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 $16.2 million to more than 239 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...

Washington

Project Highlight: *Sustainable Crop-Livestock Integration for the System Health in the Dryland Inland Pacific Northwest*

In north-central Washington, along the Canadian border, dryland wheat production has been the dominate production system for a century using a wheat-fallow rotation. Some wheat producers use direct-seed tillage to improve soil health, but that can lead to increased pesticide and herbicide use. Producers are interested in economically sustainable strategies for reducing pesticide use and further improving soil health. Leslie Michel, Washington Department of Agriculture wanted to experiment with a more biologically intensive and sustainable management system, integrating cover crops, and livestock to improve soil health, suppress weeds and reduce pesticide use.

She worked with five producers to integrate cover crops and cattle onto their fields before their wheat or other grain cash crops were grown. The results were encouraging but mixed. Most soil health parameters didn't change significantly, and soil moisture was significantly lower in the grazed cover-cropped areas than the control plots. Despite that, plant-stand establishment and plant height in the following cash crop was the same and yields were similar. The cows and calves grazed on the cover-cropped plots did well. Since the trials, farmers continue to experiment with cover crops and grazing.

For more information on these projects, see sare.org/projects, and search for project number OW17-051.

SARE in Washington

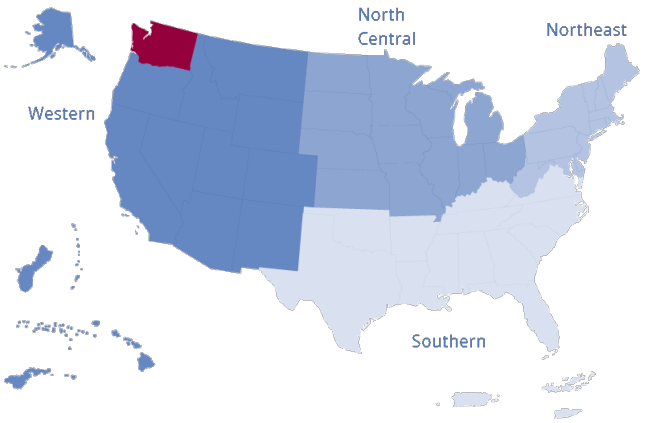
western.sare.org/state-profiles/washington/

$16,165,382 in total funding

239 grant projects

(since 1988 [1])

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

Grants awarded

Total awards: **55 grants**

8	Farmer/Rancher
11	Research and Education
8	Professional Development Program
7	On Farm Research/Partnership
10	Graduate Student
9	Local Ed & Demo (formerly RGR)
2	PDP State Program [2]

Total funding: **$6,292,443**

$218,787	Farmer/Rancher
$3,622,517	Research and Education
$767,563	Professional Development Program
$519,735	On Farm Research/Partnership
$289,803	Graduate Student
$664,038	Local Ed & Demo (formerly RGR)
$210,000	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 Washington awards, visit: projects.sare.org/state-fact-sheets/

Farmer and rancher impacts

SARE grantees have reported the following impacts from their projects:

10,641 farmers participated in a SARE-funded project

1,170 farmers changed a practice



Photo credit: Faith Van De Putte

Learn about local impacts at: western.sare.org/sare-in-your-state/washington/

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 western.sare.org/state-profiles/washington/ to learn more.

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SARE Sustainable Agriculture Research & Education

USDA National Institute of Food and Agriculture
U.S. DEPARTMENT OF AGRICULTURE

SARE is funded by the USDA's National Institute of Food and Agriculture (NIFA).