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 $404 million to more than 8,776 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.

www.sare.org

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

Tennessee

Project Highlight: Cover Crops Help Manage Appletree Borer

The flatheaded appletree borer (FAB) is a significant economic pest in orchards, nurseries and urban landscapes, and in Tennessee’s production nurseries, red maples are one of the most problematic trees for FAB attacks. Determined to find a solution to this problem, Tennessee State University researcher Karla Addesso and her project team used a SARE grant to evaluate the efficacy of applying a winter cover crop to field-grown nursery red maple trees to act as a barrier to FAB oviposition, an aid to preventing leaching of imidacloprid (a commonly used insecticide) from the root zone of the trees, and as a natural weed suppression technique.

After trying a few mixes, the team determined that a ryegrass/crimson clover mix was extremely effective at camouflaging the tree trunks from the pest, making it less likely to lay eggs. The cover crops reduced pest attacks by 95 percent. In addition to acting as a barrier, the cover crop mix also reduced the temperatures of the tree trunks, making the trees a less preferable egg-laying site.

Based on their highly promising results, the team proposes a systems approach to in-field nursery tree production by incorporating a winter cover crop combined with optimized pesticide use to simultaneously maximize FAB control and plant growth while minimizing crop damage, weed competition and insecticide runoff.

For more information on this project, see sare.org/projects, and search for project number OS14-084.

SARE in Tennessee

southern.sare.org/state-profiles/tennessee/

$1,928,495 in total funding

22 grant project

(since 1988)

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

**Grants awarded**

2019–2024

Total awards: **22 grants**

- 3 Farmer/Rancher
- 4 Research and Education
- 1 Professional Development Program
- 2 On Farm Research/Partnership
- 7 Graduate Student
- 5 Education Only

Total funding: **$1,928,495**

- $33,221 Farmer/Rancher
- $1,443,986 Research and Education
- $79,998 Professional Development Program
- $40,000 On Farm Research/Partnership
- $114,899 Graduate Student
- $216,391 Education Only

Find a complete list of projects on page 3.

**Farmer and rancher impacts**

2019–2024

SARE grantees have reported the following impacts from their projects:

- **7,938 farmers participated in a SARE-funded project**
- **428 farmers reported a change in knowledge, awareness, skills or attitude**
- **35 farmers changed a practice**

Learn about local impacts at:

[southern.sare.org/sare-in-your-state/tennessee/](http://southern.sare.org/sare-in-your-state/tennessee/)

**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-profiles/tennessee/](http://southern.sare.org/state-profiles/tennessee/) to learn more.

- **Jason de Koff**
  - Tennessee State University
  - (615) 963-4929
  - jdekoff@tnstate.edu

- **Patrick Troy Dugger**
  - University of Tennessee
  - (931) 486-2777
  - pdugger2@utk.edu

- **Rob Holland**
  - University of Tennessee
  - (931) 486-2777
  - rwholland@utk.edu

For detailed information on SARE projects, go to [www.SARE.org](http://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.
AGRICULTURE PROJECTS FUNDED IN TENNESSEE
by USDA’s Sustainable Agriculture Research and Education (SARE) Program

Tennessee has been awarded $4,237,065 grants to support 85 projects, including but not limited to, 14 research and/or education projects, 7 professional development projects and 25 producer-led projects. Tennessee 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>
</tr>
</thead>
<tbody>
<tr>
<td>LS24-391</td>
<td>Improving Soil Health and Cropping Systems Sustainability through Cover Crops: An Integrated Research, Education, and Support Approach</td>
<td>$399,991</td>
<td>Dr. Samuel Haruna&lt;br&gt;Middle Tennessee State University&lt;br&gt;Dr. Song Cui&lt;br&gt;Middle Tennessee State University&lt;br&gt;Dr. Justin Gardner&lt;br&gt;Middle Tennessee State University&lt;br&gt;Dr. John Grove&lt;br&gt;University of Kentucky&lt;br&gt;Dr. Chaney Mosley&lt;br&gt;Middle Tennessee State University&lt;br&gt;Dr. Edwin Ritchey&lt;br&gt;University of Kentucky</td>
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<tr>
<td>LS23-376</td>
<td>Alley cropping agroforestry as a climate change resiliency strategy for vegetable production in the southeastern US</td>
<td>$367,000</td>
<td>Dr. David Butler&lt;br&gt;University of Tennessee, Knoxville&lt;br&gt;Dr. Avat Shekoofa&lt;br&gt;Dept. of Plant Sciences, University of Tennessee&lt;br&gt;Dr. Carlos Trejo-Pech&lt;br&gt;Dept. of Agric. &amp; Resource Economics, University of Tennessee&lt;br&gt;Dr. Margarita Velandia&lt;br&gt;Dept. of Agric. &amp; Resource Economics, University of Tennessee&lt;br&gt;Dr. Annette Wszelaki&lt;br&gt;Dept. of Plant Sciences, University of Tennessee&lt;br&gt;Le Chen&lt;br&gt;University of Tennessee</td>
</tr>
<tr>
<td>LS23-388</td>
<td>An Approach to Building a Sustainable Small Flock Poultry Operation Through Improvement in Nutrition, Food safety, and Marketing</td>
<td>$377,000</td>
<td>Dr. Pramir Maharjan&lt;br&gt;Tennessee State University</td>
</tr>
<tr>
<td>Project Number</td>
<td>Project Title</td>
<td>Funding</td>
<td>Principal Investigator(s)</td>
</tr>
<tr>
<td>----------------</td>
<td>--------------------------------------------------------------------------------</td>
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<td>------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| LS20-335       | Cover Crops and Cropping System Sustainability in a Changing Global Climate  | $299,995 | Dr. Samuel Haruna  
Middle Tennessee State University  
Dr. Song Cui  
Middle Tennessee State University  
Dr. Audrey Gamble  
Auburn University  
Dr. Seockmo Ku  
Middle Tennessee State University  
Dr. Chaney Mosley  
Middle Tennessee State University  
Dr. Edwin Ritchey  
University of Kentucky |
| LS18-287       | Cover Crops in Woody Ornamental Production: Impact on Plant Growth, Arthropod Pests, Soil-Borne Pathogens and Weeds  | $284,869 | Dr. Karla Addesso  
Tennessee State University |
| LS13-254       | Improving Fitness in Meat Goat Herds through Better Genetic Management         | $230,000 | Dr. Richard Browning, Jr.  
Tennessee State University |
| LS12-253       | Breeding Organic Corn varieties to resist GMO contamination                    | $48,183  | Dr. Dennis West  
University of Tennessee |
| LS05-172       | Forage systems for the sustainable production of uniform goat carcasses        | $200,000 | Richard Joost  
University of Tennessee at Martin |
| LS03-152       | Improving Organic Crop Production with Enhanced Biofumigation and Composting Systems | $273,440 | Carl Sams  
The University of Tennessee |
| LS03-147       | Bioactive Natural Products: A feasible method of organic disease management in float bed production systems | $19,883  | Kimberly Gwinn  
The University of Tennessee |
| LS95-068       | Using Farm Family Studies to Teach Sustainable Agriculture                    | $146,630 | 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   | 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  | Michael D. Mullen  
University of Tennessee, Plant and Soil Science |
| LS90-022       | Influence of Integrated Pest Management (IPM) On Low-input Sustainable Agriculture (LISA) in the Southern Region | $25,000  | Charles H. Hadden  
University of Tennessee |
### 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>
| SPDP23-022 | Sustaining Small Flock Poultry Producers Utilizing a Train-the-trainer Model on Identified Poultry Needs | $79,998      | Thomas Broyles  
Tennessee State University  
Dr.Pramir Maharjan  
Tennessee State University |
| ES18-141   | Soil SMaRTS (Specific Management and Resources Training for Sustainability) for Soil Health in Tennessee | $77,413      | Dr.Jason deKoff  
Tennessee State University |
| ES14-121   | Sustainable ACEs (Agriculture,Curricula,Energy) for Tennessee                 | $77,757      | Dr.Jason deKoff  
Tennessee State University |
| ES03-069   | Training Educators to Protect Honey Bee Pollinators with Sustainable Pest Management | $126,648     | Dr.John Skinner  
Univ. Tennessee |
| ES02-061   | A Statewide Journey of Sustainable Success: Hands-On Training                 | $48,000      | Rob Holland  
UT Extension |
| 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      | Dr.Clark Garland  
University of Tennessee |
| LST94-004  | Sustainable Dairy Systems Manual and Training                                 | $90,000      | Dr.Clark Garland  
University of Tennessee |

### FARMER/RANCHER GRANTS

<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
</tr>
</thead>
</table>
| FS22-342   | Improving the Cost-Efficacy of Silvopasture Establishment in the Southeast    | $12,771      | Wyn Miller  
Lick Skillet Farm |
| FS21-331   | Successional Mushroom Production: Farming Multiple Species of Mushrooms on One Substrate to Lower Input Cost, and Increase Revenue and Products Sold | $10,780      | David Wells, III  
Henosis |
| FS19-315   | A Study of the Effects of Black Woven Polypropylene on Soil Biota             | $9,670       | Tera Kurtz |
| FS18-310   | Increasing Farm Fertility and Profits with Mushroom Mulches                   | $9,774       | David Wells, III  
Henosis |
<table>
<thead>
<tr>
<th>Project Code</th>
<th>Project Title</th>
<th>Funding</th>
<th>Principal Investigator</th>
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<tbody>
<tr>
<td>FS17-297</td>
<td>Bacillus thuringiensis var. Israelensis as a Larvacidal on a Rotational Grazing System for Ruminants to Combat Haemonchus contortus</td>
<td>$10,000</td>
<td>Jo Ann Harris Farmer</td>
</tr>
<tr>
<td>FS17-295</td>
<td>Incorporating Conservation Solutions into Alternative Crop Transplant Systems</td>
<td>$9,999</td>
<td>Sarah Bellos Farmer</td>
</tr>
<tr>
<td>FS17-294</td>
<td>Adaptive Winter Squash</td>
<td>$1,822</td>
<td>Megan Allen Care of the Earth Community Farm</td>
</tr>
<tr>
<td>FS12-263</td>
<td>Selective breeding of honey bees for multiple traits with a priority on nosema disease resistance</td>
<td>$10,000</td>
<td>Michael Wilson Rosecomb Apiaries</td>
</tr>
<tr>
<td>FS10-241</td>
<td>Sustainable Cultivation of Plant-derived Indigo for Diversification and On-farm Value-added Dye Pigment Production</td>
<td>$9,871</td>
<td>Sarah Bellos Farmer</td>
</tr>
<tr>
<td>FS07-221</td>
<td>Natural Comb Management of Honey Bees for Varroa Control</td>
<td>$15,000</td>
<td>Michael Wilson</td>
</tr>
<tr>
<td>FS07-214</td>
<td>Sustainable Low-Cost Heating for Season Extension Structures</td>
<td>$14,928</td>
<td>Steve Hodges Clinch Appalachian Farm Enterprises</td>
</tr>
<tr>
<td>FS06-203</td>
<td>A Demand-Driven Approach to Specialty Crop Market Development</td>
<td>$12,324</td>
<td>Dianne Levy Appalachian Spring Cooperative</td>
</tr>
<tr>
<td>FS06-200</td>
<td>Establishing Natural Controls of Competitive Fungi in the Production of Shiitake Mushrooms</td>
<td>$8,832</td>
<td>James DAy</td>
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<tr>
<td>FS05-189</td>
<td>Salsa Pepper Project</td>
<td>$9,660</td>
<td>Sara Gardner</td>
</tr>
<tr>
<td>FS05-188</td>
<td>Aquaculturally Derived Products as Fertilizers for High-value Organic Crop Production</td>
<td>$9,953</td>
<td>Marc Cardosa</td>
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<tr>
<td>FS04-181</td>
<td>Selection of Hygienic Honey Bee Queens Resistant to Tracheal Mites</td>
<td>$9,987</td>
<td>Edwin Holcombe</td>
</tr>
<tr>
<td>FS02-157</td>
<td>Northern Tennessee Farmer’s Association Cooperative Farmers Market Project</td>
<td>$13,755</td>
<td>Michael Osborne Northern Tennessee Farmer’s Assn. Cooperative</td>
</tr>
</tbody>
</table>
### Cooperating for Success: Building a Value-added Marketing Cooperative for Advantage in the Marketplace

**Project Leader:** Paul Miller  
**Support:** $15,000  
**Organizational Affiliation:** Appalachian Spring Cooperative

### Fungicidal Effects of Compost Tea on Organic Strawberry Production

**Project Leader:** John Dysinger  
**Support:** $9,814  
**Organizational Affiliation:** Bountiful Blessings Organic Farm

### The Effect of Municipal Compost on Christmas Trees

**Project Leader:** Curtis Buchanan  
**Support:** $6,985

### Evaluating the Cost of Production of Row Crops Using Precision Farming Technologies

**Project Leader:** J. Tucker  
**Support:** $7,816

### Low Input Sustainable Agriculture Short Course

**Project Leader:** Alexander McGregor  
**Support:** $9,650

### Sustainable Cultivation of Medicinal Herbs as a Cash Crop Alternative to Tobacco

**Project Leader:** Paul D. Miller  
**Support:** $5,004  
**Organizational Affiliation:** Tamsen Farm

### Grazing Alternatives to Tall Fescue for Stocker Cattle

**Project Leader:** Chris Pitts  
**Support:** $9,982

### Swine Lagoon Management System

**Project Leader:** Kenneth Moore  
**Support:** $10,000

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### GRADUATE STUDENT GRANTS

<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
</tr>
</thead>
</table>
| GS23-282  | Role of Local Trichoderma spp. Isolates in Reducing Tomato Fusarium Wilt and Increasing Phosphorus Uptake                                 | $16,500      | Dr. David Butler  
University of Tennessee, Knoxville  
Caitlin Dalton  
University of Tennessee |
| GS23-288  | Ambrosia Beetles and Phytophthora cinnamomi Management Using Plant Defense Elicitors Under Flood Stress Condition                          | $16,500      | Dr. Fulya Baysal-Gurel  
Tennessee State University  
Madhav Parajuli  
Tennessee State University |
| GS23-289  | Enhancing Sustainability and Productivity of Organic Wheat-Soybean Double-Crop Systems in the Southeastern USA                               | $16,200      | Dr. Sindhu Jagadamma  
University of Tennessee  
Ravi Teja Neelipally  
University of Tennessee |
| GS23-296  | Identifying Genetic Sources of High Nutritive Value in a Panel of American Southern Pea (Vigna unguiculata L. Walp.) Germplasm           | $16,368      | Dr. Matthew Blair  
Tennessee State University  
Max Miller, II  
Tennessee State University |
<table>
<thead>
<tr>
<th>Project ID</th>
<th>Title</th>
<th>Amount</th>
<th>Principal Investigator(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS22-266</td>
<td>Optimizing Anaerobic/Biological Soil Disinfestation Amendment Composition Through Soil Fermentation Experiments</td>
<td>$16,500</td>
<td>Dr. David Butler University of Tennessee, Knoxville James Littrell University of Tennessee</td>
</tr>
<tr>
<td>GS22-271</td>
<td>Novel Energy Efficient UVC Autonomous Robotics Platform for Sustainable Strawberry Fungal Management</td>
<td>$16,496</td>
<td>Hongbo Zhang Middle Tennessee State University Festus Aigbogun Middle Tennessee State University</td>
</tr>
<tr>
<td>GS20-228</td>
<td>Sustainable Management of Phytophthora Cinnamomi and Ambrosia Beetles Under Stress Conditions</td>
<td>$16,335</td>
<td>Dr. Fulya Baysal-Gurel Tennessee State University Krishna Neupane Tennessee State University</td>
</tr>
<tr>
<td>GS17-168</td>
<td>Evaluating Soil Microbial Communities and Cropping Systems for Biomass Feedstock Production on Degraded Lands</td>
<td>$14,838</td>
<td>E. Kudjo Dzantor Tennessee State University Ekundayo Adeleke Tennessee State University</td>
</tr>
<tr>
<td>GS17-175</td>
<td>Investigating the Impact of Plant Spacing on Yields of Sweet Potato Produced in Organic Systems</td>
<td>$16,443</td>
<td>Dilip Nandwani Tennessee State University Sochinwechi Nwosisi Tennessee State University</td>
</tr>
<tr>
<td>GS16-155</td>
<td>Sustainable Management of Soil-borne Diseases in Nursery Production</td>
<td>$11,000</td>
<td>Dr. Fulya Baysal-Gurel Tennessee State University Prabha Liyanapathiranage Tennessee State University</td>
</tr>
<tr>
<td>GS16-157</td>
<td>Integration of Silvopasture and Nut Production in the Southeast</td>
<td>$7,906</td>
<td>Dr. Hill Craddock University of Tennessee at Chattanooga Conrad Blunck Tennessee State University</td>
</tr>
<tr>
<td>GS14-128</td>
<td>Assessment of beneficial microorganisms: Trichoderma, Actinomycetes, and Bacillus in anaerobic soil disinfestation (ASD)</td>
<td>$10,993</td>
<td>Dr. David Butler University of Tennessee, Knoxville Utsala Shrestha University of Tennessee, Plant Sciences</td>
</tr>
<tr>
<td>GS10-095</td>
<td>Efficacy of entomopathogenic fungi in an integrated pest management plan for cucumber beetles in melons and pumpkins</td>
<td>$8,154</td>
<td>Annette Wszelaki University of Tennessee Mary Rogers University of Tennessee</td>
</tr>
<tr>
<td>Project #</td>
<td>Project Title</td>
<td>SARE Support</td>
<td>Project Leaders</td>
</tr>
<tr>
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</tr>
</tbody>
</table>
| GS09-086 | Testing the efficacy of three new alternative treatments for Nosema disease of honey bees in Tennessee | $9,963       | Dr. John Skinner  
Univ. Tennessee  
Paul Rhoades  
University of Tennessee |
| GS08-077 | Providing habitat for native pollinators and determination of native pollinator contribution to pollination of cucurbits and blueberries at farm sites | $10,000      | Dr. John Skinner  
Univ. Tennessee  
Michael Wilson  
Rosecomb Apiaries |
University of Tennessee  
Candice Jones  
University of Tennessee |
| GS02-016 | Collaborative Learning among Farmers as an Approach to Alternative Agricultural Education | $9,540       | John Peters  
University of Tennessee  
Robin Fazio  
Sonrisa Farm |
| GS01-011 | Suppression of Soilborne Phytopathogenic Fungi of Tomatoes via Integrated Production Systems that Utilize Biofumigation, Composted Amendments, Solarization, and Chemical Fumigants. | $10,000      | Carl Sams  
The University of Tennessee  
Martin Lyons  
University of Tennessee |
| GS00-002 | Control of Soilborne Plant Pathogens of tomatoes with incorporation of Indian Mustard (Brassica juncea) | $10,000      | Carl Sams  
The University of Tennessee  
Stephanie G Harvey  
Georgia Southwestern State University |

### ON FARM RESEARCH/PARTNERSHIP GRANTS

<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
</tr>
</thead>
</table>
| OS22-160 | Development of Novel Directed Optical Energy Weed Management Robotics Platform for Sustainable Soybean Farming | $20,000      | hongbo zhang  
Middle Tennessee State University |
| OS21-149 | Predicting Corn N Response Using Alkaline Mineralizable-Nitrogen and Haney Soil Health Tool-Nitrogen in TN | $20,000      | Dr. Nutifafa Adotey  
University of Tennessee |
| OS18-112 | Biofumigants for Sustainable Soil-borne Disease Management in Nursery Production | $15,000      | Dr. Fulya Baysal-Gurel  
Tennessee State University |
<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
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<tbody>
<tr>
<td>OS17-101</td>
<td>Amblyseius swirksii Athias-Henriot for Control of Arthropod Pests in Woody Ornamental Propagation</td>
<td>$14,872</td>
<td>Dr.Karla Addesso Tennessee State University</td>
</tr>
<tr>
<td>OS14-084</td>
<td>Incorporating a Cover Crop into Field Grown Nursery Production to Manage Flatheaded Appletree Borer with the Simultaneous Benefit of Improved and Sustainable Weed Management</td>
<td>$14,997</td>
<td>Dr.Karla Addesso Tennessee State University</td>
</tr>
<tr>
<td>OS11-057</td>
<td>Organic forage production systems for organic dairies in the Southern region</td>
<td>$14,993</td>
<td>Dr.David Butler University of Tennessee, Knoxville</td>
</tr>
<tr>
<td>OS02-002</td>
<td>Specialty Flowering Bulbs as a Sustainable Alternative Crop for Tobacco Farmers in Middle Tennessee</td>
<td>$14,910</td>
<td>Steve Garton</td>
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**SUSTAINABLE COMMUNITY INNOVATION GRANTS**

<table>
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<th>Project Title</th>
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<th>Project Leaders</th>
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<tbody>
<tr>
<td>CS10-077</td>
<td>Live Green and Prosper Community Education and Outreach Initiative</td>
<td>$10,000</td>
<td>Erica Duarte Upper Cumberland Broadcast Council - WCTE</td>
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<tr>
<td>CS10-075</td>
<td>Building Sustainable Families through a Celebration of Low-Impact and Organic Community-Supported Agriculture</td>
<td>$10,000</td>
<td>Ruth Correll UT Extension, Wilson County</td>
</tr>
<tr>
<td>CS07-056A</td>
<td>“Gathering” of Homestead Economic and Entrepreneurs of Food Based, Organic Foods and Other Related Businesses</td>
<td>$10,000</td>
<td>Martha Pile UT Extension of Montgomery County</td>
</tr>
<tr>
<td>CS07-056</td>
<td>“Gathering” of Homestead Economic and Entrepreneurs of Food Based, Organic Foods and Other Related Businesses</td>
<td>$10,000</td>
<td>Martha Pile UT Extension of Montgomery County</td>
</tr>
<tr>
<td>CS06-049</td>
<td>Appalachian Sustainable Agriculture and Energy Project</td>
<td>$40,000</td>
<td>John Jackson Appalachian Native Plants Inc</td>
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<tr>
<td>CS06-048</td>
<td>Schools + Potatoes Upper E. Tennessee Development System (SPUDS)</td>
<td>$39,762</td>
<td>Steve Hodges Clinch Appalachian Farm Enterprises</td>
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<tr>
<td>CS02-004</td>
<td>Homegrown, From Our Farms to Your Table: Growing a Farmers’ Cooperative in East Tennessee</td>
<td>$6,436</td>
<td>Steve Hodges Clinch Appalachian Farm Enterprises</td>
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**EDUCATION ONLY GRANTS**

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<th>Project Title</th>
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<tr>
<td>CS02-004</td>
<td>Homegrown, From Our Farms to Your Table: Growing a Farmers’ Cooperative in East Tennessee</td>
<td>$6,436</td>
<td>Steve Hodges Clinch Appalachian Farm Enterprises</td>
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<td>Principal Investigator(s)</td>
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<tr>
<td>EDS24-071</td>
<td>River Friendly Farms Grazing School</td>
<td>$40,680</td>
<td>Mekayle Houghton&lt;br&gt;Cumberland River Compact&lt;br&gt;Caroline Hutchins&lt;br&gt;Cumberland River Compact</td>
</tr>
<tr>
<td>EDS24-067</td>
<td>South East Tennessee Collaborative Regional Alliance for Farmer Training (SETN CRAFT)</td>
<td>$49,144</td>
<td>Melonie Lusk&lt;br&gt;Crabtree Farms&lt;br&gt;Emily Heid&lt;br&gt;Southeast Tennessee Young Farmers Coalition</td>
</tr>
<tr>
<td>EDS24-062</td>
<td>Increasing Sustainable Agriculture and Economic Viability of Farms in Tennessee Through Education</td>
<td>$39,703</td>
<td>Natalie Seegers&lt;br&gt;Tennessee Local Food</td>
</tr>
<tr>
<td>EDS24-057</td>
<td>Soil SMaRTS 2: Virtual farm tours for enhanced and inclusive learning about soil health.</td>
<td>$44,864</td>
<td>Dr.Jason deKoff&lt;br&gt;Tennessee State University</td>
</tr>
<tr>
<td>EDS23-049</td>
<td>Beyond Agri-Curious: Training New Farmers in the Business of Farming</td>
<td>$42,000</td>
<td>Mekayle Houghton&lt;br&gt;Cumberland River Compact&lt;br&gt;C.J. Sentell&lt;br&gt;Nashville Food Project</td>
</tr>
</tbody>
</table>

**Total funding from the USDA SARE program to Tennessee**

$4,237,065

For further information on projects, contact 770-412-4787 or ssare@uga.edu.
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