



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 \$16.9 million to more than 404 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...

# Pennsylvania

Project Highlight: On-Farm Demonstration and Evaluation on the Use of Landscape Fabric in Mixed Produce and Cut Flower Production

At Full Circle Farms in Spring Mills, Pennsylvania, a group of researchers conducted an experiment to explore how landscape fabric can impact crop productivity and weed management. Many farmers use black plastic mulch to manage weeds and mitigate soil erosion; however, this method has the potential to damage the health of the soil and the environment. To combat this, Sabine Carey from Full Circle Farms obtained a SARE grant to fund a project that demonstrated the effectiveness of using landscape fabric for supporting healthy soil while creating less plastic waste, requiring less tillage and reducing soil erosion.

To accomplish this, Ms. Carey and her team tested the use of landscape fabric in mixed produce and cut flower production on three Pennsylvania farms. The researchers measured a variety of factors including soil pH, overall cost and time spent weeding. These measurements were then compared to black mulch and typical straw/hay mulch in order to demonstrate that the use of landscape fabric is beneficial for developing a sound production system. The results from this project will allow farmers to make a more informed decision on the use of landscape fabric as they evaluate methods to reduce weeds, tillage and use of non-renewable resources such as black plastic.

For more information on this project, see [sare.org/projects](http://sare.org/projects) and search for project number FNE20-949.

## SARE in Pennsylvania

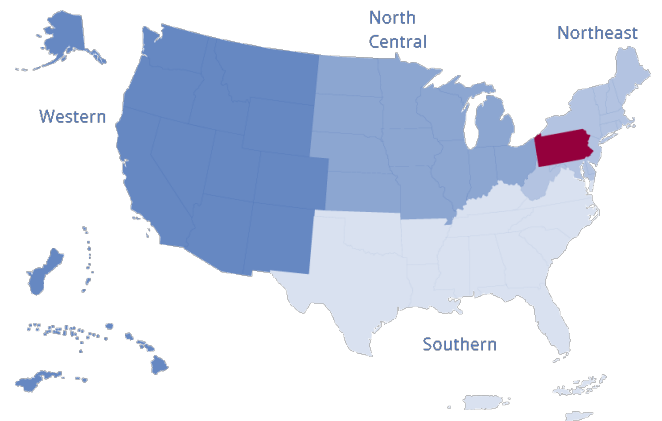
[northeast.sare.org/state-profiles/pennsylvania/](http://northeast.sare.org/state-profiles/pennsylvania/)

**\$16,867,958**  
**in total funding**

**404 grant projects**

(since 1988 [1])

For a complete list of grant projects state by state, go to [projects.sare.org/state-fact-sheets/](http://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 Pennsylvania, 2019–2024

This is a summary of recent SARE-funded activities and impacts in the state. To search all SARE projects visit [projects.sare.org](https://projects.sare.org). For a list of all projects in this state visit [projects.sare.org/state-fact-sheets/](https://projects.sare.org/state-fact-sheets/).

## Grants awarded

Total awards: **99 grants**

- 15 Farmer/Rancher
- 8 Research and Education
- 3 Professional Development Program
- 19 On Farm Research/Partnership
- 47 Graduate Student
- 4 Research Only
- 3 PDP State Program [2]

Total funding: **\$4,294,240**

- \$296,340 Farmer/Rancher
- \$1,496,791 Research and Education
- \$322,546 Professional Development Program
- \$515,148 On Farm Research/Partnership
- \$693,548 Graduate Student
- \$625,248 Research Only
- \$344,619 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 awards by state, visit: [projects.sare.org/state-fact-sheets/](https://projects.sare.org/state-fact-sheets/)

## Farmer and rancher impacts

SARE grantees have reported the following impacts from their projects:

**20,396 farmers participated in a SARE-funded project**

**1,261 farmers reported a change in knowledge, awareness, skills or attitude**

**375 farmers changed a practice**



Learn about local impacts at: [northeast.sare.org/sare-in-your-state/pennsylvania/](https://northeast.sare.org/sare-in-your-state/pennsylvania/)

## 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/pennsylvania/](https://northeast.sare.org/state-profiles/pennsylvania/) to learn more.

Nicole Santangelo Thompson  
Pennsylvania State University  
(716) 307-6188  
[nls18@psu.edu](mailto:nls18@psu.edu)



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