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 $5.9 million to more than 113 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...

New Hampshire

Project Highlight: Exploring the Feasibility of Growing Microgreens in a Modified Cold Storage Room

Jennifer Wilhelm led a team of researchers at Fat Peach Farm in New Hampshire to determine if growing microgreens in a modified cold storage room can increase farm revenue. In the Northeast, producers are challenged with bringing in sufficient crop yield while facing significantly shorter growing seasons. Most small-scale farms have cold storage rooms that are only in use during the summer months to keep products fresh for market, but they remain untouched during the colder months. This gives New Hampshire farmers the opportunity to extend their growing season and increase profits by modifying their cold storage rooms to grow microgreens.

To explore the viability of this venture, researchers at Fat Peach Farm obtained a SARE grant to determine the economic benefits and shortcomings of growing microgreens in modified storage rooms. With this grant, the recipients were able to fund a series of experiments aimed at evaluating different production methods for producing microgreens in a controlled indoor environment. The researchers tested four varieties of microgreens under two different methods of light treatment in order to determine the crop viability. To assess economic profitability, the researchers tracked start-up costs as well as all production costs including electricity for heat, fans and lighting. Ultimately, the research found that microgreens provide a simple and efficient way for producers to increase the sustainability and profitability of their farms.

For more information on this project, see sare.org/projects and search for project number FNE20-966.

SARE in New Hampshire

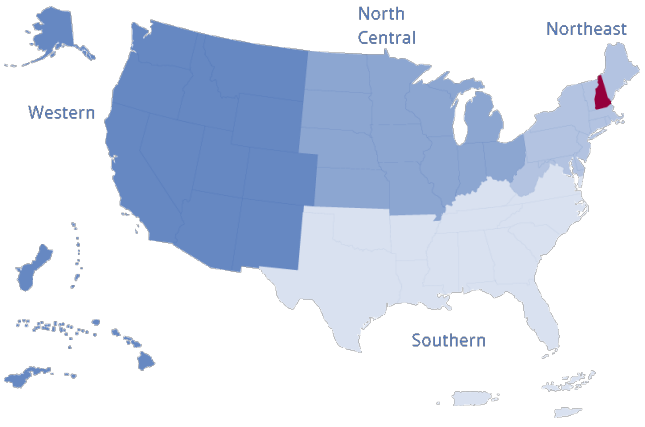
northeast.sare.org/state-profiles/new-hampshire/

$5,930,110 in total funding

113 grant projects

(since 1988 [1])

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

Grants awarded

Total awards: **16 grants**

4	Farmer/Rancher
4	Research and Education
1	Professional Development Program
2	On Farm Research/Partnership
2	Graduate Student
2	PDP State Program [2]
1	Research Only

Total funding: **$1,586,487**

$71,358	Farmer/Rancher
$800,239	Research and Education
$97,359	Professional Development Program
$41,339	On Farm Research/Partnership
$29,487	Graduate Student
$298,672	PDP State Program [2]
$248,033	Research Only

[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 New Hampshire awards, visit: projects.sare.org/state-fact-sheets/

Farmer and rancher impacts

SARE grantees have reported the following impacts from their projects:

2,394 farmers participated in a SARE-funded project

70 farmers changed a practice

Learn about local impacts at: northeast.sare.org/sare-in-your-state/new-hampshire/

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 northeast.sare.org/state-profiles/new-hampshire/ to learn more.

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SARE Sustainable Agriculture Research & Education

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