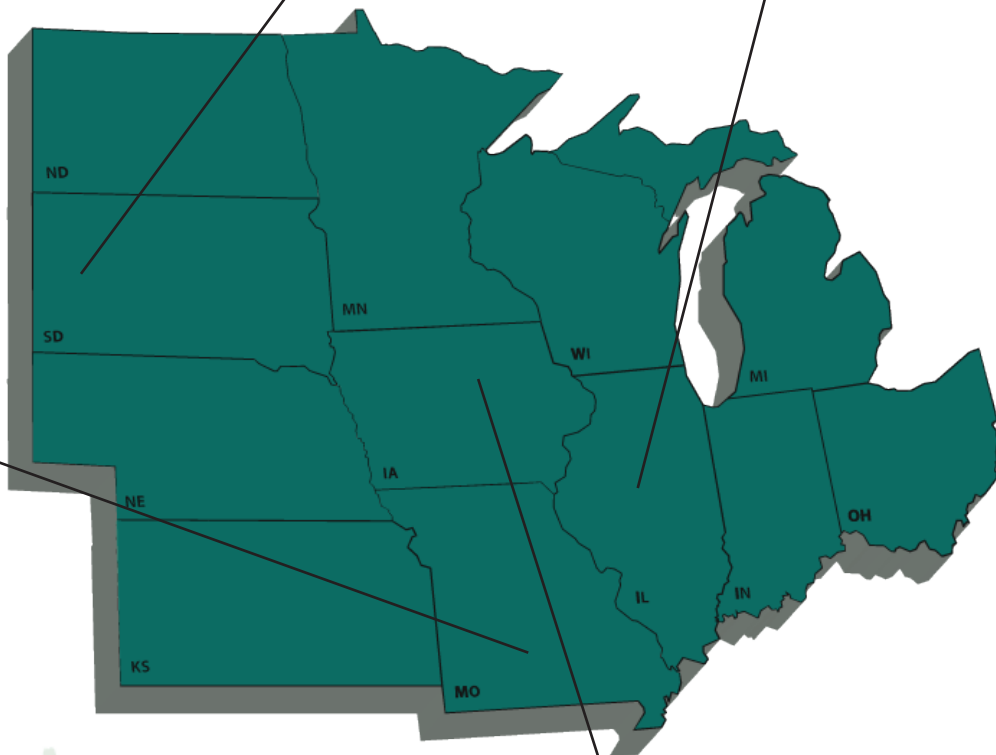
## NCR-SARE Project Sampler

To view SARE's entire agroforestry portfolio, or just the North Central region's, visit <https://projects.sare.org>. For selected NCR agroforestry grants, see the reverse side.

A graduate student developed management guidelines which help explain how livestock grazing practices in forested landscapes influence natural resources. See <https://projects.sare.org> and search for project number GNC14-185.

Researchers and producers replicated trials of fencing and tree protection strategies in seedling-stage silvopastures on four farms. Producers learned more about establishing seedling-stage silvopasture. See <https://projects.sare.org> and search for project number ONC16-017.

Five Midwestern states created an Agroforestry Academy for professional development. The project participants produced an updated *Agroforestry Training Manual*. See <https://projects.sare.org> and search for project number ENC12-129.



In Iowa, researchers looked at the potential of agroforestry plantings to contribute to bio-based feedstock, income, investment, and carbon sequestration. Researchers also examined farm operator and land management professional perceptions of agroforestry plantings on marginal lands. See <https://projects.sare.org> and search for project number LNC12-346.

# NCR-SARE's Agroforestry Portfolio

## Selected Grants

### RESEARCH AND EDUCATION GRANTS

#### Commercialization of Hazelnuts for Growers in the Upper Midwest

Jason Fischbach, University of Wisconsin, Wisconsin, LNC15-367, \$198,569

#### Great Plains Agroforestry: Evaluation of Bioenergy Feedstock and Carbon Sequestration as Potential Long-Term Revenue Streams to Diversify Landowner Income

Thomas Sauer, USDA-ARS, Iowa, LNC12-346, \$191,212

### FARMER AND RANCHER GRANTS

#### Cultivating the Wine Cap Mushroom While Building Soil Health and Suppressing Plant Disease - an Innovative and Economic Approach to Two Common Agriculture Problems

Lindsey Bender, Field and Forest Products, Wisconsin, FNC17-1070, \$7,500

#### Field Testing the Mulberry for Commercial in the Midwest

Weston Lombard, Solid Ground Farm, Ohio, FNC16-1044, \$7,481

#### Comparison of Shiitake Yield on Red Maple (*Acer Rubum*) on Timing of Cut and Rate of Wood Moisture Loss Prior to Inoculation

Ingrid West, Misty Dawn Farm, Wisconsin, FNC15-1021, \$14,791

#### Renovation and Ecological Management of Neglected Apple Orchards in Southeast Michigan

Trevor Newman, Roots to Fruits, Clarkston, Michigan, FNC13-923, \$7,466

#### Direct Marketing Non-Traditional Perennial Berry Varieties: Expanding Eater Preferences and Grower Connections

Claire Hintz, Elsewhere Farm, Wisconsin, FNC12-864, \$17,530

#### Alley Cropping in a Hillside Terrace System

Weston Lombard, Solid Ground Farm, Ohio, FNC13-916, \$2,834

#### Phase 2: Burgundy Truffle Orchard Establishment- The Burgundy Truffle as a New Sustainable Agroforestry Crop for Missouri

Nicola Hellmuth, Ozark Forest Mushrooms, Missouri, FNC12-878, \$7,500

### PROFESSIONAL DEVELOPMENT GRANTS

#### Missouri Agroforestry Summer Institute: High School Educator Training for Curriculum Delivery

Michael Gold, MU Center for Agroforestry, Missouri, ENC16-154, \$70,334

### PARTNERSHIP GRANTS

#### Crop Performance, Pests, and Pollinators in Diverse Agroforestry Systems

Keefe Keeley, Savanna Institute, Illinois, ONC15-005, \$29,957

#### Evaluating and Sharing Techniques in Silvopasture Establishment

Keefe Keeley, Savanna Institute, Illinois, ONC16-017, \$29,951

### GRADUATE STUDENT GRANTS

#### Developing Guidelines for Sustainable Livestock Grazing in South Dakota Ponderosa Pine Forests: Balancing Economically Important Ecosystem Goods with Ecological Integrity

Kurt Chowanski, South Dakota State University, South Dakota, GNC14-185, \$9,978

#### Assessing Nitrogen and Carbon Pools in a Perennial Biomass Alley Cropping System in Minnesota USA

Joshua Gamble, University of Minnesota, Minnesota, GNC13-169, \$9,719

### YOUTH EDUCATOR GRANTS

#### Youth Service Corps Fruit Tree Project: Sustainable Approach to Neighborhood Fruit Access

Rita O'Brien, Allen Neighborhood Center, Michigan, YENC14-074, \$2,000

Updated 2019

For information on more SARE-funded agroforestry projects search the SARE project database: <https://projects.sare.org>.



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