
AGRICULTURE PROJECTS FUNDED IN TENNESSEE
by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2008

Summary: Tennessee has received \$1,528,244 to support 38 projects, including eight research and/or education projects, four extension projects and 16 producer-led projects. Tennessee also has received additional SARE support through multi-state projects.

State sustainable agriculture extension coordinator(s): Clark Garland, University of Tennessee
Agric. Ext. Service
Roy Bullock, Tennessee State University
Small Farm & IPM

Project #	Project Title	SARE support	Project Leader	Organization
LS05-172	Forage systems for the sustainable production of uniform goat carcasses	\$200,000.00	Richard Joost	Dept Agric & Natur Res Univ of Tennessee at Martin
LS03-152	Improving Organic Crop Production with Enhanced Biofumigation and Composting Systems	\$273,440.00	Carl Sams	The Univ of Tennessee-Dept Plant Science & Landscape Systems
LS03-147	Bioactive Natural Products: A feasible method of organic disease management in float bed production systems	\$19,883.00	Kimberly D. Gwinn	University of Tennessee-Dept Entomology & Plant Pathology
LS95-068	Using Farm Family Studies to Teach Sustainable Agriculture	\$146,630.00	Tim Cross	University of Tennessee, Ag Economics
LS94-064	Development of Sustainable Area-Wide Weed Management Practices for Improved Land Utilization (AS93-08)	\$3,760.00	Jerome F. Grant	University of Tennessee, Entomology & Plant Pathology
LS93-052	Utilization of Dairy Manure in Low-input, Conservation Tillage Animal Feed Production Systems	\$90,635.00	Michael D. Mullen	University of Tennessee, Plant and Soil Science

Project #	Project Title	SARE support	Project Leader	Organization
AS93-008	Development of Suitable Area-Wide Weed Management Practices for Improved Land Utilization (LS94-064)	\$165,000.00	Jerome F. Grant	University of Tennessee, Entomology & Plant Pathology
LS90-022	Influence of Integrated Pest Management (IPM) On Low-input Sustainable Agriculture (LISA) in the Southern Region	\$25,000.00	Charles H. Hadden	University of Tennessee

PROFESSIONAL DEVELOPMENT PROJECTS

ES03-069	Training Educators to Protect Honey Bee Pollinators with Sustainable Pest Management	\$126,648.00	John Skinner	University of Tennessee Ag Ext Service
ES02-061	A Statewide Journey of Sustainable Success: Hands-On Training	\$48,000.00	Rob Holland	University of TN Ag. Extension Service
ES97-029	Implementing Tennessee's Strategic Plan for Sustainable Agriculture: Utilizing On-Farm Case Studies for Teaching Advanced Management and Marketing to Extension Staff	\$10,000.00	Clark D. Garland	University of Tennessee Agricultural Extension Service
LST94-004	Sustainable Dairy Systems Manual and Training	\$90,000.00	Clark D. Garland	University of Tennessee Agricultural Extension Service

GRANTS TO FARMERS

FS07-221	Natural Comb Management of Honey Bees for Varroa Control	\$15,000.00	Michael Wilson	Anderson County Beekeepers Association (ACBA)
FS07-214	Sustainable Low-Cost Heating for Season Extension Structures	\$14,928.00	Steve Hodges	Clinch Appalachian Farm Enterprises
FS06-200	Establishing Natural Controls of Competitive Fungi in the Production of Shiitake Mushrooms	\$8,832.00	James Day	
FS06-203	A Demand-Driven Approach to Specialty Crop Market Development	\$12,324.00	Dianne Levy	Appalachian Spring Cooperative
FS05-189	Salsa Pepper Project	\$9,660.00	Sara Gardner	

Project #	Project Title	SARE support	Project Leader	Organization
FS05-188	Aquaculturally Derived Products as Fertilizers for High-value Organic Crop Production	\$9,953.00	Marc Cardoso	
FS04-181	Selection of Hygienic Honey Bee Queens Resistant to Tracheal Mites	\$9,987.00	Edwin Holcombe	
FS02-155	Cooperating for Success: Building a Value-added Marketing Cooperative for Advantage in the Marketplace	\$15,000.00	Paul Miller	Appalachian Spring Cooperative Clinch-Powell Community Kitchens
FS02-157	Northern Tennessee Farmer's Association Cooperative Farmers Market Project	\$13,755.00	Michael Osborne	Northern Tennessee Farmer's Association Cooperative
FS01-131	Fungicidal Effects of Compost Tea on Organic Strawberry Production.	\$9,814.00	John Dysinger	Bountiful Blessings Organic Farm
FS99-103	Evaluating the Cost of Row Crop Production using Precision Farming Technologies	\$7,816.00	J. Tucker	
FS99-087	The Effect of Municipal Compost on Christmas Trees	\$6,985.00	Curtis Buchanan	
FS96-043	Sustainable Cultivation of Medicinal Herbs as a Cash Crop Alternative to Tobacco	\$5,004.00	Paul D. Miller	Tamsen Farm
FS96-042	Low Input Sustainable Agriculture Short Course	\$9,650.00	Alexander McGregor	
FS96-045	Grazing Alternatives to Tall Fescue for Stocker Cattle	\$9,982.00	Chris Pitts	
FS94-012	Swine Lagoon Management System	\$10,000.00	Kenneth Moore	
Community Innovation				
CS07-056	“Gathering” of Homestead Economic and Entrepreneurs of Food Based, Organic Foods and Other Related Businesses	\$10,000.00	Martha Pile	University of Tennessee Extension of Montgomery County
CS06-048	Schools + Potatoes Upper East Tennessee Development System (SPUDS)	\$39,762.00	Steve Hodges	Jubilee Project

Project #	Project Title	SARE support	Project Leader	Organization
CS06-049	Appalachian Sustainable Agriculture and Energy Project	\$40,000.00	John Jackson	Appalachian Native Plants, Inc.
CS02-004	Homegrown, From Our Farms to Your Table, Growing a Farmers' Cooperative in East Tennessee	\$6,436.00	Steve Hodges	Jubilee Project, Inc., w/ Appalachian Spring Coop.

Graduate Student Grants

GS08-077	Providing habitat for native pollinators and determination of native pollinator contribution to pollination of cucurbits and blueberries at farm sites	\$10,000.00	Michael Wilson	University of Tennessee, Knoxville
GS04-038	Determining Cost-Effectiveness of Best Management Practices in Sustainable Watershed Management: A Decision-Making Tool for Restoring Bullrun Creek	\$9,910.00	Joanne Logan	University of Tennessee Biosystems Engineering and Environmental Science
GS02-016	Collaborative Learning by Family Farmers: A Participatory Model of Agriculture Alternatives	\$9,540.00	John Peters	The University of Tennessee
GS01-011	Suppression of Soilborne Phytopathogenic Fungi of Tomatoes via Integrated Production Systems that Utilize Biofumigation	\$10,000.00	Carl Sams	University of Tennessee
GS00-002	Control of Soil borne Plant Pathogens of Tomatoes with Incorporation of Indian Mustard	\$10,000.00	Stephanie Harvey	University of Tennessee

On-Farm Grants

OS02-002	Specialty Flowering Bulbs as a Sustainable Alternative Crop for Tobacco Farmers in Middle Tennessee	\$14,910.00	Stephen Garton	Univ of Tennessee
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Total funding from USDA SARE program to Tennessee = \$1,528,244

For further information on projects, contact Sue Blum, Southern Region Communications Assistant, 770-229-3350, sueblum@uga.edu, or Dena Leibman, SARE National Communications Specialist, communications@sare.org, 301-504-5230.

SARE is a national USDA program that provides competitive grants, educational materials and extension programs to develop and support approaches that enhance profits, protect the environment and improve rural quality of life.