

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.



www.sare.org

SARE: Advancing the Frontier of Sustainable Agriculture in...

Georgia

Project Highlight: *Wildflower Plots Boost Yields and Pollinators*

The extensive loss in managed honeybee hives seen in recent years poses serious challenges to the farmers who grow crops that require pollination. Lower yields and higher pollination costs are the main threats to their businesses. Part of the solution is native bees. Across the country, far-sighted researchers and farmers are recognizing the importance of finding practices that increase native bee populations before a larger crisis hits.

In Georgia, one such farmer, Joe Dickey, has used two SARE grants to study the native bees present in his apple orchards and to establish wildflower plots that support their numbers. The effect on his apple crop was immediate: In 2016, apple production rose 30 percent from the previous two years when the wildflowers were absent from his orchard. Dickey's next step is to compare annual wildflowers to perennial wildflowers to see which type is best at recruiting native bees.

At the same time, Dickey has been collaborating with Georgia Gwinnett College researcher Mark Schlueter on a series of five SARE grants to identify which native bees are best at pollinating apples. After looking at dozens of species, Schlueter discovered a mining bee that outshines the rest as an apple pollinator which farmers should prioritize. For more information on these projects, see sare.org/projects, and search for project numbers [FS16-290](#) and [FS17-296](#).

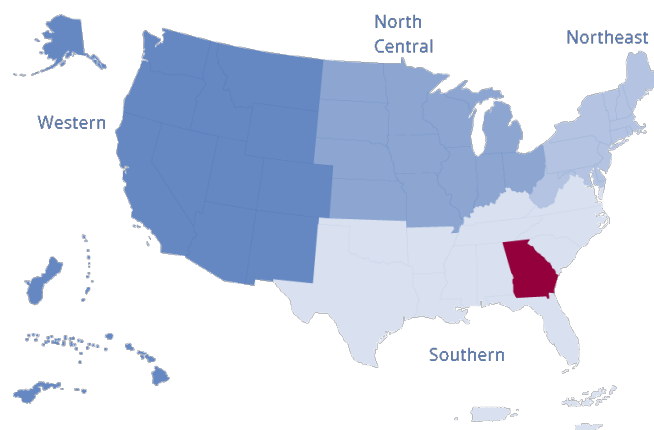
SARE in Georgia

southern.sare.org/sare-in-your-state/georgia

\$12,574,142
in total funding

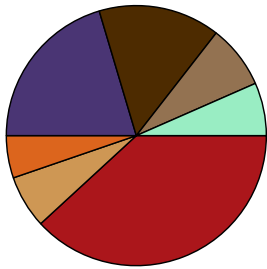
152 grant projects
(since 1988)

For a complete list of grant projects state by state, go to www.sare.org/state-summaries



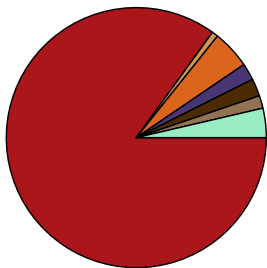
SARE Grants in Georgia

Total awards: 152 grants



58 Research and Education
 10 Sustainable Community Innovation
 8 Professional Development Program
 31 Farmer/Rancher
 23 Graduate Student
 12 On Farm
 Research/Partnership
 10 Education Only

Total funding: \$12,574,142



\$10,683,611 Research and Education
 \$96,594 Sustainable Community Innovation
 \$599,596 Professional Development Program
 \$265,353 Farmer/Rancher
 \$273,579 Graduate Student
 \$197,558 On Farm
 Research/Partnership
 \$457,851 Education Only

Find a complete list of projects on page 3.

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/georgia to learn more.

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SARE's Impact



53 percent

of producers report using a new production technique after reading a SARE publication.

79 percent

of producers said they improved soil quality through their SARE project.

64 percent

of producers said their SARE project helped them achieve higher sales.

Learn about local impacts at:

southern.sare.org/sare-in-your-state/georgia



For detailed information on SARE projects, go to www.SARE.org

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.



AGRICULTURE PROJECTS FUNDED IN GEORGIA

by USDA's
Sustainable Agriculture Research and Education (SARE) Program

Georgia has been awarded \$12,574,142 grants to support 149 projects, including but not limited to, 55 research and/or education projects, 8 professional development projects and 31 producer-led projects. Georgia has also received additional SARE support through multi-state projects.

RESEARCH AND EDUCATION GRANTS

Project #	Project Title	SARE Support	Project Leaders
LS23-386	Building-in Soil and Market Diversity for Greater Farm and Community Wellbeing	\$378,000	Dr.Dorcas Franklin University of Georgia, Crop and Soil Sciences Kate Cassity-Duffey University of Georgia Mussie Habteselassie University of Georgia-Griffin Campus Dr.Stacie Harrison Barrett Fort Valley State University Dr.Kishan Mahmud University of Arkansas Dr.Laura Ney University of Georgia
LS23-387	Labor Demands and Hiring Practices of Southern Cattle-Dairy Farmers Under H-2A Program's Current Guidelines and Proposed Modifications	\$345,000	Dr.Cesar Escalante University of Georgia Dr.Shaheer Burney University of Wisconsin - River Falls Dr.Alejandro Gutierrez-Li North Carolina State University Dr.Grace Melo Texas A & M University Dr.Sushil Paudyal Texas A&M University Luis Peña-Lévano University of Wisconsin - River Falls
LS22-368	Managing Markets: Assessing the Relationship Between Farmers Market Management and Farmers' Economic Viability and Quality of Life	\$300,000	Dr.Hilary King, PhD Emory University Emily Burchfield Emory University Marcus Coleman Tulane University Dr.Sarah Franzen Louisiana State University Dr.Andrea Rissing School of Sustainability, Arizona State University
LS21-358	Small Farms and Big Market Barriers	\$400,000	Dr.Niki Whitley Fort Valley State University Dr.James Brown Fort Valley State University
LS21-361	Economic Benefits and Marketing Implications of Co-Labeling Strategies for Small Organic Producers	\$128,373	Vanessa Shonkwiler University of Georgia Dr.Julie Campbell Department of Horticulture, University of Georgia Dr.Cesar Escalante University of Georgia

LS21-362	How Technology Enhances or Impedes Sustainable Agriculture for Black Limited Resource Farmers in the Southeast Black Belt Region	\$199,840	John Littles, Sr McIntosh SEED James Ford Square O Consulting LLC Handy Kennedy, Jr. HKJ Ranch
LS20-339	Exploring Agritourism to Increase Agricultural Sustainability and Resilience in the Municipality of Utuado, Puerto Rico	\$300,000	Dr.Patrick Holladay Troy University Dr.Katja Brundiers Arizona State University Dr.Pablo Méndez-Lázaro University of Puerto Rico
LS20-340	Pecan Hedge-pruning: A Sustainable Management Option for the Southeastern US	\$299,894	Dr.Jason Schmidt University of Georgia
LS19-309	Evaluating the Impact of Biostimulants on Blueberry Growth and Soil Biological Health	\$297,119	Mussie Habteselassie University of Georgia-Griffin Campus
LS18-299	Sustainable Management Options for Whitefly-transmitted Viruses in Cucurbit Production	\$290,000	Dr.Rajagopalbabu Srinivasan University of Georgia
LS18-298	Biocontrol with Benefits: Enhancing Sustainability by Adding Value	\$260,000	Dr.David Shapiro-Ilan USDA-ARS
LS18-301	Expanding Marketing Opportunities for Dried Nutraceutical Sericea Lespedeza Products for Small-scale Farmers	\$290,000	Thomas Terrill Fort Valley State University
LS17-278	Developing Sustainable Eastern Oyster (Crassostrea virginica) Farming in Georgia Through Evaluation of Grow-out Methodology, Distribution, and Marketing	\$268,000	Thomas Bliss University of Georgia
LS17-281	Increasing Practice of Sustainable Forestry Among Minority and Limited-Resource Forest Landowners in Georgia	\$260,888	Dr.Puneet Dwivedi University of Georgia
LS16-269	A Systems Approach for Estimating Plant Available Nitrogen from Organic Materials and Fertilizers	\$248,324	Miguel Cabrera University of Georgia
LS14-262	The Sustainability of Organic Farms Under the H2A Program: Evaluating the Program's Effects on Mitigating Farm Labor Shortages and Maintaining Business Viability	\$101,096	Dr.Cesar Escalante University of Georgia
LS13-256	Food Hubs and the Regional Food System: Refining Our Understanding of Best Practices from Foodsheds to Operations	\$230,000	Dr.Carrie Furman University of Georgia Crop and Soil Sciences Department
LS13-257	Using Durana Clover as a Living Mulch in an Integrated Corn and Livestock Production System	\$224,000	Dr.Nicholas Hill University of Georgia
LS11-240	Organic Farms' Credit Access and Farm Lenders' Assessment of Organic Farms' Credit Risks	\$132,386	Dr.Cesar Escalante University of Georgia
LS11-241	Enhancing Natural Enemy Systems: Biocontrol Implementation for Peachtree Borers	\$226,100	Dr.David Shapiro-Ilan USDA-ARS

LS11-243	Improving the Welfare of Southeastern Dairy Families Through the Adoption of Sustainable Production Systems	\$294,409	Dr.Richard Lacy UGA Dr.Dennis Hancock Univ. of Georgia
LS11-245	Assessing the Food and Environmental Safety and Economic Feasibility of Mobile Slaughter Units for Pasture Poultry Grower	\$240,780	Alali Walid University of Georgia
LS10-225	Evaluation of Crop Rotation for High Value Cool Season Horticultural Crop Production in Organic and Sustainable Systems	\$200,000	Dr.George Boyhan University Of Georgia
LS10-232	Integrating Canola and Sunflower with Organic Grain Production and Southeastern United States	\$245,000	Dr.Glynn Tillman USDA/ARS Harry Schomberg USDA ARS
LS09-220	Does floral farmscaping really improve insect biological control in vegetable systems of the Coastal Plain?	\$165,000	Peter Hartell University of Georgia John Ruberson University of Georgia
LS09-222	Fish extracts for integrated disease, insect and fertility management in organic blueberries	\$119,000	Harald Scherm University of Georgia
LS07-194	Labor input substitution decisions and business sustainability strategies under changing farm labor market conditions: comparative economic viability analyses of organic and conventional farming systems	\$120,000	Dr.Cesar Escalante University of Georgia
LS07-196	Improved efficiency of grazing dairies using complementary pasture species and irrigation scheduling	\$210,000	Dr.Nicholas Hill University of Georgia
LS07-198	Transition strategies for an organic peanut-grain cropping system	\$220,000	Dr.R. Scott Tubbs University of Georgia
LS06-186	Increasing use of sustainable plants in production and landscape design	\$180,000	Dr.Kris Braman University of Georgia
LS06-190	Perennial legumes as a sustainable source of soil organic matter in Southeastern organic farming systems	\$190,000	Carl Jordan University of Georgia
LS05-177	Sustainable Control of Gastro-intestinal Nematodes in Small Ruminants	\$250,000	Thomas Terrill Fort Valley State University
LS04-159	Profitable alternatives to improve water quality from high nutrient status farms	\$288,000	Dr.Dorcas Franklin University of Georgia, Crop and Soil Sciences
LS04-164	Sustainable Control of Gastrointestinal Nematodes in Small Ruminants using Forages Containing Condensed Tannins	\$15,500	Will R. Getz Fort Valley State University
LS03-153	Integrating Biological Control into Pecan Weevil Management: A Sustainable Approach	\$217,500	Dr.David Shapiro-Ilan USDA-ARS
LS02-138	An Investigation of the General and Niche Market Goat Meat Demand	\$161,074	Mack C. Nelson Fort Valley State University

LS02-142	Defining the Research Needs of Farmers in Organic Horticultural Production in the Southeast	\$21,080	Dr.George Boyhan University Of Georgia
LS02-143	Novel Methods for Sustainable Control of Gastrointestinal Nematodes in Small Ruminants	\$254,137	Thomas Terrill Fort Valley State University
LS01-121	Enhancing Sustainability in Cotton Production through Reduced Chemical Inputs, Cover Crops, and Conservation Tillage	\$207,867	Harry Schomberg USDA ARS
LS01-123	Crop/Livestock Integration: Restoring a Traditional Paradigm in Contemporary Agricultural Research, Outreach and Practice	\$21,121	Gary Hill University of Georgia, Animal & Dairy Science Dept
LS01-124	Novel Methods for Sustainable Control of Gastrointestinal Nematodes in Small Ruminants	\$12,600	Thomas Terrill Fort Valley State University
LS00-114	Investigation of Sustainability of Dairy Goat Industry by Innovative Method of Product Development	\$225,470	Young Park Fort Valley State University
LS98-093	Accountability at Local, State, and Federal Levels for Impacts of Agricultural Conservation Practices on Water Quality	\$223,322	Dwight Fisher USDA-ARS-SAA
LS97-088	Producers Assessment of Sustainable Land Management Practices to Protect Water Quality	\$228,864	Jill L. Steiner USDA-ARS, Campbell Center
LS96-078	Saving the Southern Legacy: Heirloom Plants and Local Knowledge for Profitable, Sustainable Agriculture	\$152,817	Robert E. Rhoades University of Georgia
LS94-057	Disease and Insect Management Using New Crop Rotations for Sustainable Production of Row Crops in the Southeastern United States	\$152,200	Barry Cunfer University of Georgia
LS93-056	Using Soldier Flies as a Manure Management Tool for Volume Reduction, House Fly Control and Feedstuff Production (AS93-09)	\$2,150	Craig D. Sheppard University of Georgia
LS91-043	Cover Crops for Clean Water: A National Conference on the Role of Cover Crops in Improving Water Quality	\$8,000	William L. Hargrove University of Georgia
LS90-020	Effective Nitrogen for Low-input Forage and Grain Production in a Thermicudic Region	\$195,000	R. Russell Bruce USDA/ARS, Southern Piedmont Conservation Research Center
LS90-024	Development of an Environmentally Safe and Economically Sustainable Year-Round Minimum Tillage Forage Production System Using Farm Animal Manure as the Only Fertilizer	\$195,000	Joseph C. Johnson Jr. University of Georgia
LS90-025	Development of Fractionation and Treatment Systems for Poultry Litter to Enhance Utilization and Reduce Environmental Impact	\$141,000	William C. Merka University of Georgia
LS90-027	A Low-Input Manure Management System in Animal Housing for Housefly Control, Waste Reduction and Feed	\$18,000	Craig D. Sheppard University of Georgia

LS88-001	Low-Input and Organic Pest Management for Apples and Peaches Using Mating Disruption and Ground Cover Management	\$100,000	F. F. Henrix University of Georgia
LS88-003	Planning Grant: Development of Low-input Agricultural Technology Demonstrations at the Sunbelt Agricultural Exposition Demonstration Farm	\$14,700	John Beasley Rural Development Center
LS88-007	Low-input Reduced Tillage Crop Production Systems for the Southern United States	\$215,000	William L. Hargrove University of Georgia

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE Support	Project Leaders
SPDP23-023	Funding, Fundamentals, and Fellowship: The MANRRS Grantsmanship Training Program	\$72,700	Derris Devost- Burnett MANRRS Dr.Marcus Bernard MANRRS Dr.Olga Bolden-Tiller MANRRS Ebony Webber MANRRS Dr.Tina Wu MANRRS
ES09-096	Training Educators and Agricultural Professionals on Sustainable, Pasture-based Dairy Systems	\$89,321	Dr.Dennis Hancock Univ. of Georgia
ES08-094	Experiential Education to Form an Extension Organic Production Team in Georgia	\$18,692	Julia Gaskin University of Georgia
ES06-084	Smart Drenching and FAMACHA Integrated Training for Sustainable Control of Gastrointestinal Nematodes in Small Ruminants	\$72,955	Seyedmehdi Mobini Fort Valley State University
ES06-086	Southern Region Educator Trainings in Eight Farming Systems using unique tools and approaches	\$121,968	Karen Adler Southern Sustainable Agriculture Working Group
ES03-068	Curriculum in Organic Agriculture for Agents and Teachers	\$70,810	Alice Rolls Georgia Organics
ES99-046	Building Capacity in Organic Agriculture: An Integrated Approach to Training Agricultural Information Providers	\$115,000	Alice Rolls Georgia Organics
ES97-016	Developing Trained Professionals and Teaching Aids to Support Educational Programs Addressing Management of Stored Grain in the Southeast	\$38,150	Steve Brown University of Georgia, Extension Entomology, Rural Development Center

FARMER/RANCHER GRANTS

Project #	Project Title	SARE Support	Project Leaders
FS23-349	Research for the Validation of Regenerative Citrus	\$14,843	Herb Young Squeeze Citrus LLC
FS23-359	A Path to Southern Tea: Propagation of Camellia Sinensis to Support an Alternative Field Crop for Southern Farmers	\$9,150	Jenny Jackson Jenny Jack Farm

FS22-344	Enriching Vermicast through the Use of Bokashi-Fermented Food Waste Inputs	\$15,000	Melanie Jones Trefoil Gardens
FS20-328	Testing Methods to Develop a Soil Food Web in Clay Soils	\$14,860	Kirsten Simmons Ecosystem Farm
FS17-296	Which Wildflower is Best at the Recruitment of Native Bees into Agricultural Areas? A comparison of perennial vs. annual wildflowers	\$10,000	Joe Dickey Farmer
FS17-303	Evaluation of Southern Stem Blight Control in Green Beans with Aerated Compost Tea in Drip System	\$6,501	Joseph Reynolds Love is Love Farm
FS16-290	Measuring the Benefits of Wildflower Plots to Boost Fruit Yield and Pollinator Abundance in Georgia Apple Orchards	\$10,000	Joe Dickey Farmer
FS14-278	Grazing Standing Corn and Climbing Beans	\$6,107	Dr.Lynn Barber Heritage Acres
FS14-286	Production and Marketing of Pumpkin Seed Oil & Related Products	\$9,180	Bradley Weaver Bradley's Farm
FS13-267	Mechanical and biological strategies to remove invasive Bermuda grass in preparation for organic vegetable production on raised beds	\$9,560	Jennifer Taylor Lola's Organic Farm
FS12-259	Black Soldier Flies as a Value-Adding Tool within Organic Farming Systems	\$10,000	Hilary Halford White Oak Pastures, Inc. Lori Moshman White Oak Pastures
FS11-253	Demonstrating the Potential for Triticale and Annual Ryegrass as both an Alternative Winter Crop and a Soil Organic Matter-Building Practice	\$9,997	Jonny Harris Greenview Farms, Inc.
FS10-249	Production and Marketing of European Melons in the Southeast	\$5,390	Brennan Washington Phoenix Gardens, LLC
FS09-234	"Sweet Petite" Value Added Processing for Small Sized Shrimp	\$9,932	James Dubberly Dubberly's Seafood
FS08-228	Sustainable Production and Niche Marketing of Pearl Millet	\$9,911	Bryan Maw
FS07-212	Control of Corn Earworm using Brazilian free-tailed bats	\$999	Frank Bibin Teresa Bibin
FS06-208	Evaluation of Compost Tea Application to Control Foliar Diseases in an Heirloom Tomato Crop	\$9,720	Daniel Parson Gaia Gardens
FS02-145	Cotton Mill Farmer's Market - Linking the Community to the Farm	\$15,000	Meredith Barr Carroll Co. Farmland & Rural Preservation Partners
FS02-156	Winter and Summer Cover Crops for Organic Pecan Production	\$9,766	Kim M. Moore

FS00-106	Cover Crops for Christmas Trees and Other Orchard Crops	\$6,327	Thomas Aiken
FS00-111	Using On-Farm Produced Compost to Reduce Production Costs, Disease and Fertilizer Input in Bell Pepper	\$9,536	Bill Brimm Lewis Taylor Farm
FS99-086	Paper Wasp Colonization for Tent Caterpillar Control in Pecan Groves	\$506	Frank Bibin
FS99-099	Alum Amended Solids Separation and Composting of Swine Waste	\$9,100	Jimmy Shealy
FS99-101	Sustainable Winter Squash Production Using Poultry Litter	\$4,985	Johnnie L. Stubbs
FS98-072	Microbial Input for Organic Production of Vegetables	\$9,039	Skip Glover Glover Family Farm
FS98-074	Alfalfa Hay Production to Lower Soil Phosphorus Levels Caused by Animal Waste Application	\$9,556	Keith Boozer Piedmont Area Poultry Association
FS98-082	Using Shearing to Control Nantucket Pine Tip Moth in Virginia Pine Christmas Trees	\$5,672	William Slaughter
FS97-058	Evaluation of an Alternative Low-Input Production System for Fresh Market Tomato	\$5,109	Greg & Dale Murray
FS97-061	Algae-based Winter Feed for Small-Scale Goat	\$7,907	Rosemarie Szostak Oak Hill Farm
FS94-004	Nutrient Evaluation and On-Site Composting of Poultry Litter	\$3,000	Andy Hickox
FS94-006	Insect Pest Management for Cotton	\$8,700	Benny Johnston

GRADUATE STUDENT GRANTS

Project #	Project Title	SARE Support	Project Leaders
GS23-275	Is Locally Sourced Biochar and Poultry Litter the Solution to Improving Soil Health and Sustainably Produce Tomatoes in South Georgia?	\$16,500	Ted McAvoy University of Georgia Emilio Suarez Romero University of Georgia
GS23-286	Investigating the Inoculation of Peach with an Entomopathogenic Fungus as a Potential Biocontrol Tactic Against Tree Boring Pests	\$15,408	Brett Blaauw University of Georgia Sabrina Barbosa Department of Entomology, University of Georgia
GS22-264	Social Valuation of Forest-based Ecosystem Services of Female Forest Landowners in Georgia, United States	\$15,081	Dr.Puneet Dwivedi University of Georgia Kanchana Balasubramanian University of Georgia
GS22-269	Exploration and Evaluation of the Native Parasitoids of Invasive Spotted-wing Drosophila, <i>Drosophila suzukii</i> for Biological Control	\$13,354	Dr.Ashfaq Sial University of Georgia Subin Neupane University of Georgia

GS21-236	Identifying the Roles of Predatory Natural Enemies in Pecan Systems: Molecular-based framework for sustainable pest management	\$15,707	Dr.Jason Schmidt University of Georgia Pedro Toledo University of Georgia
GS20-233	Effect of Ground Cover Management on Predators and Predation of Halyomorpha halys in Georgia Peach Orchards	\$16,111	Brett Blaauw University of Georgia Daniel O'Connell University of Georgia
GS19-217	Evaluating Stakeholder Perceptions on Palmer Amaranth Management in Georgia	\$14,797	Dr.Jennifer Thompson University of Georgia David Weisberger University of Georgia
GS19-197	Aphid Parasitism: A Sustainable BioControl Option Against Aphid Pests of Pecans in the Southeastern U.S.	\$14,740	Dr.Jason Schmidt University of Georgia Eddie Slusher University of Georgia-Tifton
GS19-216	Assessing the Conditions Informing Direct-to-Consumer Access for Hispanic Immigrant Farmers in the Southeast	\$16,380	Dr.Jennifer Thompson University of Georgia Emily Ramsey University of Georgia
GS18-180	Leveraging Pest Behavior for Implementation of Sustainable Management Tactics for Plum Curculio in Southeastern Peach Production	\$16,464	Brett Blaauw University of Georgia Tzu-Chin Liu University of Georgia
GS18-182	Effects of Imidacloprid Soil Drench Applications on Nesting Blue Orchard Mason Bees (<i>Osmia lignaria</i>)	\$16,490	Dr.Kamal Gandhi University of Georgia Dr.Christine Fortuin Mississippi State University
GS16-159	Evaluation of Pest and Disease Resistance in Winter Squash Varieties Under Organic Management in the Southeast	\$10,944	Dr.Elizabeth Little University of Georgia Zachary Matteen Mississippi State University
GS16-163	Evaluating conservation biological control options for spotted wing drosophila (<i>Drosophila suzukii</i>)	\$10,849	Dr.Jason Schmidt University of Georgia Seth Whitehouse Mississippi State University
GNC15-208	Why Do They Quit? Identifying Key Determinants of Beginning Farmers' Decisions	\$9,855	Dr.Peggy Barlett Emory College of Arts and Sciences Dr.Andrea Rissing School of Sustainability, Arizona State University
GS15-147	Evaluation of High Tunnel Systems for Spring Organic Lettuce Production in Georgia	\$11,000	Dr.Suzanne O'Connell University of Georgia Theekshana Jayalath University of Georgia
GS14-127	Controlling Squash Bugs (<i>Anastatus tristis</i>) Using Cover Crops and Organic Insecticides	\$2,436	David Berle Lindsay Davies University of Georgia
GS14-139	A novel technique for treating seeds with biocontrol agents for the sustainable management of bacterial fruit blotch of watermelon	\$9,500	Dr.Ron Walcott University of Georgia Safira Sutton University of Georgia
GS09-080	Emerging Local Food Systems - The Role of Locally Developed Innovation in Small-scale Sustainable Farming in Northeast Georgia	\$8,492	Carl Jordan University of Georgia Justin Ellis University of Georgia

GS08-074	Seeds of Persistence: The Ethnoecology of Crop Agrobiodiversity Maintenance in the American Mountain South	\$10,000	Robert E. Rhoades University of Georgia Dr. James Veteto University of North Texas James Veteto University of Georgia Department of Anthropology
GS06-054	Novel methods for sustainable control of gastrointestinal nematodes in llamas and alpacas in the southeastern United States	\$10,000	Thomas Terrill Fort Valley State University Rose-Ann Gillespie Fort Valley State University
GS05-043	BT Cotton, Tillage and Cover Crops Identity: Relative Effects on Above and Below Ground Invertebrate Diversity	\$2,895	Mark Hunter University of Georgia Kyle Wickings University of Georgia
GS05-044	Effects of the Quality of Organic Soil Amendments on the Soil Community and on Nitrogen Mineralization in an Agroecosystem in the Georgia Piedmont	\$8,576	Carl Jordan University of Georgia Yolima Carrillo Institute of Ecology, University of Georgia
GS02-017	Velvet Bean as a Biological Control of Weeds and Pathogens	\$8,000	Sharad Phatak UGA - Department of Horticulture Nicole Martini UGA - Department of Horticulture

ON FARM RESEARCH/PARTNERSHIP GRANTS

Project #	Project Title	SARE Support	Project Leaders
OS23-166	Saffron: A new high-value crop for underserved farmers in Southern US	\$29,233	Bharat Acharya Rodale Institute Southeast Organic Center
OS22-150	Boosting Blueberry Patch Production and Native Bee Abundances Using Wildflower Patches	\$20,000	Dr. Mark Schlueter Georgia Gwinnet College
OS19-126	Off-season Plant-parasitic Nematode Management for Vegetables through Biofumigant Cover Crops	\$15,000	Abolfazl Hajihassani University of Georgia
OS17-102	Scale Management to Promote Sustainable Southeastern Peach Production	\$14,985	Brett Blaauw University of Georgia
OS14-090	Investigating Artificial Native Bee Habitats as a Means to Boost Native Bee Pollination and Provide an Additional Revenue Source for Farmers	\$15,000	Dr. Mark Schlueter Georgia Gwinnet College
OS13-074	Enhancement of Native Bee Pollination Services in Apples Orchards in Georgia	\$15,000	Dr. Mark Schlueter Georgia Gwinnet College
OS13-081	Nesting Habitat Enhancements and Native Bee Population Measurements in Apple Orchards in Georgia	\$15,000	Dr. Mark Schlueter Georgia Gwinnet College
OS12-066	Native Bee Assessment in North Georgia Apple Orchards: Measuring Diversity and Devising Methods to Boost Abundance	\$15,000	Dr. Mark Schlueter Georgia Gwinnet College
OS11-061	A Measurement of the Pollination Success of Native Bees in North Georgia Apple Orchards: Is there a need for Commercial European Honeybees?	\$15,000	Dr. Mark Schlueter Georgia Gwinnet College

OS09-049	Creating, planning, and using forage quality budgets to optimize milk production on grazing dairies	\$14,340	David Kissel University of Georgia
OS07-034	Hydroseeded mulch as an alternative to plastic mulch films	\$14,000	Dr.Gary L. Hawkins University of Georgia
OS04-020	Increasing Farm Sustainability through the Use of Cover Crops for Weed Suppression in Non-Transgenic Conventional Cotton	\$15,000	Dr.Gary L. Hawkins University of Georgia

SUSTAINABLE COMMUNITY INNOVATION GRANTS

Project #	Project Title	SARE Support	Project Leaders
CS10-080	Farm to Market Alliance	\$10,000	Christine McCauley Madison-Morgan Conservancy
CS09-073	Marketing Local Value Added Products in Southwest Georgia	\$9,934	Cornelius Key Federation of Southern Cooperative/LAF
CS08-062	Building Sustainable Agriculture and Community Development along the Coastal Plain regions of Georgia and South Carolina	\$10,000	John Littles, Sr McIntosh SEED
CS07-054	Something's Cooking in the Kitchen	\$8,400	Christine Curry Pike County Agribusiness Authority
CS06-042	Sustainable Farming: wedding regional agriculture and community development in Coastal Georgia	\$10,000	John Littles, Sr McIntosh SEED
CS05-034	Rural Women as Agriculture Leaders	\$9,980	Mikhiela Sherrod Southwest Georgia Project
CS04-024	Comer Farmers' Market	\$10,000	Tina McCollough Comer Farmers' Market
CS04-029	Battlefield Farmers' Market - Growing New Opportunities	\$10,000	David Matteson Walker County Young Farmers
CS03-017	Putting Pike on the Map	\$9,680	Christine Curry Pike County Agribusiness Authority
CS02-002	Downtown Farmers' Market-Linking the Farm to the Community	\$8,600	Rob Gordy Carroll Co.Farmland & Rural Preservation Committee

EDUCATION ONLY GRANTS

Project #	Project Title	SARE Support	Project Leaders
EDS23-050	Urban Agricultural Work/Study Experience for Young Urban Adults	\$44,997	Tixie Fowler Gardens for Growing Community, Inc.
EDS22-36	Organic For All - Whole Systems Organic Agriculture for Farmers of Color	\$50,000	Dr.Jennifer Taylor IFOAM- North America (International Federation of Organic Agricultural Movements- North America) Ken McCormick IFOAM NA (International Federation of Organic Agriculture Move

EDS22-39	Tractor, Small Engine, and Hand Tool Selection, Use, Maintenance, and Repair for Small to Mid-Scale Sustainable Farms	\$45,320	Lauren Cox Georgia Organics
EDS21-25	Empowering Southern Sustainable Farmers with Proactive, Community-centered Farm Law Education, Resources, and Networks	\$45,096	Eva Moss Farm Commons Rachel Armstrong Farm Commons
EDS20-15	HABESHA Agriculture Leadership Opportunity (HALO Program)	\$48,440	Cashawn Myers HABESHA, Inc.
EDS20-21	Preventing Heirs Property and Increasing Agricultural Sustainability: A Training for Extension Agents and Limited Resource Farmers in Rural Georgia	\$50,000	Skipper StipeMaas The Georgia Heirs Property Law Center, Inc. Delene Porter Georgia Heirs Property Law Center, Inc Wanda Strickland The Georgia Heirs Property Law Center, Inc.
EDS19-12	A Working Group to Address the Challenge of Food Deserts Through Urban Agriculture	\$50,000	Dr. Philip Omunga Savannah State University
EDS18-04	Building a System of Sustainable Agriculture in the Southeast Black Belt Region Through Education and Technical Assistance	\$47,000	John Littles, Sr McIntosh SEED
EDS18-02	A Southern Cover Crop Website to Encourage Cover Crop Adoption	\$46,998	Julia Gaskin University of Georgia
EDS18-07	HABESHA Works Program Expansion and Incubator Development	\$30,000	Cashawn Myers HABESHA, Inc.

**Total funding from the USDA SARE program to
Georgia
\$12,574,142**



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).