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.

State Sustainable Agriculture Coordinators:

Mila Berhane
Southern University
milagro_berhane@suagcenter.com

Carl Motsenbocker
LSU AgCenter
cmotsenbocker@agcenter.lsu.edu
(225) 578-1036

RESEARCH AND EDUCATION GRANTS

<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE support</th>
<th>Project Leaders</th>
</tr>
</thead>
</table>
| 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

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

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

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>GS18-194</td>
<td>Investigating the Role of Plant Tolerance as Defense Against Rice Water Weevil in Irrigated Drill-seeded Rice in Louisiana</td>
<td>$16,471</td>
<td>Michael Stout</td>
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<td>James Villegas</td>
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<tr>
<td>GS16-158</td>
<td>Soil Health of a Warm-Season Perennial Pasture Over-seeded with Cool-Season Annuals</td>
<td>$11,000</td>
<td>Dr. Lisa Fultz</td>
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<tr>
<td></td>
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<td></td>
<td>Louisiana State University</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>Kathleen Bridges</td>
</tr>
</tbody>
</table>
### Effects of High Tunnels on Lettuce, Parsley and Cilantro in the Deep South

**Project #**: GS11-103  
**Title**: Effects of High Tunnels on Lettuce, Parsley and Cilantro in the Deep South  
**SARE Support**: $10,000  
**Project Leaders**:  
- Dr. Carl Motsenbocker  
- Louisiana State University AgCenter  
- Robert Williams  
- LSU

### Evaluation of Simplicillium lanosoniveum as a Biological Control Agent

**Project #**: GS09-085  
**Title**: Evaluation of Simplicillium lanosoniveum as a Biological Control Agent  
**SARE Support**: $9,734  
**Project Leaders**:  
- M. C. Aime  
- Louisiana State University Agricultural Center  
- Dr. Raymond Schneider  
- Louisiana State University Agricultural Center  
- Nicole Ward  
- Louisiana State University Agricultural Center

### Effect of copper oxide wire particles compared to copper sulphate on Haemonchus contortus infection in lambs

**Project #**: GS09-083  
**Title**: Effect of copper oxide wire particles compared to copper sulphate on Haemonchus contortus infection in lambs  
**SARE Support**: $10,000  
**Project Leaders**:  
- Dr. James Miller  
- Louisiana State University  
- Javier Garza  
- Louisiana State University

### Effect of sericea lespedeza leaf meal pellet supplementation on Haemonchus contortus infection in grazing ewes

**Project #**: GS08-071  
**Title**: Effect of sericea lespedeza leaf meal pellet supplementation on Haemonchus contortus infection in grazing ewes  
**SARE Support**: $10,000  
**Project Leaders**:  
- Dr. James Miller  
- Louisiana State University  
- Dana Pollard  
- Louisiana State University

### Effect of a grazing sericea lespedeza as a treatment padock for controlling natural nematode infection in lambs

**Project #**: GS07-059  
**Title**: Effect of a grazing sericea lespedeza as a treatment padock for controlling natural nematode infection in lambs  
**SARE Support**: $10,000  
**Project Leaders**:  
- Dr. James Miller  
- Louisiana State University  
- Allyson Moscona  
- Louisiana State University

### Effect of a condensed tannin containing forage (sericea lespedeza), fed as pellets, on natural and experimental challenge nematode infection in lambs

**Project #**: GS05-047  
**Title**: Effect of a condensed tannin containing forage (sericea lespedeza), fed as pellets, on natural and experimental challenge nematode infection in lambs  
**SARE Support**: $10,000  
**Project Leaders**:  
- Dr. James Miller  
- Louisiana State University  
- Leigh Ann Chafton  
- Louisiana State University

### Evaluation and Characterization of Reaction Products from Ozonated Aflatoxin Contaminated Corn

**Project #**: GS02-015  
**Title**: Evaluation and Characterization of Reaction Products from Ozonated Aflatoxin Contaminated Corn  
**SARE Support**: $10,000  
**Project Leaders**:  
- Joan King  
- LSU Agricultural Center  
- Alfred Prudente  
- LSU Agricultural Center

### On Farm Research/Partnership Grants

<table>
<thead>
<tr>
<th>Project #</th>
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</tr>
</thead>
</table>
| 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

<table>
<thead>
<tr>
<th>Project #</th>
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</tr>
</thead>
</table>
| 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

<table>
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<tr>
<th>Project #</th>
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<th>SARE Support</th>
<th>Project Leaders</th>
</tr>
</thead>
</table>
| 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 |
| 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.

Sustainable Agriculture Research and Education (SARE) is funded by USDA's National Institute of Food and Agriculture (NIFA).