Sustainable Agriculture Research & Education

www.sare.org

What is SARE?

Since 1988, the Sustainable Agriculture Research & Education (SARE) program has been the go-to USDA grants and outreach program for farmers, ranchers, researchers and educators who want to develop innovations that improve farm profitability, protect water and land, and revitalize communities. To date, SARE has awarded over $17.1 million to more than 436 initiatives [1].

SARE is grassroots with far-reaching impact

Four regional councils of expert practitioners set priorities and make grants in every state and island protectorate.

SARE communicates results

SARE shares project results by requiring grantees to conduct outreach and grower engagement; and by maintaining an online library of practical publications, grantee-produced information products and other educational materials.

SARE: Advancing the Frontier of Sustainable Agriculture in...

Wisconsin

Project Highlight: *Hybrid Tractor Combines Efficiency and Reliability*

Robert Braun of Pigeon River Farm in Clintonville, Wisconsin, is putting a modern twist on classic farm equipment. With a $14,957 NCR-SARE Farmer Rancher grant, Braun and collaborator Brian Buckta developed a hybrid dual-fuel Farmall M tractor that combines the fuel savings of electric power with the reliability of gasoline. They outfitted it with a Warp 9 electric motor, 144-volt industrial batteries, a custom speed governor, dual-belt pulley system, and real-time performance sensors.

Early tests have shown promising results. For example, in 2022, fence trimming cost $0.90 per session with grid power, compared to $9.00 per session with gasoline, with even greater savings when using solar power. The hybrid system also handles heavier tasks, such as raking hay, with reduced operational costs and increased efficiency. Additionally, the electric-powered tractor operates more quietly than a standard Farmall M.

“The journey through this SARE grant project has been enlightening and transformative for our farm operation,” said Braun. “These learnings are not just pivotal for our operation but also hold valuable insight for the broader farming community, emphasizing the role of grants like SARE in fostering innovation and collective growth in sustainable agriculture.”

For more information on this project, see sare.org/projects and search for project number FNC23-1363.

SARE in Wisconsin

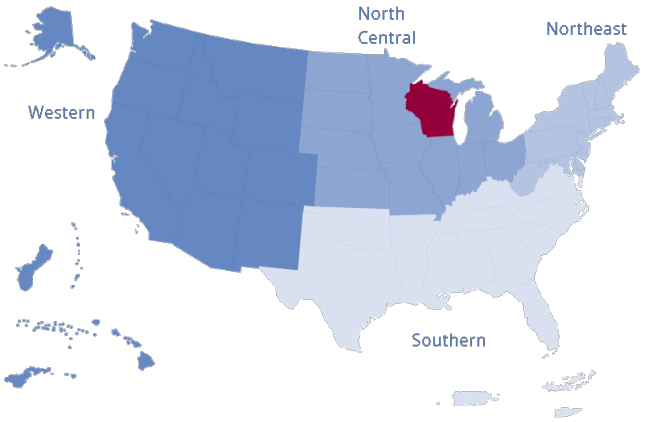
northcentral.sare.org/state-profiles/wisconsin/

$17,132,025 in total funding

436 grant projects

(since 1988 [1])

For a complete list of Wisconsin grant projects, go to projects.sare.org/state-fact-sheets/



[1] These totals reflect available data; complete information may not be available for all grant programs prior to 2016.

SARE in Wisconsin, 2021–2026

This is a summary of recent SARE-funded activities and impacts in the state. To search all SARE projects visit projects.sare.org. For a list of all projects in Wisconsin visit projects.sare.org/state-fact-sheets/.

Grants awarded

Total awards: **112 grants**

44	Farmer/Rancher
10	Research and Education
9	Professional Development Program
22	On Farm Research/Partnership
17	Graduate Student
7	Youth Educator
3	PDP State Program [2]

Total funding: **$5,774,073**

$706,524	Farmer/Rancher
$2,385,370	Research and Education
$943,588	Professional Development Program
$1,010,250	On Farm Research/Partnership
$272,899	Graduate Student
$35,453	Youth Educator
$419,989	PDP State Program [2]

[2] The Professional Development Program (PDP) State Program is a non-competitive award that funds the activities of the state coordinator(s). See more below.

For a complete list of Wisconsin awards, visit: projects.sare.org/state-fact-sheets/

Farmer and rancher impacts

SARE grantees have reported the following impacts from their projects:

23,832 farmers participated in a SARE-funded project

1,885 farmers changed a practice



Learn about local impacts at: northcentral.sare.org/state-programs/wisconsin/

Contact Your SARE State Coordinator

SARE sustainable ag coordinators run state-level educational programs for Extension and other ag professionals, and many help grant applicants and recipients with planning and outreach. Visit northcentral.sare.org/state-profiles/wisconsin/ to learn more.

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SARE Sustainable Agriculture Research & Education

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