SARE
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 $15.6 million to more than 337 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...

# Vermont

Project Highlight: Establishing populations of ground-nesting native bees (Colletes) for orchard pollination services

In Jeffersonville, Vermont, John Hayden of The Farm Between is leading a group of researchers to try and improve native bee pollination services in Northeastern orchards. Unfortunately, due to climate change and other environmental factors, pollinator populations are declining, leading many farmers to worry about the pollination and production of spring flowering crops. To address this, Hayden and his team attempted to create suitable habitats for native ground nesting bee species, such as the Colletes bee, in hopes of managing production and improving crop yield.

After obtaining a SARE grant, Hayden was able to fund the testing of three experimental methods to determine if they would be able to establish native bee populations. These methods included 1) attempting to naturally bring in bees by removing vegetation and creating sand patches, 2) bringing newly emerged and captured adult bees to the orchards and 3) digging up bee pupae from heavily populated areas and bringing them to the orchards. The researchers faced many challenges throughout the experiment; however, they were able to gain a new understanding of the intricacies behind bee habitats. This research provides a solid foundation for producers looking to enhance their awareness of management practices for maintaining local pollinators.

For more information on this project, see sare.org/projects and search for project number FNE17-871.

## SARE in Vermont

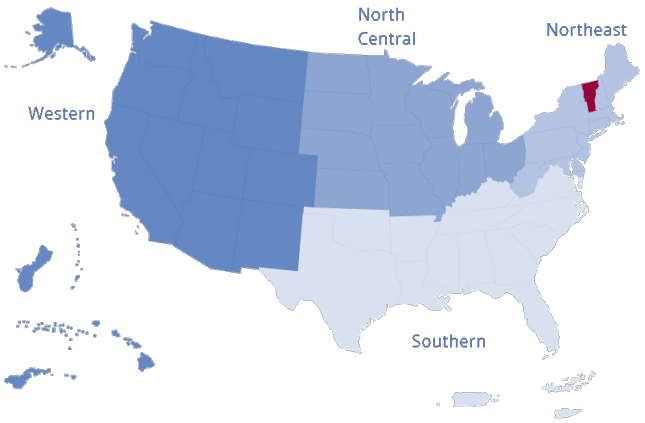
northeast.sare.org/state-profiles/vermont/

**$15,624,814 in total funding**

**337 grant projects**

(since 1988 [1])

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

## Grants awarded

### Total awards: **66 grants**

| | |
|---|---|
| 13 | Farmer/Rancher |
| 9 | Research and Education |
| 2 | Professional Development Program |
| 21 | On Farm Research/Partnership |
| 7 | Graduate Student |
| 9 | Research Only |
| 2 | PDP State Program [2] |
| 3 | Farming Community |

### Total funding: **$5,829,919**

| | |
|---|---|
| $265,306 | Farmer/Rancher |
| $1,731,363 | Research and Education |
| $354,634 | Professional Development Program |
| $601,714 | On Farm Research/Partnership |
| $102,004 | Graduate Student |
| $1,863,385 | Research Only |
| $314,981 | PDP State Program [2] |
| $596,532 | Farming Community |

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

## Farmer and rancher impacts

SARE grantees have reported the following impacts from their projects:

**18,268 farmers participated in a SARE-funded project**

**987 farmers changed a practice**



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

## 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/vermont/ to learn more.

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SARE Sustainable Agriculture Research & Education
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