



Sustainable Agriculture
Research & Education

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AGRICULTURE PROJECTS FUNDED IN NORTH CAROLINA

by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2016

North Carolina has been awarded \$10,763,419 to support 186 projects, including but not limited to, 50 research and/or education projects, 24 professional development projects and 52 producer-led projects. North 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
LS15-267	CEFS Long-Term Systems Research: Providing the Building Blocks for Resilient Food Production Systems	\$300,000	Dr.S. Chris Reberg-Horton North Carolina State University
LS14-260	Growing Local - Phase II	\$299,943	Charlie Jackson Appalachian Sustainable Agriculture Project
LS12-247	CEFS Long-Term Systems Research: Providing the Building Blocks for Resilient Food Production Systems	\$300,000	Dr.S. Chris Reberg-Horton North Carolina State University
LS12-248	Quantifying the Multiplier Effect: What Sustainable Local Food Systems can Mean to Local Communities	\$211,000	Drew Marticorena NCSU
LS11-239	Growing Local - Phase I	\$296,645	Charlie Jackson Appalachian Sustainable Agriculture Project
LS11-246	Saving Endangered Hog Breeds	\$151,215	Dr.Alison Martin The Livestock Conservancy
LS10-227	Lighting up the black box: Improving legume performance on organic farms by optimizing microbially-mediated plant and soil nitrogen cycling processes.	\$192,000	Dr.Julie Grossman University of Minnesota
LS09-224	Research and educational support for organic dairy farming in the South	\$250,000	Dr.Steven Washburn North Carolina State University
LS08-211	A multi-disciplinary approach to improve the environmental performance of niche pork production systems and marketability of Heritage swine breeds	\$175,000	Sang Hyon Oh North Carolina A&T State University

LS08-203	Exploiting the organic peanut market: refining production systems for the Southeast	\$175,000	Mark Boudreau Hebert Green Agroecology, Inc. Dr.Mark Boudreau Hebert Green Agroecology
LS08-210	Reduced tillage in organic systems: a soil and water quality imperative	\$190,000	Dr.J. Paul Mueller North Carolina State University
LS07-197	Appalachian grown:Farm to School Project	\$170,000	Emily Jackson Appalachian Sustainable Agriculture Project
LS07-200	Selecting cover crops for diverse functions: an integrated soil management approach for organic strawberry production in North Carolina	\$200,000	Michelle Schroeder-Moreno North Carolina State University
LS06-193	Grafting Rootstocks onto Heirloom and Locally Adapted Tomato Selections to Confer Resistance to Root-knot Nematodes and other Soil Borne Diseases and to Increase Nutrient Uptake Efficiency in an Intensive Farming System for Market Gardeners	\$193,000	Mary Peet North Carolina State University
LS05-169	Exploiting the Organic Peanut Market: Design of Production Systems for the Southeast	\$159,000	Mark Boudreau Hebert Green Agroecology, Inc.
LS05-173	Microarray Analysis and functional assays to assess microbial ecology and disease suppression in soils under organic or sustainable management	\$250,000	
LS05-178	Sustainability indicators as management tools to guide farmers, scientists, policy makers and the general public	\$250,000	John Brandt North Carolina State University
LS04-161	Evaluation of Beneficial Insect Habitat for Organic Farms	\$72,539	David Orr North Carolina State University
LS04-158	N2-fixation and weed competition: breaking the connection between crops and weeds	\$248,000	Michael Burton NCSU -- Crop Science Department
LS04-165	Renewing the Agriculture of the Middle: A Planning grant request to develop a Southern Strategy	\$15,500	Scott Marlow Rural Advancement Foundation International - USA
LS03-146	Appalachian Grown: Toward Regional Community-based Food Systems	\$154,030	Charlie Jackson Appalachian Sustainable Agriculture Project
LS03-154	Examining pasture-based dairy systems to optimize profitability environmental impact, animal health and milk quality	\$226,903	Dr.Steven Washburn North Carolina State University
LS02-132	Cover Cropping and Residue Management for Weed Suppression, Soil Fertility and Organic Crop Production	\$99,117	Keith Baldwin NC A&T State University
LS02-134	The Importance of Genetics: Biological fitness and productivity in range-based	\$182,386	Marjorie Bender American Livestock Breeds Conservacy

	systems comparing standard turkey varieties and industrial stocks		
LS01-128	Influence of microbial species and functional diversity in soils on pathogen dispersal and ecosystem processes in organic and conventional agroecosystems	\$167,842	Jean Ristaino North Carolina State University
LS01-120	Long-Term, Large-Scale Systems Research Directed Toward Agricultural Sustainability	\$230,000	Dr.J. Paul Mueller North Carolina State University
LS01-126	Sustaining Ecological and Economic Diversity Among Limited Resource Landholders by Expanding Opportunities for Management of Productive Woodlands	\$180,431	Sarah Warren North Carolina State University
LS01-122	The Importance of Genetics: Assessing the Immunological Health of Standard Turkey Varieties vs. Industrial Turkey Stocks and Its Implications for Sustainable Turkey Production Systems	\$18,052	Donald Bixby American Livestock Breeds Conservancy
LS00-109	Increasing Growers' Quality of life through Direct Marketing: The Role of Farmers' Markets and Consumer Supported Agriculture	\$45,000	Susan Andreatta University of North Carolina at Greensboro William Wickliffe, II North Carolina State Cooperative Extension
LS00-110	The Impact of Agricultural Systems on Soil Quality and Sustainability	\$191,263	Mary Barbercheck North Carolina State University
LS99-106	Integrated Crop and Sylvan Systems with Swine: A State and National Initiative	\$156,262	Charles Talbott NCA&T University
LS98-094	A Model for Long-Term, Large-Scale Systems Research Directed Toward Agricultural Sustainability	\$256,604	Dr.J. Paul Mueller North Carolina State University
LS98-091	Development of Decision Support Systems for Improvement of Silvicultural Practices on Farm-Based Non-Industrial Private Forests	\$26,204	Frederick W. Cabbage Forestry Department, North Carolina State University
LS97-086	Equal Access to Agriculture Programs and Opportunities	\$151,290	David Harris Land Loss Prevention Project
LS97-085	Impacts on Agricultural Sustainability from Structural Change in Peanut, Poultry, Swine and Tobacco Production Systems	\$174,858	Hal Hamilton Center for Sustainable Systems
LS96-077	Development of Sustainable Cropping Systems for Seedless Watermelon and Fall Lettuce in Rotation with Green Manures	\$182,751	M. R. Reddy NCA & T State University, Natural Resources and Environmental Design
LS95-060.1	Animal Waste, Winter Cover Crops, and Biological Antagonists for Sustained Management of Columbia Lance and Other Associated Nematodes on Cotton	\$96,691	Kenneth R. Barker North Carolina State University
LS95-065	Wildlife Enhancement and Education as a Catalyst in the Widespread	\$98,205	Peter Bromley North Carolina State University

	Implementation of Sustainable Agriculture Practices (Also listed as AS95-18)		
LS94-060	Animal Waste, Winter Cover Crops, and Biological Antagonists for Sustained Management of Nematodes on Cotton	\$46,721	Kenneth R. Barker North Carolina State University
LS94-059	Assessing the Impact of Beneficial Insect Populations on Organic Farms (AS94-013)	\$17,735	George Kennedy North Carolina State University
LS94-063	Regional Center for Sustainable Dairy Farming	\$180,497	Dr. Steven Washburn North Carolina State University
LS92-045	Organic Nitrogen Sources for Sweetpotatoes: Production Potential and Economic Feasibility	\$105,000	Wanda W. Collins North Carolina State University, Horticultural Science
LS91-032	Economically Viable Production of Vegetables in The Southern Region Using Low-input and Sustainable Techniques: A Data Base	\$37,000	Mary Peet North Carolina State University
LS91-035	Improved Nitrogen Use-Efficiency in Cover Crop Based Production Systems	\$179,992	Michael G. Wagger North Carolina State University
LS90-026	Swine Waste -- Low-cost Alternative to Commercial Fertilizer for Production of Forage for Grazing Cattle	\$50,000	Dr. J. Paul Mueller North Carolina State University
LS89-018	Composting Poultry Litter -- Economics and Market Potential of a Renewable Resource	\$15,000	L. M. Safley, Jr. North Carolina State University
LS89-014	On-Farm Demonstrations and Research of Low-input Sustainable Farming	\$100,000	William W. Dow Carolina Farm Stewardship Association
LS88-009	A Comparison of Cropping Systems Managed Conventionally or with Reduced Chemical Input	\$255,000	Larry King North Carolina State University
LS88-005	Planning Funds for a Proposal on Extending the Issue of Sustainable Agriculture to Small Farms in North Carolina, Tennessee and Virginia	\$15,000	M. Ray McKinnie North Carolina A & T State University
LS88-006	Planning Grant: On-farm Demonstration of Low-input Farming	\$15,000	William W. Dow Carolina Farm Stewardship Association

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
ES14-124	Strengthening University Local Food Systems: Train the Trainer Approach through Extension, Student, and Food Service Collaboration	\$78,547	Noah Ranells North Carolina A&T State University
ES13-115	Building Local Food Systems: Training the Trainers, Peer Collaboration, and Materials Development	\$64,113	S. Gary Bullen N.C. State University
ES13-119	Moving the NC Local Food System	\$79,063	Joanna Massey Lelekacs

	Toward Sustainability: A Comprehensive Graduate course in Local Food Systems for Cooperative Extension Agents, Specialists, and other Educators		NC State University / CEFS
ES10-104	Back to Basics: Training the Trainers at the Eastern Apicultural Society Conference	\$22,313	Dr.David Tarp North Carolina State University
ES10-103	Building Capacity: Farm to School	\$78,303	Emily Jackson Appalachian Sustainable Agriculture Project
ES10-105	Multiple Livestock Species Integrated Parasite Management Train-the-Trainer Programs with On-Farm, Computer-based and Traditional Training Sessions	\$86,105	Dr.Niki Whitley NC A&T SU Cooperative Extension Program
ES09-095	Training the Trainers in Community-based Food Systems: a project-oriented case study team approach	\$99,266	Dr.Nancy Creamer North Carolina State University
ES08-093	Agritourism Training for Agriculture Professionals	\$82,986	Kent Wolfe CAED
ES08-090	An agent Training Program in Safe Food Handling & Legal Liability	\$77,344	Diane Ducharme NCSU
ES08-092	Energy Training for Agricultural Professionals in the Southern SARE Region	\$97,684	Mike Morris National Center for Appropriate Technology Steve Moore Center for Environmental Farming Systems
ES06-083	Pasture Pork 101: Comprehensive Agent Training in Pasture-based Hog production	\$62,500	Todd See North Carolina State University
ES05-079	Direct Market Training for Agricultural Professionals	\$96,757	S. Gary Bullen N.C. State University
ES05-078	Sustainable Production Systems for Range-Reared Standard Turkeys	\$109,444	Marjorie Bender American Livestock Breeds Conservacy
ES03-065	Building Sustainable Soil Systems	\$119,848	Wilfred Cromartie SARE
ES03-066	Producer Managed Efforts in Marketing of Livestock & Livestock Products	\$89,400	John O'Sullivan Cooperative Extension Program
ES01-058	Sustaining Agriculture through Community Partnerships	\$49,884	Robin Kohanowich Central Carolina Community College
ES00-047	Training in Alternative Research Strategies for Sustainable Farming Systems	\$101,800	Noah Ranells NCSU (former staff) Phil Rzewnicki NCSU

			Keith Baldwin NC A&T State University
ES99-043	Multimedia Training Resources on Sustainable Greenhouse Vegetable Production	\$39,887	Mary Peet North Carolina State University
ES98-040	Grazing Management Training to Enhance the Sustainability of Pasture-Based Beef Production Systems	\$31,745	Jim Green North Carolina State University, Crop Science Dept.
ES98-039	Multi Disciplinary Training on Pasture-Based Dairy Systems - A Sustainable Alternative for the Region	\$53,429	Dr. Steven Washburn North Carolina State University
ES98-042	Training in Agriculture Program (TAP)	\$17,890	Dorothy Barker Operation Spring Plant, Inc.
ES97-025	Building Capacity in Sustainable Agriculture: A Comprehensive Training Program in Organic Farming Systems	\$97,500	Dr. Nancy Creamer North Carolina State University
ES97-014	Southern Region Sustainable Ag Training Consortium	\$116,723	Roger G. Crickenberger North Carolina State University
LST94-001	Southern Region Sustainable Agriculture Training Consortium (LST96-8)	\$199,620	Roger G. Crickenberger North Carolina State University

FARMER/RANCHER GRANTS

Project #	Project Title	SARE support	Project Leaders
FS13-268	Closed Loop Mushroom Production on 100% Waste Substrate	\$7,623	joseph allawos Asheville Fungi
FS13-274	Comparing Season Extension Mechanisms on Winter Green Production in the Southern Appalachian Mountains	\$3,737	Paul Littman Ivy Creek Family Farm
FS13-264	Pastured Rabbit Integrated Farming Project	\$2,000	Michelle Bernard Spellcast Farm
FS13-265	Sustainable Forages as an Alternative to Supplemental Feeding	\$9,798	Ryan Higgs Blue Ridge Apiaries
FS12-260	Encouraging Expanded Organic Sweet Potato Production in North Carolina	\$15,000	John Kimber NC SweetPotato Commission Foundation
FS11-252	Impact of Supplemental Feed Type on Winter Survival of Honey Bee Colonies	\$9,957	Barry Harris, Jr. Silver Spoon Apiaries, Inc
FS10-244	Sustainable Honeybee Strains for Western North Carolina	\$9,959	Ryan Higgs Blue Ridge Apiaries
FS09-240	Early growing season strategy	\$3,482	Hollis Wild Appalachian Trees

FS09-237	Growing Organic Hops for the Local Market	\$8,268	Rita Pelczar Blue Ridge Hops
FS09-232	Natural Controls for Honey Bee Pests	\$10,000	Scott Barlow
FS09-239	Wasabi Production	\$8,649	Deidra Smith Amy Sue Blum SARE Southern Region
FS08-230	Building Capacity for Pastured Poultry Production in Western North Carolina	\$7,755	Casey McKissick
FS07-220	Meeting the Needs of Microbreweries with Fresh Hops Production	\$9,762	Linda Sakiewicz
FS07-216	Season Extension for Winter CSA and Restaurant Sales	\$5,829	Annie Louise Perkinson
FS06-206	A Diversifying and Marketing Strategy for Sustaining Small Farm Agriculture	\$9,976	Nancy C. Moretz
FS06-199	Capillary Irrigation for Container Nurseries: a practical alternative to overhead irrigation?	\$9,867	Ellen J. Colodney, M.D. Coastal Plain Conservation Nursery, Inc
FS06-197	Increasing Economic Viability and Promoting Sustainable Agriculture through Agritourism	\$7,485	Amy Ager Hickory Nut Gap Farm – Spring House Meats
FS06-211	Value from byproducts of the Southern Wine Grape Industry	\$9,925	Ben Webb Sandy Cross Vineyard
FS04-185	Farmstead Cheese (Queso Blanco) for the Latino Food Market	\$4,361	Tom Shore
FS03-171	Dairy Goat Woodland Grazing Project	\$9,900	Brit Pfann 144 Celebrity Dairy Way
FS03-175	Greenhouse Grown Fraser Fir Tree Seedlings	\$7,401	Justin Wells Sugar Grove Botanical Farm, Inc.
FS03-163	Managing Beneficial Insects and Using Pest Trap Crops in Organic Broccoli	\$9,950	Charles A. Church Watauga River Farms
FS03-167	Mountain Tailgate Market Association Marketing Initiative	\$14,280	Charlie Jackson Mountain Tailgate Market Association
FS03-170	Short- and Long-term Crop Replacement Project	\$9,787	Phyllis Kenlaw 104 Best Drive

FS03-164	Test Growing & Marketing Specialty Woody Cutflowers	\$8,555	Susan Wright Cochran Shady Grove Gardens & Nursery
FS02-152	Biodiverse-Organic Christmas Tree Production	\$9,333	Mark Lackey
FS02-146	Farmscaping Organic Broccoli to Increase Beneficial Insect Numbers	\$9,855	Charles A. Church Watauga River Farms
FS01-132	Ginseng Production Utilizing Natural Fungicides	\$9,986	Robert A. Eidus Eagle Feather Farm
FS00-114	Creating a Tailgate Farmers Market	\$4,380	Annie Louise Perkinson
FS00-128	Direct Marketing Opportunities to Improve Economic Outlook	\$9,050	Andy Youngblood
FS99-085	Effects of Cover Crops on Weed and Insect Management in Blackberries	\$9,935	Sam Bellamy Indigo Farm
FS99-105	Low Cost Compost Screening	\$2,975	Carl Weston
FS99-097	Oriental Persimmons and Pawpaws: Two Sustainable Crops for the South	\$6,534	Lesley Sanderson
FS99-091	Ratite Marketing Education Program	\$7,250	Tina Hurdt
FS99-096	Use of Low Value Hardwoods for Shiitake Mushroom Production	\$1,929	Walker H. Rayburn, Jr.
FS98-076	Development of Low Input Sustainable Practices for Rose Production	\$2,690	Jacqueline I. Jones
FS98-078	High-Fructose Corn Syrup as a Replacement for Mepiquat to Reduce Vegetative Growth in Cotton	\$2,224	Hubert Morris
FS98-068	Late Blight Suppression in Tomatoes Using Competing Fungi on Leaf Surfaces	\$5,800	Tom Elmore Thatchmore Farm
FS98-083	Organic Specialty Lettuce Production in Tobacco Greenhouses	\$7,455	John Vollmer
FS98-071	Workshop on Parasite Control Through On-Farm Fecal Studies	\$6,545	Susan Gladin
FS97-051	Effect of Different Application Rates of	\$2,317	John Hart

	Swine Lagoon Effluent on Corn and Wheat		
FS97-048	Evaluation of Mycorrhizal Inoculation on Growth and Quality of Three Eastern North Carolina Christmas Tree Species	\$650	Daniel Dorsey
FS97-054	Forest Site Preparation with Swine	\$5,088	Thomas Livingston
FS96-044	Alternatives to Chemicals in the Peanut Cotton Rotation	\$9,366	Hubert Morris
FS96-035	Aquaculture Conversion Model Emphasizing Poultry and Hog Facilities Re-Use and Recycled On-Farm Resources	\$6,000	Benny Bunting
FS96-037	Identification of Cover Crops to Enhance the Habitat of Specific Beneficial Insects in Sustainable Production Systems	\$8,452	Kenny Haines Misty Morning Farm
FS96-038	Multiple On-Farm Use of Aquatic Plants and Animals	\$9,575	Harvey Harman Sustenance Farm
FS95-027	Demonstration of High Value, Small Scale Sustainable Vegetable and Fruit Production Methods	\$9,612	Larry & Judy McPherson
FS95-034	Hydroponic Vegetable Production in Conjunction with a Trout Farming Operation	\$9,975	Carl Zietlow Best Trout and Organic Farm
FS94-008	Meat Goats for Weed Control and Alternative Income on Cattle Operations	\$2,020	Tony Kern KC Ranch
FS94-007	Perennial Warm Season Grasses as Summer Pasture	\$733	Norman and Karen Jordan
FS94-013	Plant Shelters to Extend the Growing Season for Herbs	\$3,550	Richard Morgan Harmony Herb Farm

GRADUATE STUDENT GRANTS

Project #	Project Title	SARE support	Project Leaders
GS16-156	Integrating Pest & Pollinator Management in Southern Berry Production	\$10,921	Dr.Hannah Burrack North Carolina State University
GS15-140	Farm-to-Childcare in North Carolina; A Holistic Case Study	\$10,636	J. Dara Bloom NC State University
GS15-142	Food Waste: Quantifying on-farm vegetable losses	\$10,206	Dr.Nancy Creamer North Carolina State University Lisa Johnson North Carolina State University
GS14-135	Identifying regionally adapted winter pea	\$10,957	Rachel Atwell

	and faba bean genotypes that maximize grain and cover cropping potential		North Carolina State University
GS14-132	Production of a conditional sterile-male strain for the control of spotted-wing drosophila	\$10,890	Fu-Chyun Chu North Carolina state university
GS13-121	Identifying barriers to sustainable food production by low resource producers and purchase by low income consumers in Washington and Beaufort Counties, North Carolina	\$7,614	Kimberly Hill Duke University
GS12-115	Breeding Wheat for Increased Weed-Suppressive Ability against Italian Ryegrass	\$10,952	Margaret Worthington NCSU
GS12-112	Contributions of legume cover crop root systems to soil carbon pools in organic systems using different termination strategies	\$10,997	Arun Jani North Carolina State University
GS11-099	Plant mediated effects on parasitoid efficacy in a banker plant system	\$9,930	Dr. Steven Frank North Carolina State University
GS11-104	Potential for Conservation Biological Control of Stink bugs in North Carolina	\$9,735	Sriyanka Lahiri North Carolina State University
GS11-102	Verticillium Wilt Management: Elucidating Mechanisms of Resistance and Integration of Sustainable Alternatives in Tomato Production Systems	\$9,970	Dr. Frank Louws North Carolina State University
GS10-094	Evaluation of Herbal Remedies as Alternatives to Antibiotic Therapy in Dairy Cattle	\$9,990	Dr. Steven Washburn North Carolina State University
GS10-091	Managing field borders for weed seed predators	\$9,856	Dr. S. Chris Reberg-Horton North Carolina State University Aaron Fox North Carolina State University
GS10-088	Predictors of short-term nitrogen availability in organic farming systems that utilize warm season cover crops	\$10,000	Suzanne O'Connell North Carolina State University
GS10-089	The Black Pearl Pepper Banker Plant for Biological Control of Thrips in Commercial Greenhouses	\$9,959	Sarah Wong North Carolina State University
GS09-078	Evaluating vermicompost mediated host plant resistance as a sustainable alternative to manage agricultural insect pests	\$9,810	Yasmin Cardoza North Carolina State University Amos Little North Carolina State University
GS08-076	Chemistry and Biodegradability of Dissolved Soil Organic Matter in Diverse Farming Systems	\$9,850	Dr. Wei Shi North Carolina State University Lei Tian
GS08-068	Elucidating the role of cellulases involved in biological control of Phytophthora root rot	\$9,931	George Place North Carolina State University
GS08-067	Southeastern North Carolina Food	\$10,000	Leslie Hossfeld

Systems Project

University of North Carolina Wilmington

GS08-073	TRAITS OF INTEREST FOR IMPROVING WEED SUPPRESSIVE ABILITY IN SOYBEAN DURING THE CRITICAL PERIOD FOR WEED COMPETITION	\$9,972	Kelly Ivors North Carolina State University
GS07-058	Cover crop mulches for no-till organic onion production	\$10,000	Dr.Nancy Creamer North Carolina State University
GS07-062	Omega-3 Purslane Eggs	\$10,000	Laura Vance NCSU Crop Science Department
GS07-060	Potential of grafting to improve nutrient management of heirloom tomatoes on organic farms	\$10,000	Suzanne O'Connell North Carolina State University
GS06-051	Effects of management practices and plant growth regulators on the allelopathic potential of rye (<i>Secale cereale</i>)	\$9,780	Christine Sickler North Carolina State University
GS06-052	Testing Technologies for Affordable Bioshelters	\$9,914	Marie Hoepfl Appalachian State University
GS06-055	Why do farmers adopt conservation practices? Do green payments help? A case study of the Lower Roanoke, North Carolina	\$9,999	Lucy Henry Duke University Nicholas School of the Environment
GS05-046	Inducing Disease Resistance and Increased Production in Organic Heirloom Tomato Production Through Grafting	\$10,000	Cary Rivard North Carolina State University
GS04-035	Effects of Tillage, Rotation, and Organic Inputs on Soil Ecological Properties in Vegetable Crop Production Systems	\$9,998	Greg Hoyt Dept. of Soil Science, NCSU
GS04-032	Optimizing substrates, composts, and fertilizer additions for organic transplant production	\$10,000	Mary Peet North Carolina State University
GS03-028	Evaluation of Beneficial Insect Habitat for Organic Farms	\$10,000	David Orr North Carolina State University
GS03-027	Natural Vegetation and its Influence on Weed Populations in Neighboring Fields	\$9,932	Susan T. Jelinek North Carolina State University Dr.J. Paul Mueller North Carolina State University
GS01-008	Breeding a better cover crop: a screen of rye germplasm for weed suppression	\$9,986	Dr.Nancy Creamer North Carolina State University
GS00-006	Evaluation of Cover Crops and Conservation Tillage for Conventional and Organic Sweetpotato (<i>Ipomoea batatas</i>) Production in North Carolina	\$9,927	Dr.Nancy Creamer North Carolina State University Danielle Treadwell North Carolina State University
GS00-004	Interactions between predators and insect-parasitic nematodes in soil	\$10,000	Mary Barbercheck North Carolina State University

ON-FARM RESEARCH/PARTNER GRANTS

Project #	Project Title	SARE support	Project Leaders
<u>OS10-055</u>	Increasing on-farm sustainability through agritourism research: An examination of agritourism visitors, farms, and marketing strategies	\$15,000	Dr.Samantha Rich North Carolina State University
<u>OS10-052</u>	Optimizing biological control of greenhouse pests with banker plant systems	\$14,959	Steven Frank NCSU
<u>OS09-050</u>	Development and Implementation of On-Farm Biological Soil Disinfestation to Manage Soilborne Diseases In Organic Strawberry Production Systems	\$15,000	Dr.Frank Louws North Carolina State University
<u>OS09-046</u>	Grafting Heirloom Tomatoes on Disease Resistant Rootstock in Western North Carolina	\$4,960	Susan Colucci NC Cooperative Extension
<u>OS08-042</u>	New Tools to Make Organic No-till Soybeans and Corn a Reality	\$14,917	Dr.S. Chris Reberg-Horton North Carolina State University
<u>OS07-038</u>	On-Farm Biofuel Production from Sweet Sorghum Juice	\$14,898	Matthew Veal North Carolina State University
<u>OS06-032</u>	Opportunities for pasture-raised Jersey beef in the Southeast	\$14,952	Dr.Steven Washburn North Carolina State University
<u>OS05-025</u>	Salmonella Contamination and Antibiotic Resistance on Pastured Poultry and Conventional Poultry Farms	\$9,542	Cedarose Siemon Independent Research Scientist

COMMUNITY INNOVATION GRANTS

Project #	Project Title	SARE support	Project Leaders
<u>CS15-092</u>	How Local Food System Development Affects the Sustainability of Agriculture: The Impact of Farmer-Consumer Interactions on Production Practices	\$34,830	Charlie Jackson Appalachian Sustainable Agriculture Project
<u>CS12-088</u>	Community Farm & Food Project Phase II - Initiation	\$9,996	Allison Kiehl Southern Appalachian Highlands Conservancy
<u>CS11-086</u>	Community Farm and Food Project Phase I - Assessing Needs and Building Partnerships	\$10,000	Allison Kiehl Southern Appalachian Highlands Conservancy
<u>CS10-082</u>	Farming and Agricultural Recommendations for Mount Pleasant (F.A.R.M.)	\$10,000	Stacy Piehl Town of Mount Pleasant Michael Robertson Town of Mount Pleasant
<u>CS10-079</u>	PolkFresh TradePost Project: A Strategy to Implement Polk County's 20/20 Vision plan for Sustainable Community Development	\$10,000	Carol Lynn Jackson PolkFresh TradePost Project
<u>CS09-070</u>	Stecoah Kitchen Entrepreneurship & Agri-tourism Project	\$10,000	Beth Fields

			Stecoah Valley Arts, Crafts & Educational Center, Inc.
CS08-063	SNAP! A Sustainable Network at Polk From Farm to Fork and back to Farm again	\$10,000	Mary Lyth
CS07-055	Stecoah Kitchen Entrepreneurship & Agri-Tourism Project	\$10,000	Beth Fields Stecoah Valley Arts, Crafts and Educational Center
CS06-045	Establishing community and business partnerships to build a market identity for local seafood	\$9,950	Jennifer Ulz Carteret Community College
CS06-050	Getting your small farm products to market / a three county program to solve product logistics: marketing/sales, product development, packages and labeling, transportation	\$40,000	David Kendall North Carolina Cooperative Extension
CS05-033	Women Farmers Building a Healthy Community and Economy in the High Country	\$9,900	Chelly Richards Blue Ridge Women in Agriculture (BRWIA)
CS04-021	A Strategy for Sustaining Henderson County Agricultural Communities	\$8,500	Lori Sand Henderson County Planning Department
CS04-027	Agricultural Community Support Across Boundaries	\$10,000	Tom Elmore Land-of-Sky Regional Council
CS04-030	Healthy Livestock Agriculture & Healthy People: Connecting Local Pasture-Raised Food and Consumers in Central North Carolina	\$10,000	Sally Norton Program on Integrative Medicine
CS03-018	New River Sustainable Agriculture Marketing Plan	\$10,000	Hollis Wild Appalachian Trees
CS03-009	Strengthening Rural Communities Through Direct Marketing	\$9,941	Gerry Alfano Park and Recreation-Greensboro Farmers Curb Market Susan Andreatta University of North Carolina at Greensboro
CS02-005	SE North Carolina Agri-Tourism Corridor Development	\$7,000	Mikki Sager The Conservation Fund

MATCHING GRANTS

Project #	Project Title	SARE support	Project Leaders
MS09-002	Taking it Statewide: Growing Sustainable Good Systems Capacity and Outcomes across North Carolina	\$14,950	Dr.Nancy Creamer North Carolina State University

**Total funding from the USDA SARE program to
North Carolina
\$10,763,419**



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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