



AGRICULTURE PROJECTS FUNDED IN LOUISIANA

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

Louisiana has been awarded \$1,663,441 grants to support 36 projects, including but not limited to, 9 research and/or education projects, 5 professional development projects and 6 producer-led projects. Louisiana 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 |
|--------------------------|---|--------------|---|
| LS14-266 | Breed types and cover crops provide alternatives for sustainable year-round supply of forage-fed beef for small farms in the Gulf Coast region: Research and on-farm demonstrations | \$171,988 | Dr. Guillermo Scaglia LSU AgCenter |
| LS10-230 | Improving fall vegetable crops and soils with summer cover crops | \$245,000 | Dr. Carl Motsenbocker Louisiana State University AgCenter |
| LS09-219 | Development of agroforest systems for bioenergy crop production and ecosystem services in the lower Mississippi Alluvial Valley | \$180,000 | Dr. Hal Liechty School of Forest Resources, University of Arkansas |
| LS09-221 | Maximizing profitability, sustainability, and carbon sequestration of no-till forage systems for finishing beef cattle in the Gulf Coast region | \$136,000 | Dr. Guillermo Scaglia LSU AgCenter |
| LS05-179 | Defining the feasibility and environmental impact of applying poultry litter to forests of the Western Gulf region | \$14,520 | Michael Blazier Louisiana State University AgCenter |
| LS05-180 | Expanding the Marketing Opportunities for Minority and Limited Resource Farmers in Louisiana and Mississippi | \$15,000 | Anna Kleiner Department of Sociology and Criminal Justice |
| LS00-115 | Establishing Sustainable Production and Information Exchange Systems for Limited Resource Farmers in Louisiana | \$167,525 | Andrew W. Smiley BREADA |
| LS99-103 | Pastured poultry and vegetable production: An integrated approach | \$89,800 | James McNitt Southern University and A&M College |
| LS89-016 | Development of a Low-Input Multiple Cropping System for Small-Scale Farms | \$100,000 | Owusu Bandele Southern University, Louisiana |

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

| Project # | Project Title | SARE support | Project Leaders |
|---------------------------|--|---------------------|--|
| ES14-122 | Sustainable Row Crop Irrigation Management in Louisiana | \$69,167 | Dr. Stacia Davis LSU AgCenter |
| ES14-123 | Training for Agricultural Professionals on Sustainable Agriculture Programs Available to Limited Resource Farmers and Ranchers | \$79,875 | Kenneth McMillin Louisiana State University Agricultural Center |
| LST96-009 | Management Intensive Grazing: Foundation of Sustainable Agriculture in the South | \$33,762 | H. Alan DeRamus University of Southwest Louisiana |
| LST96-010 | Sustainable Small-Scale Agricultural Development Training Project | \$25,701 | Adell Brown Southern University |
| LST94-003 | Management Intensive Grazing: Foundation of Sustainable Agriculture in the South (LST96-009) | \$63,461 | H. Alan DeRamus University of Southwest Louisiana |

FARMER/RANCHER GRANTS

| Project # | Project Title | SARE support | Project Leaders |
|--------------------------|---|---------------------|---|
| FS16-293 | Dairy Goat Study: Sericea Lespedeza – A Cost Effective Way to Boost Milk Production | \$8,955 | Tiffany Lockhart Farmer |
| FS14-282 | Correlating Nitrogen Application Rates in Sugarcane With Low-Cost Normalized Difference Vegetation Index (NDVI) | \$9,198 | Gerald McCollam Ellendale Farms LLC |
| FS11-251 | Quality Calf Project | \$15,000 | Edith Gross Louisiana Ranchers and Growers Association |
| FS08-222 | Use of Crawfish and Crab Waste as an Organic Fertilizer and Protein Feed | \$10,000 | Shane Carmichael |
| FS00-107 | Use of Winter Cover Crops and Summer Soil Solarization in Sustainable Vegetable Production Systems | \$9,981 | Owusu Bandele Food for Thought Farm |
| FS00-110 | Impact of Louisiana Native Coastal Prairie Habitat on Beneficial Insect Populations | \$9,288 | Terry Bordelon |

GRADUATE STUDENT GRANTS

| Project # | Project Title | SARE support | Project Leaders |
|--------------------------|--|---------------------|--|
| GS18-194 | Investigating the Role of Plant Tolerance as Defense Against Rice Water Weevil in Irrigated Drill-seeded Rice in Louisiana | \$16,471 | Michael Stout James Villegas |
| GS16-158 | Soil Health of a Warm-Season Perennial Pasture Over-seeded with Cool-Season Annuals | \$11,000 | Dr. Lisa Fultz Louisiana State University Kathleen Bridges |

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| GS11-103 | Effects of High Tunnels on Lettuce, Parsley and Cilantro in the Deep South | \$10,000 | Dr.Carl Motsenbocker Louisiana State University AgCenter Robert Williams LSU |
| GS09-085 | Evaluation of Simplicillium lanosoneum as a Biological Control Agent | \$9,734 | M. C. Aime Louisiana State University Agricultural Center Dr.Raymond Schneider Louisiana State University Agricultural Center Nicole Ward Louisiana State University Agricultural Center |
| GS09-083 | Effect of copper oxide wire particles compared to copper sulphate on Haemonchus contortus infection in lambs | \$10,000 | Dr.James Miller Louisiana State University Javier Garza Louisiana State University |
| GS08-071 | Effect of sericea lespedeza leaf meal pellet supplementation on Haemonchus contortus infection in grazing ewes | \$10,000 | Dr.James Miller Louisiana State University Dana Pollard Louisiana State University |
| GS07-059 | Effect of a grazing sericea lespedeza as a treatment padock for controlling natural nematode infection in lambs | \$10,000 | Dr.James Miller Louisiana State University Allyson Moscona Louisiana State University |
| GS05-047 | Effect of a condensed tannin containing forage (sericea lespedeza), fed as pellets, on natural and experimental challenge nematode infection in lambs | \$10,000 | Dr.James Miller Louisiana State University Leigh Ann Chafon Louisiana State University |
| GS02-015 | Evaluation and Characterization of Reaction Products from Ozonated Aflatoxin Contaminated Corn | \$10,000 | Joan King LSU Agricultural Center Alfredo Prudente LSU Agricultural Center |

ON FARM RESEARCH/PARTNERSHIP GRANTS

| Project # | Project Title | SARE support | Project Leaders |
|--------------------------|--|--------------|--------------------------------------|
| OS14-085 | Management Impact on Sustainability of Native Legume Component of Warm-season Grass Pastures | \$14,308 | Dr.Montgomery Alison LSU AgCenter |

SUSTAINABLE COMMUNITY INNOVATION GRANTS

| Project # | Project Title | SARE support | Project Leaders |
|--------------------------|---|--------------|--|
| CS05-036 | The Farmer as Entrepreneur | \$9,950 | Mike Tarantino Iberia Industrial Development Foundation |
| CS04-022 | Linking Small-Farm Agriculture to Community Development Efforts in Northern Louisiana | \$9,980 | Elizabeth Higgins LA Tech University Center for Rural Development |

PDP STATE PROGRAM GRANTS

| Project # | Project Title | SARE support | Project Leaders |
|---------------------------|-------------------------------|--------------|---|
| SLA17-001 | SLA17-001 Model State Program | \$44,444 | Dr.Carl Motsenbocker Louisiana State University AgCenter Mila Berhane Southern University Agcenter |
| SLA17-002 | SLA17-002 Model State Program | \$11,111 | Mila Berhane Southern University Agcenter |

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| SLA16-001 | 2016-2017 Model State Program Louisiana State University | \$11,111 | Dr. Carl Motsenbocker Louisiana State University AgCenter |
| SLA16-002 | 2016-2017 Model State Program Southern University Agricultural Research and Extension Center | \$11,111 | Mila Berhane Southern University Agcenter |

**Total funding from the USDA SARE program to
Louisiana
\$1,663,441**



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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