



AGRICULTURE PROJECTS FUNDED IN SOUTH CAROLINA

by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2018

South Carolina has been awarded \$1,999,952 grants to support 56 projects, including but not limited to, 7 research and/or education projects, 9 professional development projects and 17 producer-led projects. South Carolina has also received additional SARE support through multi-state projects.

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RESEARCH AND EDUCATION GRANTS

Project #	Project Title	SARE support	Project Leaders
LS16-273	Improving Silvopasture Systems in the South: Identification of Suitable Forage Crops and Enhancement of Environmental Quality in Upland Forests	\$135,487	John Quinn Furman University
LS09-217	Improvement of the safety of food handling practices on small farms	\$200,000	Dr.Paul Dawson Clemson University
LS06-188	Expanding the grazing season for sustainable year-round forage-finished beef production	\$163,000	Susan Duckett Clemson University
LS04-213	Development and Integration of Sustainable Agriculture Core Curriculum Training into the Southern Region Extension Education System	\$241,000	Dr.Geoff Zehnder Clemson University
LS03-155	Creating a value chain system for local and regional farm products	\$19,310	Dr.Geoff Zehnder Clemson University
LS03-157	Suppression of weeds and other pests in fresh market vegetables using wild radish cover crop	\$173,125	Jason Norsworthy Clemson Univeristy
LS93-054	Evaluation of Low-Input, No-Till, No-Herbicide Continuous Grazing System for Dairy Cows	\$118,911	Jean Bertrand Clemson University

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
ES17-137	Wholesale Success: Building the capacity of farmers to meet demand for locally and sustainably grown produce	\$78,008	Dr.Geoff Zehnder Clemson University
ES13-117	Training in Renewable Energy Systems	\$78,128	Dr.Geoff Zehnder

	for Small Farms to Reduce Energy Costs and Improve Profitability		Clemson University
ES11-108	Pollinator Conservation Short Course	\$92,066	Eric Mader The Xerces Society
ES10-106	On-Farm Training in Organic Pest Management Practices for Small, Diversified Farms	\$83,775	Dr.Geoff Zehnder Clemson University
ES02-064	Calhoun Fields Laboratory: A Program for Experiential Training in Organic Farming Systems	\$49,926	Dr.Geoff Zehnder Clemson University
ES01-057	South Carolina Farm and Forest Land Conservation Training	\$25,428.40	Ben Boozer Clemson Institute for Economic & Community Develop
ES97-017	Overcoming Training Obstacles: A Realistic Cost-Effective Approach	\$10,000	Charles Q. Artis South Carolina State University, Community and Economic Development
ES97-018	The First Requirement of Agriculture Sustainability: Efficient Management of Available Resources	\$60,000	Charles Q. Artis South Carolina State University, Community and Economic Development
LST94-006	Extending Sustainable Agriculture Concepts and Practices to Traditional Agricultural Advisors	\$11,700	Jim Palmer Clemson

FARMER/RANCHER GRANTS

Project #	Project Title	SARE support	Project Leaders
FS18-309	Studying the Use of Copper to Raise Healthier Goats	\$10,000	Judy Langley
FS17-300	Scaling Indigo Production in South Carolina	\$5,965	Kathy McCullough Farmer
FS16-288	Modified Method for Roller-Crimper No Till System in the Southeast Coastal Plain	\$8,327	Mary Connor Three Sisters Farm
FS14-284	Is freshwater fish compost as effective as saltwater fish compost on vegetable production?	\$10,000	Dale Snyder Sweetgrass Garden Co-op
FS13-276	Shade cloth for fall bearing blackberry druplet abortion/malfunction problems in southeastern USA	\$6,458	Walker Miller The Happy Berry Bunch
FS11-255	Cucumber Pollination with Bumblebees	\$8,530	David MacFawn Rawl Farms
FS11-257	Is Fish Waste Compost worth the Mess and Effort?	\$9,848	Dale Snyder Sweetgrass Garden Co-op
FS10-245	Forage Chicory Use in Rotational Grazing of Sheep to Reduce Intestinal	\$9,078	Kathy McCaskill Old McCaskill's Farm

	Worms, Reduce Grain Supplementation, And Maximize Growth		
FS10-247	Using Buckwheat to Attract Beneficial Insects for Crop Protection	\$9,037	Daniel Parson Parson Produce
FS09-233	Dual Season Organic Asparagus Production	\$9,995	Mary Connor Three Sisters Farm
FS04-184	Edamame Variety Trials for the Local Fresh Market	\$4,777	Carolyn A. Prince
FS99-102	Cattle Lane Construction Alternatives That Enhance Intensive Grazing Systems	\$9,850	Tom Trantham Trantham's Dairy Farm
FS98-070	Red Plastic Mulch as an Alternative to Insecticides in Production of Seedless Watermelons	\$7,390	John Frazier
FS98-079	Demonstration of a Low-Input Diversified Small Farm Operation	\$9,200	Theodore Nesmith
FS95-033	Cover Crops in Integrated Vegetable Production Systems	\$9,285	Charles Wingard W.P. Rawl & Sons Farms
FS94-005	Vegetable Marketing Strategies for a Small Farm Co-op	\$10,000	Curtis Inabinett Sea Island Farmers Co-op
FS94-016	Clover Cover Crops, Weed Management and Consumer Tolerance to Insect Damage	\$4,710	Horace & Shaw Skipper The Berry Patch

GRADUATE STUDENT GRANTS

Project #	Project Title	SARE support	Project Leaders
GS18-192	Cover Cropping to Improve Soil Moisture Content for the Following Cash Crop	\$16,496	Dr.Sruthi Narayanan Clemson University Ricardo St. Aime
GS17-174	Optimizing Nutritional Management in Fruit Tree Production in Southern U.S.	\$16,441	Juan Carlos Melgar Clemson University Qi Zhou Clemson University
GS13-126	Weeds, Nitrogen, and Yield: Measuring the Effectiveness of an Organic No-Till System	\$10,927	Dr.Geoff Zehnder Clemson University David Robb Clemson University
GS04-041	Preliminary Investigation for Application of Supercritical Fluid Extraction Technology for Garlic Oil Extraction	\$10,000	Terry Walker Clemson University Meidui Dong Clemson University
GS04-034	Control of Soilborne Fungi with Biofumigation	\$10,000	Anthony Keinath Clemson University Samuel Njoroge Clemson University
GS03-020	The Assessment of Conservation and	\$10,000	William Bowerman

Traditional Tillage Systems on Weed Dynamics, Insect Abundance, and Northern Bobwhite Quail Life and Behavioral Patterns

Clemson University
Derek Eggert
Clemson University

ON FARM RESEARCH/PARTNERSHIP GRANTS

Project #	Project Title	SARE support	Project Leaders
OS18-118	Cover Cropping to Increase the Sustainability of Cropping Systems by Developing Soil Organic Matter, Improving Soil Health, and Suppressing Weed Growth	\$15,000	Dr.Sruthi Narayanan Clemson University
OS17-109	Identification of Factors Involved in Peach Skin Streaking	\$15,000	Guido Schnabel Clemson University
OS16-100	Getting to the Bottom of 'Bronzing', A Peach Skin Disorder Causing Severe Losses for Organic and Conventional Peach Growers	\$15,000	Guido Schnabel Clemson University
OS16-093	Increasing Sustainability of Peanut, Cotton, and Soybean Production Systems Through Innovative Interseeding Technology to Enhance Farm Profit and Reduce Pest Occurrence	\$14,990	Dan Anco Clemson University
OS16-094	Fruit Bagging as a Strategy to Reduce Reliance on Pesticides for the Production of Peaches in the Southeast	\$14,967	Juan Carlos Melgar Clemson University
OS16-096	Cover Crop Influence on Stored Soil Water Availability to Subsequent Crops	\$14,995	Dr.Sruthi Narayanan Clemson University
OS07-035	On-Farm Use of a Hybrid Vetch Cover Crop to Reduce Fusarium Wilt in Seedless Watermelon	\$9,900	Anthony Keinath Clemson University
OS03-010	Poultry Litter Research Project	\$12,600	David Gunter Clemson Extension Service
OS03-013	Growing Organic Fruits and Vegetables for Local Farmer's Markets	\$9,925	York Glover

SUSTAINABLE COMMUNITY INNOVATION GRANTS

Project #	Project Title	SARE support	Project Leaders
CS12-087	Fighting Obesity in Schools By Changing Eating Habits of Students	\$10,000	Robert Behr Ashley Ridge High School
CS10-078	GrowFood Carolina	\$10,000	Lisa Turansky South Carolina Coastal Conservation League
CS08-064	Growing the Manning Farmer's Market	\$5,050	Rebecca Rhodes City of Manning
CS08-065	Marshview Community Organic Farms –	\$9,700	Sara Reynolds

Young Farmers of the Lowcountry

Marshview Community Organic Farm

[CS07-058](#)

Farmers Market Support Activities

\$2,570

Grady Sampson

[CS07-059](#)

Chicora Farmers Market

\$6,300

Amanda Crump
Metanoia CDC**PDP STATE PROGRAM GRANTS**

Project #	Project Title	SARE support	Project Leaders
SSC17-001	SSC17-001 Model State Program	\$55,555	Dr.Geoff Zehnder Clemson University Dr.Edoe Agbodjan South Carolina State University
SSC16-001	2016-2017 Model State Program Clemson University	\$22,222	Dr.Geoff Zehnder Clemson University

**Total funding from the USDA SARE program to
South Carolina
\$1,999,952**



For further information on projects, contact Candace Pollock, Southern SARE public relations coordinator, at (770) 412-4786 or cpollock@uga.edu.

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