



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 \$4.9 million to more than 73 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...

Florida

Project Highlight: *Grafted Specialty Tomatoes More Resilient*

Demand for organic heirloom and specialty tomatoes grown in high tunnels is rising, making them high-value crops. Unfortunately, growers of such tomatoes in Florida face challenges in managing soil-borne diseases. Due to Fusarium wilt, one farm faced the complete crop failure of a tomato popular in the local market. University of Florida researcher Xin Zhao partnered with the farm, Frog Song Organics, to see if grafting with resistant rootstocks would control soil-borne diseases in organic high tunnel production systems.

Their experiment compared grafted and non-grafted specialty tomatoes for soil-borne disease resistance, yield and fruit quality. They found that grafting was an effective tool for managing Fusarium wilt and improving the overall health of tomato plants. Yields significantly improved in grafted tomato production compared with non-grafted controls. Even with higher production costs associated with the grafting, the grafted plants resulted in increased net profits.

One hundred professionals and 450 farmers learned of the rewarding research findings at workshops and presentations. Zhao views this on-farm research project as a successful demonstration of technology transfer through a collaborative and productive partnership with local growers to address production issues.

For more information on this project, see sare.org/projects, and search for project number **OS13-083**.

SARE in Florida

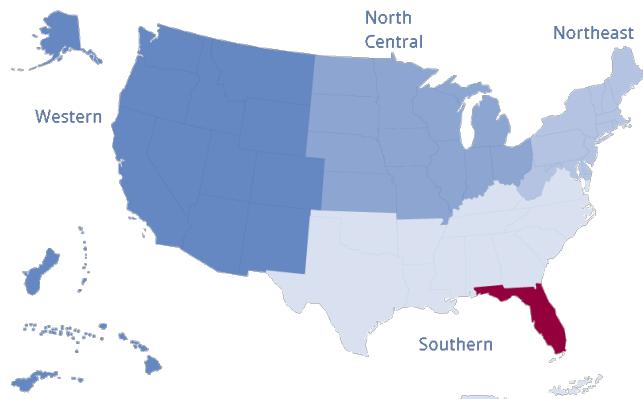
southern.sare.org/state-profiles/florida/

**\$4,890,140
in total funding**

73 grant projects

(since 1988 [1])

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

Grants awarded

Total awards: **73 grants**

- 4 Farmer/Rancher
- 9 Research and Education
- 3 Professional Development Program
- 10 On Farm Research/Partnership
- 32 Graduate Student
- 11 PDP State Program [2]
- 4 Education Only

Total funding: **\$4,890,140**

- \$72,855 Farmer/Rancher
- \$3,373,563 Research and Education
- \$237,599 Professional Development Program
- \$248,795 On Farm Research/Partnership
- \$533,901 Graduate Student
- \$232,932 PDP State Program [2]
- \$190,495 Education 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 Florida awards, visit:
projects.sare.org/state-fact-sheets/

Farmer and rancher impacts

SARE grantees have reported the following impacts from their projects:

4,214 farmers participated in a SARE-funded project

265 farmers changed a practice



Learn about local impacts at:
southern.sare.org/sare-in-your-state/florida/

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 southern.sare.org/state-profiles/florida/ to learn more.

Tierra Bartolotti
University of Florida
(808) 205-0238
t.bartolotti@ufl.edu

Gilbert Queeley
Florida A&M University
(850) 412-5255
gilbert.queeley@famu.edu

Xin Zhao
University of Florida
(352) 273-4773
zxin@ufl.edu



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).