

# Alternative Pollinators

Honey bee losses compounded with rising rental rates for pollination are a concern for many producers. Not only are growers looking for alternative pollinators to improve crop security, but they also want to learn how to manage on-farm habitats for native bees and other pollinators. NCR-SARE has supported researchers, educators, and producers who are researching, rearing, and managing species that provide pollination alternatives to the declining honey bee.

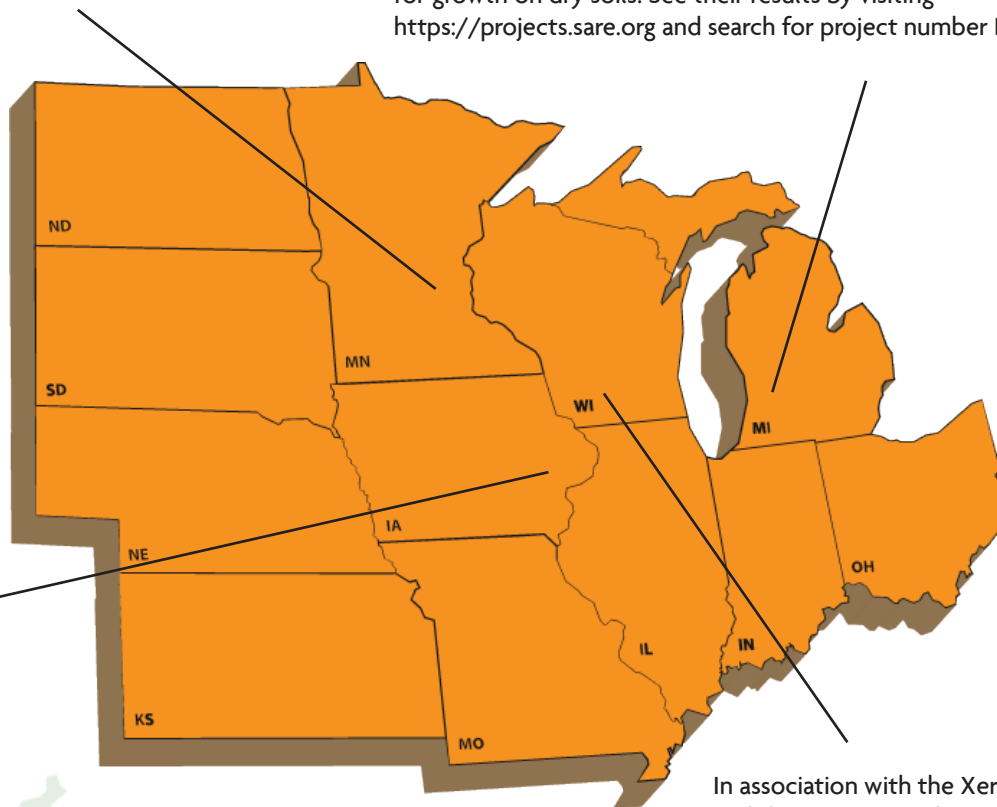
## NCR-SARE Project

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

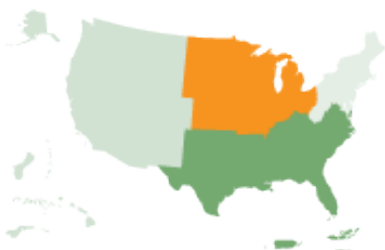
A graduate student demonstrated the value of cavity-nesting bees for urban crop pollination, and examined how to manage urban habitats to support productive bee communities. See <https://projects.sare.org> and search for project number GNC16-233.

Most beneficial insects (predators, parasitoids, and pollinators) require regular access to pollen and nectar to enhance longevity, reproduction, and fuel their pest control and pollination activities. Researchers at Michigan State University worked with native plant producers to select and screen 60 species of flowering plants adapted for growth on dry soils. See their results by visiting <https://projects.sare.org> and search for project number LNC14-361.

At Scattergood Friends School, an acre of land was converted to perennial prairie with the goal of supporting pollinators and butterflies. Students helped identify the appropriate native seed mix and planted seeds. See <https://projects.sare.org> and search for project number YENC15-092.



In association with the Xerces Society and the University of Minnesota, Eric Mader hosted "Pollinator Conservation Planning" courses. The short courses educated agricultural professionals all over the Midwest on pollinator biology, conservation practices, and more. See <https://projects.sare.org> and search for project number ENC09-III.



*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 Alternative Pollinator Portfolio

Selected Grants

## FARMER AND RANCHER GRANTS

**Bees, Pleez! Adding an Educational Component to a Wildflower Field at a Midwest Blueberry Farm**  
Frank Corrado, Moss Funnel Farms, Michigan, FNC18-1118, \$7,500

**Benefitting the Symbiotic Relationship Between Farmers, Ranchers, and Honey Bees through Consumer Education with an Emphasis on Beekeeping and Pollinators**  
Megan Ryan, Southwest Honey Co., Indiana, FNC16-1054, \$7,500

**Creating a Depository of Local Honey Bee Strains From Feral Swarms and Demonstrating a Sustainable Beekeeping Model using Horizontal Hives and Bee Friendly Management**  
Leo Sharashkin, Goods From the Woods, Missouri, FNC15-1013, \$7,469

**Native Youth Plant a Bee Meadow**  
Joy Persali, Peta Wakan Tipi/Dream of Wild Health, Minnesota, FNC15-1022, \$7,500

**Using Wildflower Strips to Enhance Native Pollinators and Other Beneficial Insects that are at Risk Due to Increased Chemical Interventions Designed to Control Spotted Wing Drosophila**  
Judy Rant, Double R Blueberry Farm, Michigan, FNC14-969, \$7,460

## RESEARCH AND EDUCATION GRANTS

**Native Plant Conservation Strips for Sustainable Pollination and Pest Control in Fruit Crops**  
Rufas Isaacs, Michigan State University, Michigan, LNC08-297, \$148,837

**Insectary Plants to Enhance Beneficial Insects: Expanding the Palette to Increase Options for Sustainable Crop Production in the NC Region**  
Douglas Landis, Michigan State University, Michigan, LNC14-361, \$199,887

## PROFESSIONAL DEVELOPMENT GRANTS

**The Conservation Biological Control Short Course**  
Eric Mader, The Xerces Society, Minnesota, ENC13-140, \$71,710

## GRADUATE STUDENT GRANTS

**Next Generation Bees: Determining the Floral Resources that Support Wild Bee Reproduction and Pollination Services in Urban Agriculture**  
Mary Gardiner, The Ohio State University, Ohio, GNC16-233, \$11,930

**Sustainable Pest Management Approaches for Raspberry Growers**  
Heather Leach, Michigan State University, Michigan, GNC16-229, \$12,000

**Integrating Flowering Windbreaks for Insect Management in Cucumbers**  
Nicole Quinn, Michigan State University, Michigan, GNC14-194, \$9,989

**Effects of Pest Management and Conservation Plantings of Bee Communities in Highbush Blueberry**  
Emily May, Michigan State University, Michigan, GNC13-177, \$9,962

## YOUTH EDUCATOR GRANTS

**Pondering Pollinators**  
Michael Tosto, Allen Neighborhood Center, Michigan, YENC17-118, \$2,000

**Pioneer Pollinators**  
Jennifer Johnson, Zane Trace HS, Ohio, YENC17-115, \$969

**Erosions Control and Pollinator Habitat Through Perennial Plantings on Scattergood Friends Farm School**  
Mike Severing, Scattergood Friends School, Iowa, YENC15-092, \$1,991

**Youth Beekeeping & Entrepreneurship Building a National Model**  
Jennica Skoug, Wisconsin, YENC14-079, \$2,000

Updated 2019

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



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