

Urban Agriculture

The integration of agriculture into urban settings is not a new concept, but it is gaining support among all over the country. Throughout the North Central region, residents and organizations in urban settings are stepping up to integrate sustainable food systems into their immediate environment while teaching youth and communities the value of sustainable growing methods. NCR-SARE has shown support for innovative projects that work to combine the benefits of urban living with the concepts of sustainable agriculture.

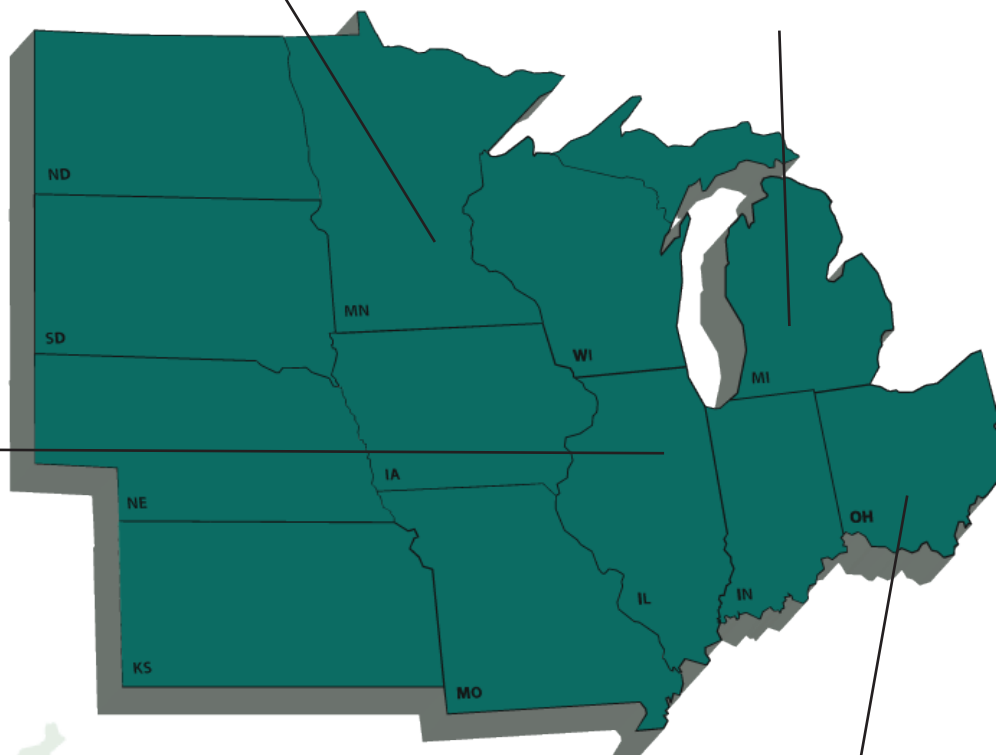
NCR-SARE Project Sampler

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

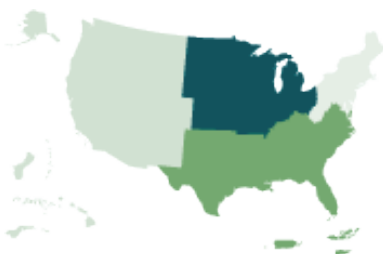
A participatory research project allowed University of Minnesota researchers to evaluate the ecosystem services provided by urban agriculture in the Twin Cities Metropolitan Area. This on-farm approach involved the evaluation of soil quality, water quality and quantity, biological diversity, and crop yields at multiple scales for urban agricultural best management practices. See <https://projects.sare.org> and search for project number LNC17-392.

Staff at New City Farm are sharing their knowledge of farming and farm-to-table cooking with middle and elementary school students through a gardening and cooking club. New City Farm is a social enterprise that is a part of New City Neighbors, a non-profit dedicated to empowering neighborhood youth. See <https://projects.sare.org> and search for project number YENC17-111.

Through various methods of soil remediation and amendment, a producer experimented with cleaning and binding the hazardous toxins found in her contaminated urban soils in Chicago. See <https://projects.sare.org> and search for project number FNC18-1141.



Graduate students at The Ohio State University explored the value of cavity-nesting bees for urban crop pollination, and examined how to manage urban habitats to support productive bee communities. See <https://projects.sare.org> and search for project number GNC16-233.



SARE's four regional programs and outreach office work to advance – to the whole of American agriculture – innovations that improve profitability, stewardship and quality of life by investing in ground-breaking research and education.

NCR-SARE's Urban Agriculture Portfolio

Selected Grants

FARMER RANCHER GRANTS

Investigating the Economic Sustainability of Distribution Channels for the Urban Farmers and Consumer in Food Insecure Neighborhoods

Jameson Hubbard, Dirt Beast Farm, Michigan, FNC18-1127, \$7,498

Soil Remediation Techniques in Urban Agriculture

Case Sabatka, Dirty Boots Flowers, Illinois, FNC18-1141 \$14,975

Creating a Resource on How to Build an Urban Farm in Chicago with a Modest Budget

Catherine Williams, Chicago Patchwork Farms, Illinois, FNC17-1106, \$7,500

Growing Produce Vertically Instead of Horizontally to get a High Production on a Small Urban Farm

Christine Williams, Pepper Berries Urban Farm, Missouri, FNC16-1065, \$6,577

Water Capture from High Tunnel Diversion into Irrigation System Using Renewable Energy

Cherry Flowers, Page & Flowers, Minnesota, FNC13-909, \$7,499

RESEARCH AND EDUCATION GRANTS

Collaborative Evaluation of Ecosystem Services Provided by Urban Agricultural Best Management Practices in the Twin Cities Metropolitan Area

Nicolas Jelinski, University of Minnesota, Minnesota, LNC17-392, \$198,529

System Approach to Food Waste Composting for Urban Agriculture

Greg Lawless, University of Wisconsin, Wisconsin, LNC16-382, \$199,943

PROFESSIONAL DEVELOPMENT GRANTS

Building Capacity of Agricultural Educators to Grow Sustainable Food Systems in Iowa

Craig Chase, Iowa State University, Iowa, ENC16-153, \$74,742

Soil Health and Nutrient Management Training for Immigrant and Minority Farming Communities

Julie Grossman, University of Minnesota, Minnesota, ENC15-145, \$74,760

GRADUATE STUDENT GRANTS

Next Generation Bees: Determining the Floral Resources that Support Wild Bee Reproduction and Pollination Services in Urban Agriculture

Katherine Todd and Rodney Richardson, The Ohio State University, Ohio, GNC16-233, \$11,930

Farming in the City: How Does the Altered Urban Environment Influence Cropping System Productivity, Ecology, and Profitability?

Ross Wagstaff, University of Illinois, Illinois, GNC14-198, \$9,994

Evaluating Interaction of Urban Farmers and Extension Educators in Metropolitan Kansas City

Caroline Tanner, Kansas State University, Kansas, GNC12-163, \$10,000

YOUTH EDUCATOR GRANTS

Urban Farming as a Sustainable Business

Tommy McDoniel, Asbury Community Development Corporation, Michigan, YENC18-127, \$2,000

New City Farm Youth Gardening & Cooking Club Education Project

Alaina Dobkowski, New City Neighbors, Michigan, YENC17-111, \$2,000

Big Muddy Urban Farm and Gifford Park Youth Garden Program

Brent Lubbert, Big Muddy Urban Farm, Nebraska, YENC16-101, \$2,000

Updated 2019

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



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