
AGRICULTURE PROJECTS FUNDED IN TEXAS
by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2011

Summary: Texas has received \$3,849,880 to support 60 projects, including but not limited to, 22 research and/or education projects, four extension projects and 19 producer-led projects. Texas also has received additional SARE support through multi-state projects.

State sustainable agriculture extension coordinator(s): Diane Boellstorff, Texas A&M University -
 Dept of Soil & Crop Sciences
 Nelson Daniels, Prairie View A&M University

Project #	Project Title	SARE support	Project Leader	Organization
LS11-238	Long-term AgroEcosystems Research and Adoption in the Texas Southern High Plains	\$329,999.00	Vivien Gore Allen	Texas Tech University
LS10-229	Integrated Crop and Livestock Systems for Enhanced Soil Carbon Sequestration and Microbial Diversity in the Semiarid Texas High Plains	\$160,000.00	Jennifer Moore Kucera	Texas Tech University
LS08-202	Crop-livestock Systems for Sustainable High Plains Agriculture	\$200,000.00	Vivien Gore Allen	Texas Tech University Dept Plant & Soil Sciences
LS08-208	Marketing of locally produced sustainable animal fiber products	\$140,000.00	Gwendolyn Hustvedt	Texas State Univ-San Marcos Dept Family & Consumer Sci.
LS07-201	Pigeon pea: a multipurpose, drought resistant forage, grain and vegetable crop for sustainable southern farms	\$200,000.00	John Sloan	Texas AES – TAMU Dallas
LS05-175	Sustainable and profitable control of invasive species by small ruminants	\$178,000.00	James P. Muir	Texas A&M University
LS03-144	Expanding the Marketing Opportunities for Organic Growers in Texas	\$19,924.00	Douglas H. Constance	Sam Houston State University-Dept of Sociology
LS03-150	Sustainable and profitable control of invasive species by browsing goats on small farms	\$14,199.00	James P. Muir	TX Ag Exp. Station

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LS02-131	Forage/Livestock Systems for Sustainable High Plains Agriculture	\$251,805.00	Vivien Allen	Texas Tech Univ, Dept of Plant and Soil Science
LS00-117	System for Value Added Export for Manure Nitrogen and Phosphorus through Turfgrass Sod	\$149,726.00	Donald Vietor	Texas A&M Univ - Soil and Crop Sciences Dept.
LS99-100	Systems for Sustainability of Alfalfa Production on Acid, Coastal Plain Soils Using Various Harvesting Strategies	\$149,750.00	Vincent Haby	Texas AES
LS99-108	System for Conserving and Adding Value to Manure Sources of Nutrients in Turf-grass Sod	\$16,854.00	Donald Vietor	Texas A&M - Soil And Crop Sciences
LS98-097	Introducing Alternative Crops Into Traditional Cotton-Grain Farming to Aid Transition To "Freedom to Farm" Agriculture	\$114,279.00	Roland E. Roberts	Texas A&M University Research and Extension Center
LS97-082	Sustainable Crop/Livestock Systems in the Texas High Plains	\$222,125.00	Vivien G. Allen	Texas Tech University
LS95-069	Managing Soil Phosphorous Accumulation From Poultry Litter Application Through Vegetable/Legume Rotations	\$135,000.00	D. R. Earhart	Texas Agricultural Experiment Station
AS94-014	Forage, Biomass and Biogas Integrated Systems for Animal Waste Management	\$101,180.00	Matt Sanderson	Texas A&M University Agricultural Research and Extension Center
LS94-058	Post-CRP Land Management and Sustainable Production Alternatives for Highly Erodible Land in the Southern Great Plains	\$196,100.00	Thanh Dao	USDA-ARS-CRPL
LS92-047	Farm Scale Evaluation of Alternative Cotton Production Systems	\$60,000.00	William M. Lyle	Texas Agricultural Experiment Station
LS92-048	Developing Environmentally Sound Poultry Litter Management Practices for Sustainable Cropping Systems	\$140,000.00	D. R. Earhart	Texas Agricultural Experiment Station
LS89-015	Enhancement of the Stability of Southern Region Agroecosystems Through Profitable Transition to Sustainable Agriculture	\$121,989.00	Keith Jones	Texas Department of Agriculture

Project #	Project Title	SARE support	Project Leader	Organization
LS88-010	Solarization and Living Mulch to Optimize Low-Input Production Systems for Small Fruits (88-87-4)	\$80,000.00	Charles Long	Texas A & M University
LS88-002	Whole-farm Low/Reduced Input Farming Systems and Educational Program	\$90,000.00	Hoover Carden	Prairie View A & M University

PROFESSIONAL DEVELOPMENT PROJECTS

ES06-086	Southern Region Educator Trainings in Eight Farming Systems using unique tools and approaches	\$123,751.00	David Zodrow	S-SAWG
ES99-045	Achieving Rangeland Sustainability through Total Resource Management	\$157,061.00	C. Wayne Hanselka	Texas Agricultural Extension Service
ES97-036	Sustainable Agriculture Training Initiative for Texas	\$70,136.00	Nancy Roe	Texas A&M Research and Extension Center
LST94-002	Environmentally and Economically Sustainable Use of Rangeland	\$72,570.00	James F. Cadenhead	Texas A & M Research and Extension

GRANTS TO FARMERS

FS10-246	Low Cost Geothermal Greenhouse Heating System for Southern Climates	\$9,999.00	Tanya Miller	
FS07-219	Treating Soil Compaction Using Woven Weed Fabric	\$9,886.00	Roy Riddle	South Plains Food Bank Farm & Garden Division
FS06-198	Evaluation of Mulches for Organic Cantaloupe Production in Semi-Arid Regions	\$9,855.00	John Chandler	
FS06-205	Cover Crop Optimization for Sustainable Forage Systems on a Southern Dairy Farm	\$9,872.00	Neil R. Miller	World Hunger Relief, Inc.
FS05-190	Addressing Cedar Infestations Using Animal Impact to Increase Forage Production and Improve Soil Health	\$14,987.00	Peggy Cole	Holistic Resource Management of Texas, Inc.
FS05-196	Weed Control for Row Crops Using Corrugating Linerboard/Medium Paper	\$7,399.00	Michael E. Tolbert	The Landowners Association of Texas Tyler Chapter

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FS03-174	Goat Range-Nutrition Performance Test	\$13,113.00	Marvin F. Shurley	American Meat Goat Association
FS03-161	Sustainable Pastured Layer Research Project	\$14,992.00	Graciela Alvarado	Texas/Mexico Border Coalition
FS02-151	Increase Soil Organic Matter in Citrus Soils	\$8,112.00	Jim Hoffmann	
FS01-142	Pepitas de Ajo; Permanent Ground Cover in Garlic Production.	\$14,132.00	Lydia Villanueva	Communities Approaching Sustainability with Agroecology
FS99-090	Crop Rotation and Rotational Grazing Study	\$9,876.00	Ken Graff	
FS99-088	Internal Parasite Resistance Selection Method for Sheep	\$4,844.00	Ray Cloudt	
FS98-075	An Intensive Marketing Workshop for Growers and Ranchers	\$7,561.00	Sue Johnson	Texas Organic Growers Association
FS97-050	Effects of Conservation Tillage on Water Quality in Southern Texas	\$8,000.00	Charles Eubanks	Cameron County Field Crops Committee
FS97-053	Cool Season and Warm Season Grasses to Stabilize Erodible Soils and Increase Profitability	\$10,000.00	David Kearney	Wichita County Field Crops Committee
FS96-036	Native Warm Season Grasses As Alternative Hay Source to Annual Sorghum/Sudan Grasses on Family-Operated Goat Dairy	\$9,640.00	Lee B. Dexter	White Egret Farm
FS95-021	Pecan IPM Using Black-Eyed Peas as a Trap Crop	\$4,000.00	Kyle Brooksheir	
FS94-010	Site Specific Applications of Seed/Fertilizer/Chemicals	\$10,000.00	Ricky & Becky Meinen	
FS94-001	Controlling Aphids with Harmonia Lady Beetle in Pecan Orchards	\$4,600.00	Cindy Wise	Texas Pecan Growers Assoc.

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Community Innovation				
CS10-076	Investing in Community Linkages to Improve our Food System	\$10,000.00	Jay Crossley	
CS10-081	Establishing Sustainable Agriculture & Community Development in Elgin Texas	\$10,000.00	Amy Miller	
CS03-012	Sustainable Agriculture Innovations Lead to Rural Success	\$10,000.00	Gayla Kessinger	Canutillo Independent School District
Graduate Student Grants				
GS11-107	Managing Climate Change on Apple Orchards	\$9,954.00	James Veteto	University of North Texas
GS11-108	Evaluating functional diversity in an organic intercropping system	\$10,000.00	Astrid Volder	Texas A&M University
GS08-070	The fate of the finca: Smallholders in the Hispanic Caribbean	\$10,000.00	Katia Aviles-Vazquez	University of Texas at Austin
GS07-056	Allelopathic effects of small grain cover crops on cotton plant growth and yields	\$10,000.00	Vivien Allen	Texas Tech University Dept Plant and Soil Science
GS07-064	Cropping systems for sustainable nutrient management and dairy production	\$10,000.00	Ronnie Schnell	Texas A&M University Soil & Crop Science Department 370 Olsen Blvd.
GS03-021	Development of methodology to measure net feed efficiency in bulls to enhance profitability and environmental sustainability of beef production	\$10,000.00	Gorden Carstens	Texas A&M University Animal Science Dept
GS02-012	Optimizing water use for three old world bluestems in the Texas High Plains	\$10,000.00	Vivian Allen	Texas Tech Univ., Dept Plant & Soil Sci.
On-Farm Grants				
OS10-053	BIOLOGICAL CONTROL OF SALT CEDAR ON WEST TEXAS RANCHES CONSERVES FORAGE AND WATER RESOURCES	\$14,965.00	Allen Knutson	Texas AgriLife Extension Service

Project #	Project Title	SARE support	Project Leader	Organization
OS06-031	Use of Guar (<i>Cyamopsis tetragonolaba</i> (L.) Taub) for cover crop rotation and green manuring	\$15,000.00	Russell Wallace	Texas AgriLife Extension Service
OS05-023	Livestock and Feedstock: Distillers Grain and Fuel Ethanol	\$15,000.00	Peggy Gates Korth	Water Assurance Technology Energy Resources
OS04-021	Comparison of Stockpiled Bermudagrass + Annual Ryegrass and Traditional Hay-Only Winter Feeding Practices	\$14,645.00	Larry Redmon	Texas A&M University
OS02-006	Evaluation and maintenance of sustainable systems for alfalfa production and marketing strategies on Coastal Plain soils	\$15,000.00	Larry Redmon	Texas A&M Univ Agric R&E Center

Total funding from USDA SARE program to Texas = \$3,849,880

For further information on projects, contact Candace Pollock, Southern Region Communications Specialist, 770-412-4786, cpollock@uga.edu, or Dena Leibman, SARE National Communications Specialist, communications@sare.org, 301-405-7955.

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.