What is SARE?

Since 1988, the Sustainable Agriculture Research & Education (SARE) program has been the go-to USDA grants and outreach program for farmers, ranchers, researchers and educators who want to develop innovations that improve farm profitability, protect water and land, and revitalize communities. To date, SARE has awarded over $389 million to more than 8,542 initiatives.

SARE is grassroots with far-reaching impact

Four regional councils of expert practitioners set priorities and make grants in every state and island protectorate.

SARE communicates results

SARE shares project results by requiring grantees to conduct outreach and grower engagement; and by maintaining an online library of practical publications, grantee-produced information products and other educational materials.

SARE: Advancing the Frontier of Sustainable Agriculture in...

Arkansas

Project Highlight: Maximizing Cover Crop Use in High Tunnels

Cover crops are becoming a vital tool in soil management, yet vegetable growers who use high tunnels may decline to plant them inside structures due to a variety of factors. In the warm indoor environment, cover crops could potentially provide habitat for overwintering pests. Economically, the benefits may not seem clear since there are fewer off-season periods for a cover crop to fill and growers in such a capital-intensive system may not want to use valuable ground for a crop that has no immediate return.

Funded by a SARE grant, University of Arkansas graduate student Luke Freeman sought to determine the optimum timing for planting cover crops in Southern high tunnels to minimize the negatives and maximize the benefits. Cover crops can be beneficial in high tunnels for reducing nitrogen fertilizer use and improving soil quality. Since local growers stated that mid-November through mid-February was the least productive season, Freeman researched four winter cover crops, followed by summer tomatoes and fall broccoli, during that time period.

He found that winter peas contributed a greater amount of biomass nitrogen than all other treatments. This led to a 48 percent increase in mean tomato yield compared to the control. Sharing these results gives Southern high tunnel vegetable growers a better understanding of the benefits of cover crops.

For more information on this project, see sare.org/projects, and search for project number GS14-136.

SARE in Arkansas

southern.sare.org/sare-in-your-state/arkansas

$7,603,049 in total funding

108 grant projects

(since 1988)

For a complete list of grant projects state by state, go to www.sare.org/state-summaries
SARE Grants in Arkansas

Total awards: 108 grants
- 35 Research and Education
- 5 Sustainable Community Innovation
- 18 Professional Development Program
- 10 Farmer/Rancher
- 21 Graduate Student
- 13 On Farm Research/Partnership
- 6 Education Only

Total funding: $7,603,049
- $5,438,908 Research and Education
- $49,829 Sustainable Community Innovation
- $1,283,398 Professional Development Program
- $105,200 Farmer/Rancher
- $234,284 Graduate Student
- $209,458 On Farm Research/Partnership
- $281,972 Education Only

Find a complete list of projects on page 3.

SARE's Impact

53 percent of producers report using a new production technique after reading a SARE publication.

79 percent of producers said they improved soil quality through their SARE project.

64 percent of producers said their SARE project helped them achieve higher sales.

Learn about local impacts at: southern.sare.org/sare-in-your-state/arkansas

Contact Your SARE State Coordinator

SARE sustainable ag coordinators run state-level educational programs for Extension and other ag professionals, and many help grant applicants and recipients with planning and outreach. Visit southern.sare.org/state-pages/arkansas to learn more.

Henry English
University of Arkansas at Pine Bluff
(807) 575-7246
englishh@uapb.edu

Amanda McWhirt
University of Arkansas Cooperative Extension
(501) 671-2229
amcwhirt@uada.edu

For detailed information on SARE projects, go to www.SARE.org

SARE is funded by the USDA’s National Institute of Food and Agriculture (NIFA).

This report includes summaries of competitive grant programs only. Some competitive grant programs that are no longer offered may be included or excluded from the totals in this report depending on the grant program and SARE region.
Arkansas has been awarded $7,603,049 grants to support 105 projects, including but not limited to, 32 research and/or education projects, 18 professional development projects and 10 producer-led projects. Arkansas has also received additional SARE support through multi-state projects.

### RESEARCH AND EDUCATION GRANTS

<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
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</thead>
<tbody>
<tr>
<td>LS22-363</td>
<td>Grazing with the Fun Guy (Fungi) - Small Ruminant Worm Control</td>
<td>$371,000</td>
<td>Dr. Joan Burke&lt;br&gt;USDA, Agricultural Research Service&lt;br&gt;Thomas Terrill&lt;br&gt;Fort Valley State University&lt;br&gt;Dr. Adriano Vatta&lt;br&gt;Louisiana State University&lt;br&gt;Dr. Niki Whitley&lt;br&gt;Fort Valley State University</td>
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<tr>
<td>LS19-316</td>
<td>Forage Establishment and Management in Arkansas' Silvopasture for Small Beef Producers</td>
<td>$255,302</td>
<td>Dr. Dirk Philipp&lt;br&gt;University of Arkansas</td>
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<td>LS19-317</td>
<td>Innovative Nutrient Management Options for Sustainable Pasture Land Intensification</td>
<td>$296,352</td>
<td>Michael Popp&lt;br&gt;University of Arkansas</td>
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<tr>
<td>LS17-282</td>
<td>High Tunnel Grape Production Systems: A Novel Sustainable Approach to Growing Grapes</td>
<td>$266,986</td>
<td>Renee Threlfall&lt;br&gt;University of Arkansas&lt;br&gt;Dr. M. Elena Garcia&lt;br&gt;University of Arkansas Division of Agriculture</td>
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<tr>
<td>LS16-274</td>
<td>The Impact of Mineral Particle Film on Blackberry Diseases and Insects, and Primocane Fruit Quality and Yield</td>
<td>$174,290</td>
<td>Sherri Sanders&lt;br&gt;University of Arkansas CES</td>
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<tr>
<td>LS16-276</td>
<td>Validating Sustainability/Resilience and Quality of Life Indices to Identify Farm- and Community-Level Needs and Research and Education Opportunities</td>
<td>$203,560</td>
<td>Dr. James Worstell&lt;br&gt;Delta Land &amp; Community</td>
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<td>LS13-259</td>
<td>Participatory assessment of progress, barriers and opportunities for sustainability in Southern agricultural systems</td>
<td>$100,000</td>
<td>Dr. James Worstell&lt;br&gt;Delta Land &amp; Community</td>
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<tr>
<td>LS12-250</td>
<td>Extending the Market Season with High Tunnel Technology for Organic Fruit Production</td>
<td>$214,948</td>
<td>Dr. Curt Rom&lt;br&gt;University of Arkansas</td>
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<td>LS10-226</td>
<td>Integrating Free Range Poultry with Ruminant and Agroforestry Production in a Systems Approach</td>
<td>$210,000</td>
<td>Dr. Anne Fanatico&lt;br&gt;Appalachian State University</td>
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<td>LS08-204</td>
<td>Sustainable control of gastro-intestinal nematodes in organic and grass-fed small ruminant production systems</td>
<td>$230,000</td>
<td>Dr. Joan Burke&lt;br&gt;USDA, Agricultural Research Service</td>
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<td>LS05-176</td>
<td>Best management practices for organic orchard nutrition</td>
<td>$200,000</td>
<td>Dr. Curt Rom&lt;br&gt;University of Arkansas</td>
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<td>Project Code</td>
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<td>LS04-160</td>
<td>Using Parasitoids in an Integrated Pest Management Approach to Control Flies</td>
<td>$288,000</td>
<td>Kelly Loftin</td>
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<tr>
<td>LS04-166</td>
<td>Increasing the effectiveness of assisting farmers with sustainable on-farm</td>
<td>$15,860</td>
<td>Keith Richards</td>
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<td>LS04-167</td>
<td>The Southern Region Organic Fruit Production Initiative: Identifying Barriers,</td>
<td>$15,555</td>
<td>Dr. Curt Rom</td>
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<td>Needed Research, Markets, and Opportunities</td>
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<td>LS03-145</td>
<td>Technical and Economic Analysis of the Potential for Conversion of Poultry</td>
<td>$17,448</td>
<td>Michael Evans</td>
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<td></td>
<td>and Swine Production Facilities to Greenhouses and Mushroom Houses</td>
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<td>LS02-133</td>
<td>Rotational Grazing on Land Receiving Manure Applications; Impacts of Land</td>
<td>$195,972</td>
<td>Jeff Birkby</td>
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<td></td>
<td>Management Practices on Soil and Water Quality</td>
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<td>LS01-130</td>
<td>Building from excellent agents to effective organizers of collaborative,</td>
<td>$19,990</td>
<td>Dr. James Worstell</td>
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<td></td>
<td>sustainable rural enterprise</td>
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<td>LS00-113</td>
<td>Whole Farm Planning for Grass-fed Beef</td>
<td>$214,069</td>
<td>Ann Wells</td>
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<tr>
<td>LS98-095</td>
<td>Intergenerational Education for Sustainable Agriculture</td>
<td>$176,240</td>
<td>Savannah Williams</td>
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<tr>
<td>LS98-096</td>
<td>Integrating Farmer-driven, Value-added Enterprises Into Sustainable Agricultural Systems</td>
<td>$120,590</td>
<td>Keith Richards</td>
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<tr>
<td>LS96-076</td>
<td>Integration of Pastured Poultry Production Into the Farming Systems of Limited Resource Farmers</td>
<td>$149,624</td>
<td>Skip Polson</td>
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<tr>
<td>LS95-067</td>
<td>The Development of Pasture-Based Swine Production Systems for Limited Resource Farms in the Mississippi Delta</td>
<td>$274,412</td>
<td>Bryant Stephens</td>
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<tr>
<td>LS94-061</td>
<td>Integrating Sustainable Forestry into Whole Farm Management of Minority and Limited Resource Landowners in Two Regions of Arkansas</td>
<td>$246,710</td>
<td>Erin Hughes</td>
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<td>LS92-049</td>
<td>Organic Soil Amendments of Agricultural By-Products for Vegetable Production Systems in the Mississippi Delta Region</td>
<td>$140,000</td>
<td>Tina Gray Teague</td>
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<td>LS91-038</td>
<td>Developing and Extending Minimum Input Strategies for Weed Control in Agronomic and Horticultural Crops</td>
<td>$100,000</td>
<td>Ford L. Baldwin</td>
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<tr>
<td>LS91-039</td>
<td>Use of Poultry Litter as a Soil Amendment in Southern Row Crop Agriculture: A Feasibility Study Based on Agronomic, Environmental, and Economic Factors (AS93-10)</td>
<td>$300,000</td>
<td>David M. Miller</td>
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<tr>
<td>LS91-040</td>
<td>Utilization of Winter Legume Cover Crops for Pest and Fertility Management in Cotton</td>
<td>$304,000</td>
<td>Craig S. Rothrock</td>
</tr>
</tbody>
</table>
LS90-023  A Mid-South Conference on LISA-Related Agroforestry Practices and Policies $18,000  D. Henderson  Winrock International Institute for Agricultural Development

LS89-019  Development of a Plan for Implementing a Low-input Sustainable Forage Production System in the Oklahoma-Arkansas Ozark Highland Region and Similar Land Areas $15,000  Douglas Butts  Soil Conservation Service

LS88-004  Planning Grant: Development of a Farmer/Extension/Research Network and Farming Systems Data Base for Low-Input Agriculture $15,000  Ted Jones  University of Arkansas

LS88-011  Developing and Extending Minimum Input Strategies for Weed Control in Agronomic and Horticultural Crops $190,000  Ford L. Baldwin  University of Arkansas, Cooperative Extension

LS88-011.2  Developing and Extending Minimum Input Strategies for Weed Control in Agronomic and Horticultural Crops $100,000  Ford L. Baldwin  University of Arkansas, Cooperative Extension

### PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
</tr>
</thead>
</table>
| SPDP22-08 | Sustainable Practices for Strawberry Production: Field Demonstration and Virtual Training Program for the Southeast | $71,481      | Dr. Amanda McWhirt  
University of Arkansas Cooperative Extension  
Troyce Barnett  
NRCS- Natural Resources Conservation Specialist  
Dr. Aaron Cato  
University of Arkansas  
Dr. Alejandro Rojas  
University Of Arkansas Division Of Agriculture |
| ES20-154  | Demystifying Regenerative Grazing and Soil Health                              | $79,866      | Nina Prater  
NCAT |
| ES20-155  | Utilizing Insect and Irrigation Monitoring to Enhance Sustainable Vegetable Production: Extension Educator Training for Arkansas | $69,328      | Dr. Aaron Cato  
University of Arkansas |
| ES17-135  | Integrating Cover Crops into Vegetable Production: Extension educator training for Arkansas | $72,493      | Dr. Amanda McWhirt  
University of Arkansas Cooperative Extension |
| ES13-116  | Increasing the Professional Technical Support for Local, Sustainable Food Distribution Systems in the Southern Region | $79,776      | Keith Richards  
Southern SAWG |
Southern SAWG |
| ES08-089  | Toolbox for Small Ruminant Educators: Building on the Small Ruminant Resource Manual | $61,523      | Linda Coffey  
National Center for Appropriate Technology (NCAT) |
| ES08-091  | Organic Dairy Training Conferences and Educational Materials for Professionals | $97,456      | Dr. Wayne Kellogg  
University of Arkansas |
| ES07-088  | Building Organic Agriculture Extension Training Capacity in the Southeast      | $195,000     | Heather Friedrich  
University of Arkansas  
Dr. M. Elena Garcia  
University of Arkansas Division of Agriculture |
ES04-076 Putting it all together: using livestock to manage natural resources $80,187 Teresa Mauerer NCAT

ES02-060 Enhancing Educator Knowledge of Sheep and Goat Production $49,998 Linda Coffey National Center for Appropriate Technology (NCAT)

ES00-051 Preparing Traditional Providers for Delivery of Sustainable Agriculture Information $8,976 Rex Dufour National Center for Appropriate Technology (NCAT)

ES99-044 Development of a Dairy Farm Sustainability Checksheet and Establishment of Distance Education Program for Training CES and NRCS Personnel to Work with Dairy Farmers $54,621 Ann Wells National Center for Appropriate Technology

ES98-038 Motivating Teams for Enterprise Facilitation $96,000 Dr. James Worstell Delta Land & Community

ES97-019 Nuisances in the Community: Training on the Issues and the Methods of Mediation $56,000 Jim Horne Kerr Center for Sustainable Agriculture Janie Simms Hipp National Center for Ag Law Research & Info, University of Arkansas

ES97-031 Development of Sustainability Checksheet, Manual and Workshops to Train Educators Planning Beef Programs $69,936 Ron Morrow NCAT/ATTRA

ES97-034 Multi-state Value-Added Team Building in the Northern Mississippi River Delta Region $20,000 Dr. James Worstell Delta Land & Community

LST96-013 Sustainable Agriculture Marketing through Collaborative Policy Development $40,900 Dr. James Worstell Delta Land & Community

FARMER/RANCHER GRANTS

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<th>Project #</th>
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<tbody>
<tr>
<td>FS23-346</td>
<td>Effects of Vermicast Extract and Cover Cropping on the Soil Food Web and Crop Health as Compared to Beds Treated with Conventionally Applied Compost</td>
<td>$8,433</td>
<td>Megan Thomas Samaritan Community Center</td>
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<tr>
<td>FS19-320</td>
<td>Implementation of Biointensive Organic Production Principles in Agroforestry Systems: An examination of efficacious cultivated berry and vegetable production in temperate forests through alley cropping and companion planting</td>
<td>$8,695</td>
<td>Krissy Waters Sunchild Flourish Co., LLC</td>
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<td>FS06-207</td>
<td>Networking Sheep and Goat Producers: Strength in Numbers</td>
<td>$10,000</td>
<td>Janice Neighbor</td>
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<tr>
<td>FS04-178</td>
<td>Farmers Working with Farmers to Establish Managed Grazing Systems</td>
<td>$14,740</td>
<td>Frank Bostwick Grassroots Grazing Group</td>
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<td>FS03-165</td>
<td>Economics of Plant Spacing on Tomato Yield and Quality</td>
<td>$7,378</td>
<td>Paul E. Cooper 100 East First</td>
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<tr>
<td>FS02-160</td>
<td>Small Dairy Business Plan for On-Farm Mini-Processing Facility</td>
<td>$9,980</td>
<td>Sam Ward</td>
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</table>
FS01-143  Biological Fly Control on Arkansas Dairies Utilizing Parasitoids  $15,000  Floyd Wiedower  Arkansas Dairy Cooperative Association

FS00-123  Cooperative Marketing of Organic Produce and Animal Products Direct to Consumers  $15,000  Margaret Carey  Organic Growers Assoc.

FS95-032  Native Pecan Orchard Management Using Best Management Practices  $5,986  Bill Wilson

FS94-015  Farmer-to-Farmer Transfer of Knowledge About Rotational Grazing  $9,988  Luane Schroeder

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**GRADUATE STUDENT GRANTS**

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<th>Project #</th>
<th>Project Title</th>
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</thead>
</table>
| GS23-294   | Investigating the potential influence of *Ganoderma Lucidium* on Gastrointestinal functionality and immune status of goats | $16,500      | Dr. Emmanuel Asiamah  
University of Arkansas at Pine Bluff  
Maxwell Mkunga  
University of Arkansas at Pine Bluff |
| GS21-250   | Utility of Native Floral Plantings Between Tree Rows for Conservation and Management of Wild Bees and Other Beneficial Insects in Tree Fruit Orchards | $14,817      | Dr. Neelendra Joshi  
University of Arkansas  
Lilia Beattie  
University of Arkansas System Division of Agriculture |
| GS19-207   | The Impacts of Native Plant Diversity on Native Bee Development and Soil Health | $13,101      | Dr. Neelendra Joshi  
University of Arkansas  
Olivia Kline  
University of Arkansas, Department of Entomology |
| GS19-208   | Evaluation of Different Ensiling Methods and the Effect on Feeding Value of the Residual Material from Edamame Soybean Processing | $16,500      | Dr. Beth Kegley  
University of Arkansas Division of Agriculture  
Ellen Herring  
University of Arkansas |
| GS19-218   | Educational Resources to Develop Value-added Products from Farmers Market Surplus | $14,475      | Renee Threlfall  
University of Arkansas  
Morgan Gramlich  
University of Arkansas |
| GS18-189   | Exploring Cover Crops in an Integrated Approach to Reduce Disease Pressure and Increase Beneficial Insects in Watermelon Production | $13,664      | Dr. Jackie Lee  
University of Arkansas Cooperative Extension Service  
Paige Rickman  
University of Arkansas |
| GS18-186   | Development of Native Pollinator Habitat within Livestock Pasture | $11,324      | Dr. Neelendra Joshi  
University of Arkansas  
Dr. Roshani Sharma Acharya  
University of Arkansas |
| GS16-154   | Kairomone-Based Control of Sesiid Borers in Peach Orchards | $2,066       | Dr. William Baltosser  
University of Arkansas at Little Rock  
Matthew Hetherington  
University of Arkansas at Little Rock |
| GS15-143   | Pollinator Communities On Native Emergent Wetlands, Managed Emergent Wetlands, and Adjacent Croplands in the Lower Mississippi Alluvial Valley of Arkansas | $11,000      | Ashley Dowling  
University of Arkansas  
Phillip Stephenson  
University of Arkansas |
| GS14-136   | Sustainable management of high tunnel organic vegetable production with short-season winter cover crops | $10,951      | Dr. Curt Rom  
University of Arkansas  
Luke Freeman  
University of Arkansas |
GS13-122 Improving lamb performance with sericea lespedeza and molybdenum $10,007 Dr.Charles Rosenkrans University of Arkansas Dr.Mohan Acharyya Lincoln University

GS13-123 Ground cover and organic nutrient management practices altering the denitrifier community in an organic apple orchard soil $11,000 Dr.Mary Savin University of Arkansas Jade Ford University of Arkansas

GS11-106 Evaluation of the Utility of Adding Artificial Bumble Bee Nesting Sites to Increase Pollination Services in a Small Farm Environment $9,000 Allen Szalanski University of Arkansas Amber Tripodi University of Arkansas

GS09-084 Microbial changes associated with use of brassica cover crops in a strawberry production system $9,971 Craig S. Rothrock University of Arkansas, Plant Pathology Dr.Terry Kirkpatrick University of Arkansas Mandy Cox University of Arkansas

GS07-061 Importance of Brassica soil amendments for managing soilborne disease in ornamentals and vegetables $9,944 Craig S. Rothrock University of Arkansas, Plant Pathology Kimberly Cochran University of Arkansas

GS05-048 The Effects of Different Organic Apple Production Systems on Seasonal Variation of Soil Properties and Foliar Nutrient Concentration $10,000 Dr.Curt Rom University of Arkansas

GS04-033 Impact of Potential Organic Pesticides and Potential Fruit Crop Load Regulators on Photosynthesis and Growth of Apple $10,000 Dr.Curt Rom University of Arkansas Jason D. McAfee University of Arkansas

GS03-026 Compatibility of Plant Defense Elicitors with Aphid- and Nematode-Resistant Tomato Varieties in Integrated Pest Management $10,034 William Cooper University of Arkansas Department of Entomology

GS03-029 Performance and Quality of Pasture-raised Poultry: Label Rouge - Type $9,940 Dr.Anne Fanatico Appalachian State University

GS03-030 Evaluation of Microbial Ecology in Pasture Ecosystems with Long-term Poultry Litter Additions $9,990 Dr.Mary Savin University of Arkansas Peter J. Tomlinson University of Arkansas - Fayetteville

GS01-010 Enhancing the Sustainability of Tall Fescue Forage Systems for Beef Cattle Production with Non-Toxic Endophyte Technology $10,000 Jane Parish Univ. of Arkansas Cooperative Extension Service

ON FARM RESEARCH/PARTNERSHIP GRANTS

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<tr>
<td>OS23-170</td>
<td>Fish in the Fields: Increasing Sustainability of Existing Rice Farming Practices with Supplemental Aquaculture</td>
<td>$30,000</td>
<td>Dr.Benjamin Runkle University of Arkansas, Fayetteville</td>
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<td>OS19-124</td>
<td>The Impact of Estimated Breeding Values on Parasite Resistance and Reduced Parasitism in Sheep</td>
<td>$15,000</td>
<td>Dr.Joan Burke USDA, Agricultural Research Service</td>
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<td>OS18-116</td>
<td>Cover Crop Effect on Nematode Activity in the Soil</td>
<td>$15,000</td>
<td>Matthew Davis University of Arkansas Jackson County Extension Service</td>
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<td>OS13-073</td>
<td>Investigation of Potential Biological Control Agents for Internal Parasite Control in Goats</td>
<td>$14,930</td>
<td>Dr.Yong Park University of Arkansas Pine Bluff</td>
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</table>
OS13-077 Establishment of native pollinator habitat in organic and conventional small ruminant pastures $15,000 Dr. Joan Burke USDA, Agricultural Research Service

OS12-064 An alternative organic strawberry production system grown vertically in high tunnels $15,000 Dr. M. Elena Garcia University of Arkansas Division of Agriculture

OS09-045 Identifying ewes resistant to gastrointestinal parasitic worms during gestation and lactation $14,866 Dr. Joan Burke USDA, Agricultural Research Service

OS08-044 The Use of Controlled Grazing, Chicory Pasture and Herbal Treatments to Prevent Parasitism in Sheep and Goats, Phase II $14,941 Dr. Ann Wells Heifer Ranch

OS07-036 Sensory Evaluation of Alternative Turkey Genotypes $14,962 Dr. Anne Fanatico Appalachian State University

OS07-039 The Use of Controlled Grazing and two Herbal Treatments to Prevent Parasitism in Sheep and Goats $14,967 Dr. Ann Wells Heifer Ranch

OS06-028 An alternative planting strategy for establishing clover in pastures $14,992 John Jennings University of Arkansas

OS05-024 Sustainable Grazing Systems for Arkansas: Native warm season grass establishment and control of cool season annual weeds $14,800 Ron Morrow USDA-NRCS

OS03-016 Use of Parasitoids and Passive Traps as Alternative Methods of Fly Control on Dairy Farms in Arkansas $15,000 Jodie A. Pennington University of Arkansas CES

**SUSTAINABLE COMMUNITY INNOVATION GRANTS**

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<td>CS12-089</td>
<td>Next Steps: Creating a Sustainable Farm to School Program</td>
<td>$10,000</td>
<td>Dana Smith Fayetteville Public Schools</td>
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<tr>
<td>CS11-085</td>
<td>Building a Model Farm to School Program using Community Partnerships</td>
<td>$10,000</td>
<td>Dr. Curt Rom University of Arkansas</td>
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<td>CS07-057</td>
<td>Integrating Nature into Agri-tourism</td>
<td>$9,950</td>
<td>Kathy Radomski Phillips Community College UA</td>
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<td>CS05-035</td>
<td>Assessing and Meeting the Growing Needs of Arkansas’ Women in Agriculture</td>
<td>$9,901</td>
<td>Dr. Jennie Popp University of Arkansas</td>
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<tr>
<td>CS03-014</td>
<td>Northwest Arkansas Local Food Initiative: Promoting All-Ozark Meals</td>
<td>$9,978</td>
<td>Julia Sampson ATTRA</td>
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**EDUCATION ONLY GRANTS**

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<tr>
<td>EDS23-051</td>
<td>Humane Handling Educational Resources for Farmers, Ranchers, and Small Processors</td>
<td>$46,000</td>
<td>Kelly Nuckolls, Esq., J.D., LL.M. LL.M. Program in Food and Agricultural Law Susan Schneider University of Arkansas Law School</td>
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<tr>
<td>Project Code</td>
<td>Project Title</td>
<td>Funding</td>
<td>Principal Investigators</td>
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</table>
| EDS23-052    | Cultivating Sustainable K-12 Agricultural Sciences Pathways through CommUniversity Partnerships | $46,000 | Dr. Jacquelyn Mosley  
University of Arkansas System Division of Agriculture  
Dr. Mike Daniels  
University of Arkansas System Division of Agriculture  
Katherine Dilley  
University of Arkansas  
Wendell Scales  
Arkansas Lighthouse Academies |
| EDS23-055    | Innovative Urban Ag Conference                                                 | $50,000 | Kesha Cobb  
The Sustainability Project |
| EDS21-28     | Regenerative Land and Livestock Management for Women                           | $49,972 | Linda Coffey  
National Center for Appropriate Technology (NCAT)  
Margo Hale  
NCAT |
| EDS18-03     | Taking Your Farm to the Next Level: Business and financial planning for sustainable farms and ranches | $47,000 | Margo Hale  
NCAT |
| EDS18-06     | Increasing Farm Profitability Through Whole Farm Record-Keeping and Analysis   | $43,000 | Elizabeth Young  
Southern SAWG |

**Total funding from the USDA SARE program to Arkansas**  
$7,603,049