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 $389 million to more than 8,542 initiatives.

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.

U.S. Virgin Islands
Project Highlight: Cover Crops Can Thrive in the Tropics
When you live on an island perpetually faced with high import costs and limited resources, producing food in sustainable systems that rely little on off-farm inputs is more a necessity than a choice. But even then, sustainable production for growers in the U.S. Virgin Islands comes with its own challenges, as the tropical climate fuels an endless onslaught of weeds, pests, diseases and low soil fertility.

“Anything we can do to help our farmers sustainably manage these burdens and become more successful is important to us,” said Stuart Weiss, an agroecologist with University of Virgin Islands Extension. This need has prompted Weiss to explore the use of cover crops as a means to tackle issues with soil fertility and pests. Using two SARE grants, he has led efforts to find cover crops, many of them legumes, that could thrive in tropical conditions and bring the most benefit to farmers, and to identify effective ways to manage them in no-till systems.

The researchers demonstrated the value of cover crops enough that 18 small-scale farms began using them during the course of the projects. Sunn hemp showed the most promise. Requiring no external inputs to grow, it provided excellent weed suppression and contributed more to soil fertility than other cover crop species.

For more information on these projects, see sare.org/projects, and search for project numbers OS11-062 and LS12-252.

SARE in U.S. Virgin Islands
southern.sare.org/sare-in-your-state/u-s-virgin-islands

$1,115,468 in total funding
13 grant projects
(since 1988)

For a complete list of grant projects state by state, go to www.sare.org/state-summaries
SARE in U.S. Virgin Islands

Grants awarded
2019-2024

Total awards: **6 grants**
- 3 Farmer/Rancher
- 1 Professional Development Program
- 1 On Farm Research/Partnership
- 1 Education Only

Total funding: **$198,088**
- $41,019 Farmer/Rancher
- $87,833 Professional Development Program
- $19,236 On Farm Research/Partnership
- $50,000 Education Only

Find a complete list of projects on page 3.

Farmer and rancher impacts
2019-2024

SARE grantees have reported the following impacts from their projects:

- **171 farmers participated in a SARE-funded project**
- **35 farmers reported a change in knowledge, awareness, skills or attitude**
- **19 farmers changed a practice**

Learn about local impacts at: southern.sare.org/sare-in-your-state/u-s-virgin-islands

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-pages/u.s. virgin islands to learn more.

Louis Petersen  
University of the Virgin Islands  
(340) 693-1083  
lpeters@uvi.edu

For detailed information on SARE projects, go to [www.SARE.org](http://www.SARE.org)

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

This report includes summaries of competitive grant programs only. Some competitive grant programs that are no longer offered may be included or excluded from the totals in this report depending on the grant program and SARE region.
U.S. Virgin Islands has been awarded $1,115,468 grants to support 13 projects, including but not limited to, 5 research and/or education projects, 1 professional development project and 3 producer-led projects. U.S. Virgin Islands has also received additional SARE support through multi-state projects.

### RESEARCH AND EDUCATION GRANTS

<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
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</thead>
</table>
| LS12-252   | Developing Sustainable Tropical Leguminous Cover Crop and Green Manure Mulch Systems for Low-External-Input crop Production in the U.S. Virgin Islands, Puerto Rico, and Florida | $223,000     | Dr. Stuart Weiss
 |             |                                                                                                                                                |              | Tarleton State University            |
| LS04-163   | Trade, tenure and tourism in the U.S. Virgin Islands and Puerto Rico: Understanding the Policy Frameworks that will increase success for an Organics Agriculture | $280,000     | Janie Hipp CSREES, USDA
 |             |                                                                                                                                                |              | Eric Wailes University of Arkansas   |
|            |                                                                                                                                                |              | Louis Petersen, Jr. University of the Virgin Islands |
| LS00-112   | Greenwater Tank Culture of Tilapia with the Effluent Used as a Source of Water and Nutrients for Terrestrial Crops                                                                                           | $135,484     | Donald Bailey
 |             |                                                                                                                                                  |              | Univ of the Virgin Islands           |
 |             |                                                                                                                                                  |              | University of the Virgin Islands     |
| LS96-075   | Developing Sustainable Crop Management Systems for Improving Production of Culinary Herbs in the Virgin Islands                                                                                        | $143,529     | Manuel C. Palada
 |             |                                                                                                                                                  |              | University of the Virgin Islands     |

### PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

<table>
<thead>
<tr>
<th>Project #</th>
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<td>University of the Virgin Islands</td>
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### FARMER/RANCHER GRANTS
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<tr>
<th>Project #</th>
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<th>SARE Support</th>
<th>Project Leaders</th>
</tr>
</thead>
</table>
| FS23-354   | Impact of Landscape Fabric on Selected Cultivars Suitability to a Subtropical Climate for the USVI Farm to School Program | $19,930      | Dr. Nate Olive  
Virgin Islands Farmer Alliance                                                                      |
| FS20-327   | Testing Vegetable Varieties in Tropical Conditions on St. Croix, USVI for Farm to School Crop Production                  | $12,480      | Dr. Nate Olive  
Virgin Islands Farmer Alliance                                                                      |
| FS19-316   | Lemon Grass (Cymbopogon citratus) of the Two Main Strands East Indian Lemon Grass (Cymbopogon flexuosus) or West Indian Lemon Grass (Cymbopogon citratus): Which one yields the greatest amount of essential oil | $8,609       | Benita Martin  
Meder Mogzit family farm and educational center                                                      |

**ON FARM RESEARCH/PARTNERSHIP GRANTS**

<table>
<thead>
<tr>
<th>Project #</th>
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</thead>
</table>
| OS22-151   | Potential Grasses as Alternative Forage Crops for the Virgin Islands          | $19,236      | Dr. Worku Burayu  
University of the Virgin Islands                                                                      |
| OS11-062   | Promoting Tropical Cover Crop Mulch Systems for Minimum-Till Crop Production in the U.S. Virgin Islands | $14,957      | Dr. Stuart Weiss  
Tarleton State University                                                                               |

**SUSTAINABLE COMMUNITY INNOVATION GRANTS**

<table>
<thead>
<tr>
<th>Project #</th>
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<th>Project Leaders</th>
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</thead>
</table>
| CS07-053   | Youth and Agriculture: a Bridge to the Future (YABF) for From Tree to Table (FTT) | $10,000      | Latoya Mitchell  
Virgin Islands Farmers Cooperative, Inc.  
Yvette Brown  
Virgin Islands Farmers' Cooperative, Inc. |

**EDUCATION ONLY GRANTS**

<table>
<thead>
<tr>
<th>Project #</th>
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<th>SARE Support</th>
<th>Project Leaders</th>
</tr>
</thead>
</table>
| EDS22-33   | Launching Virtual and Live Youth Sustainable Educational Agriculture Program   | $50,000      | Sandra Cannon  
The Center for Educational Growth  
Sansara Cannon  
The Center for Educational Growth  
Shanika DeWindy  
CaneCuttaz, Inc.  
Vanessa Forbes  
University of the Virgin Islands  
Lisa Petersen  
CFEG and UVI |

Total funding from the USDA SARE program to
U.S. Virgin Islands
$1,115,468

For further information on projects, contact 770-412-4787 or ssare@uga.edu.
Sustainable Agriculture Research and Education (SARE) is funded by USDA’s National Institute of Food and Agriculture (NIFA).