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 $333 million to more than 7,794 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 in West Virginia

Project Highlight: Seeking Solutions in the Fight Against Stink Bug

Farmer Clarissa Mathews struggled, along with many other West Virginia farmers, with the Brown Marmorated Stink Bug (BMSB). This highly invasive pest causes significant crop losses, and all vegetable and fruit crops are vulnerable. To manage the pest, frequent applications of broad-spectrum insecticides, toxic to beneficial organisms, are commonly used.

Two SARE-funded projects sought alternative solutions. In one, Mathews investigated a non-chemical approach combining a highly attractive trap crop buffer with commercially available pheromone-baited traps. On a subsequent project, USDA researcher Tracy Lesky partnered with Mathews to manage BMSB in apples using the same tools.

Mathews found that stink bugs were highly attracted to a sunflower trap crop. However, reduced stink bug densities in cash crops did not mean significantly lower crop damage or higher yields. Thus, she concluded that while effective for organic farmers unable to use synthetic insecticides, the pheromone lure needed to be incorporated within the trap crop, not on the sides. Lesky’s follow-up project is looking at the same approach, except farmers who are not organic will apply the insecticides near the attract and kill sites. Lesky is already finding success with the approach and interest from farmers.

For more information on these projects, see sare.org/projects, and search for project numbers LNE14-334 and FNE12-759.

SARE in West Virginia

northeast.sare.org/sare-in-your-state/west-virginia

$4,297,515 in total funding

109 grant projects

(since 1988)

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

Total awards: 109 grants
- 15 Research and Education
- 5 Sustainable Community Innovation
- 10 Professional Development Program
- 45 Farmer/Rancher
- 7 Graduate Student
- 23 On Farm Research/Partnership
- 4 Research Only

Total funding: $4,297,515
- $2,082,878 Research and Education
- $83,719 Sustainable Community Innovation
- $657,935 Professional Development Program
- $280,568 Farmer/Rancher
- $104,411 Graduate Student
- $451,657 On Farm Research/Partnership
- $636,347 Research 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: northeast.sare.org/sare-in-your-state/west-virginia

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 northeast.sare.org/state-pages/west-virginia to learn more.

Barbara Liedl
West Virginia State University
(304) 204-4037
liedlbewvstateu.edu

Doolarie Singh-Knights
West Virginia University
(304) 293-7606
dosingh-knights@mail.wvu.edu

USDA SARE

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.
AGRICULTURE PROJECTS FUNDED IN WEST VIRGINIA
by USDA's Sustainable Agriculture Research and Education (SARE) Program

West Virginia has been awarded $4,297,515 grants to support 108 projects, including but not limited to, 14 research and/or education projects, 10 professional development projects and 45 producer-led projects. West Virginia 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>LNE21-420</td>
<td>Developing an Affordable Soil Health Test for the Appalachian Region to Incentivize Sustainable Agricultural Production</td>
<td>$248,302</td>
<td>Dr. Eugenia Pena-Yewtukhiw West Virginia University</td>
</tr>
<tr>
<td>LNE20-401</td>
<td>Optimization of Preventative Biorational Strawberry Fruit and Root Disease Management Techniques</td>
<td>$244,349</td>
<td>Dr. Mahfuz Rahman West Virginia University</td>
</tr>
<tr>
<td>LNE17-359</td>
<td>Obtaining preventative veterinary care in underserved areas</td>
<td>$67,092</td>
<td>William Shockey West Virginia University</td>
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<tr>
<td>LNE16-350</td>
<td>Refining an attracticidal sphere management system for spotted-wing drosophila in small fruit production</td>
<td>$198,902</td>
<td>Dr. Tracy Leskey USDA-ARS</td>
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<tr>
<td>LNE14-333</td>
<td>Enhancing the productivity of ewe lambs through the use of reproductive management</td>
<td>$134,152</td>
<td>Marlon Knights West Virginia University</td>
</tr>
<tr>
<td>LNE14-334</td>
<td>Building attract-and-kill systems for management of the brown marmorated stink bug in apple orchards</td>
<td>$249,967</td>
<td>Dr. Tracy Leskey USDA-ARS</td>
</tr>
<tr>
<td>LNE06-249</td>
<td>Evaluation of field density, cultivar preference, and northeast grower evaluation of the hornfaced bee as an alternative sustainable pollinator for highbush blueberry production</td>
<td>$96,380</td>
<td>Dr. Todd West West Virginia University</td>
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<tr>
<td>LNE05-218</td>
<td>Multi-stakeholder collaboration for profitable and ecological cultivation of forest medicinals</td>
<td>$103,500</td>
<td>Dennis Hosack Rural Action- Appalachian Forest Resource Center</td>
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<tr>
<td>LNE04-197</td>
<td>Understanding and Improving E-Commerce Use by Small Farms</td>
<td>$85,317</td>
<td>Cheryl Brown West Virginia University</td>
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<tr>
<td>LNE04-207</td>
<td>Decision Enabling Data Collection and Management Project</td>
<td>$100,081</td>
<td>Tom McConnell West Virginia University</td>
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<tr>
<td>LNE02-158</td>
<td>Comparison of Organic Farming Systems Using Off-Farm Nitrogen with &amp; without Animals</td>
<td>$149,968</td>
<td>Sven Verlinden West Virginia University</td>
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<tr>
<td>LNE00-139</td>
<td>Improving Farm Profits by Developing a Niche Market for Green-Certified Senior Calf Beef</td>
<td>$112,621</td>
<td>W. Neil Gillies Cacapon Institute</td>
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<tr>
<td>Project #</td>
<td>Project Title</td>
<td>SARE Support</td>
<td>Project Leaders</td>
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<tr>
<td>LNE99-123</td>
<td>Systems of Transition from Conventional to Organic Agricultural Production</td>
<td>$212,247</td>
<td>James Kotcon&lt;br&gt;College of Agriculture, Forestry &amp; Consumer Sciences</td>
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<tr>
<td>LNE98-105</td>
<td>Controlling Honeybee Mites with Essential Oils</td>
<td>$80,000</td>
<td>Jamie Amrine&lt;br&gt;West Virginia University</td>
</tr>
<tr>
<td>LNE21-427R</td>
<td>Stacking Robust Resistance to Septoria Leaf Spot from Wild Germplasm Accessions into the Cultivated Tomato</td>
<td>$198,977</td>
<td>Dr. Vagner Benedito&lt;br&gt;West Virginia University</td>
</tr>
<tr>
<td>LNE20-410R</td>
<td>Designing and Building Centrifuges to Clarify Maple and Walnut Syrup</td>
<td>$49,824</td>
<td>Dr. Michael Rechlin&lt;br&gt;Future Generations University</td>
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<tr>
<td>LNE20-411R</td>
<td>UV-C Light Application Technology for Field-Grown Strawberries to Control Fungal Diseases and Arthropod Pests</td>
<td>$187,733</td>
<td>Dr. Fumiomi Takeda&lt;br&gt;Appalachian Fruit Research Station, US Department of Agriculture, Agricultural Research Service</td>
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<tr>
<td>LNE19-387R</td>
<td>A Novel Phosphate Sorbent to Reduce Non-point Source Pollution and Increase Plant Production</td>
<td>$199,813</td>
<td>Lian-Shin Lin&lt;br&gt;West Virginia University</td>
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<tr>
<td>ENE21-168</td>
<td>Reading the Woods: Training West Virginia Agricultural Service Providers on Non-Timber Forest Products</td>
<td>$149,878</td>
<td>Dr. A.L. &quot;Tom&quot; Hammett&lt;br&gt;Future Generations University</td>
</tr>
<tr>
<td>ENE20-161</td>
<td>Building Efficacy and Financial Success among West Virginia Producers via Farmers Market Manager Education</td>
<td>$85,958</td>
<td>Erica Gallimore&lt;br&gt;West Virginia Farmers Market Association</td>
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<tr>
<td>ENE20-163</td>
<td>From Seed to Sale: Market-Driven High Tunnel Production Education for West Virginia Agricultural Producers</td>
<td>$112,771</td>
<td>Lisa Jones&lt;br&gt;West Virginia University</td>
</tr>
<tr>
<td>ENE12-126</td>
<td>Professional Development for Agricultural Service Providers in Pollution Discharge Elimination System</td>
<td>$26,699</td>
<td>Dr. Doolarie Singh-Knights, Ph.D.&lt;br&gt;West Virginia University</td>
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<tr>
<td>ENE08-109</td>
<td>An Educational Program to Expand Season Extension of Horticulture Crops in West Virginia</td>
<td>$52,517</td>
<td>Dr. Lewis Jett&lt;br&gt;West Virginia University</td>
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<tr>
<td>ENE03-077</td>
<td>Timber to truffles: West Virginia workshops in traditional and special forest products</td>
<td>$61,614</td>
<td>David McGill&lt;br&gt;WVU Appalachian Hardwood Center</td>
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<tr>
<td>ENE03-078</td>
<td>Increasing returns from farm woodlots with owner-operated processing of timber</td>
<td>$79,895</td>
<td>David McGill&lt;br&gt;WVU Appalachian Hardwood Center</td>
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<tr>
<td>ENE02-070</td>
<td>Consumer-Driven Marketing</td>
<td>$40,503</td>
<td>Tom McConnell&lt;br&gt;West Virginia University</td>
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<tr>
<td>ENE98-045</td>
<td>Re-Inventing the Appalachian Shepherd</td>
<td>$6,500</td>
<td>Tom McConnell&lt;br&gt;West Virginia University</td>
</tr>
</tbody>
</table>
### Extension Agent Training in Sustainable Agriculture

**Project Leaders:** John Jett  
West Virginia University

### FARMER/RANCHER GRANTS

<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
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</thead>
</table>
| FNE21-970  | Trialing Cultivating Chicken of the Woods Using Standard Mushroom Farm Technology While Confirming PCR Primer Sequence Traits in Fruiting Bodies | $14,356      | Sharon Briggs  
Peasant's Parcel Mushroom Farm |
| FNE21-982  | A Practical Comparison of Cold Storage and Traditional Outdoor Hive Wintering Methods in Central West Virginia          | $7,317       | Eric Grandon  
Sugar Bottom Farm LLC |
| FNE20-962  | Low Cost Self-Sustaining Year-Round High Tunnel Temperature Control           | $14,781      | Tommye Rafes  
T. L. Fruits and Vegetables LLC |
| FNE18-907  | Here Comes the Sun: Solar Power as Energy Source in Remote High Tunnel Ventilation Systems | $14,246      | Tommye Rafes  
T. L. Fruits and Vegetables LLC |
| FNE17-870  | Determination of optimum planting dates for strawberry production in southern West Virginia | $13,725      | Kent Gilkerson  
Sunset Berry Farm & Produce |
| FNE17-882  | Defining honeybee pollen sources in Appalachia, July through October         | $14,968      | Michael Staddon  
Honey Glen |
| FNE15-831  | West Virginia Pollen Project 2015                                            | $14,990      | Michael Staddon  
Honey Glen |
| FNE13-775  | Hay net/plastic sleever                                                       | $5,631       | Lonnie Fast  
Fast Hay Movers Inc. |
| FNE12-759  | Integrated trap crop and pheromone trap system for organic management of brown marmorated stink bug | $14,998      | Dr.Clarissa Mathews  
Redbud Farm, LLC |
| FNE10-678  | Modified Use of Spored Oil for Profitable Production of Mushrooms            | $15,000      | Lawrence Beckerle  
Mountaintop Quail Farms |
| FNE08-638  | Using high tunnels to produce blackberries organically in West Virginia      | $6,318       | William Jett  
Dr.Lewis Jett  
West Virginia University |
| FNE08-649  | Open range woodlands: An untapped resource for small-scale farms            | $6,432       | Chuck Talbott  
Black Oak Holler Farm, LLC |
| FNE08-651  | Summer veggie snack mix: Product development and processing of excess summer vegetables into a value-added dried snack mix and soup blend | $5,991       | Pam West  
West Farm |
| FNE07-599  | Medicinal herb seed and seedling rootlet production                        | $7,115       | David Carman |
| FNE06-577  | Using three-quarter American chestnut hybrids for timber, wildlife, and nut production | $5,234       | Don W. Kines  
Mountain State Chestnuts |
<table>
<thead>
<tr>
<th>Project ID</th>
<th>Description</th>
<th>Funding</th>
<th>Contact Name</th>
<th>Contact Organization</th>
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<tbody>
<tr>
<td>FNE06-593</td>
<td>Producing upscale pork for small-scale farmers: An Appalachian</td>
<td>$8,254</td>
<td>Chuck Talbott</td>
<td>Black Oak Holler Farm, LLC</td>
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<tr>
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<td>application</td>
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<td>FNE05-554</td>
<td>Horn-faced bees vs. indigenous pollinators in blueberries</td>
<td>$4,304</td>
<td>Robert McConnell</td>
<td>McConnell Berry Farm</td>
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<tr>
<td>FNE04-519</td>
<td>Greenhouse Production of West Virginia ‘63 Tomato Seed</td>
<td>$5,588</td>
<td>Karen Hyde</td>
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<td>FNE04-522</td>
<td>Improved feasibility of sustainable salad production</td>
<td>$9,199</td>
<td>Barry Landers</td>
<td>Mountain State Innovations, INC</td>
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<td>FNE04-526</td>
<td>Evaluating Marshall Ryegrass</td>
<td>$1,699</td>
<td>Roy Metheney</td>
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<tr>
<td>FNE04-536</td>
<td>Pastured Rabbits</td>
<td>$5,437</td>
<td>Cindy Welch</td>
<td>Mountain Berry Farms</td>
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<td>FNE04-538</td>
<td>An Economic Analysis of Precision Agriculture on Pastureland in</td>
<td>$4,000</td>
<td>Brian Wickilline</td>
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<td></td>
<td>Monroe County, WV</td>
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<tr>
<td>FNE03-462</td>
<td>Yield Differences Between Log Cultivation of Shiitake Mushrooms</td>
<td>$5,740</td>
<td>Daniel Freeman</td>
<td>Freeman Fungi</td>
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<td></td>
<td>and Indoor Enriched Blocks</td>
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<tr>
<td>FNE03-475</td>
<td>Using Pasture Poultry as a Nitrogen Return for Summer Slump Grazing of Rape by Sheep</td>
<td>$3,283</td>
<td>Isaac Lewis</td>
<td>Greenwood Acres Farm</td>
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<tr>
<td>FNE02-417</td>
<td>Profitability of Ethnic Vegetable Varieties for Sale in Urban Niche Markets</td>
<td>$2,811</td>
<td>Haroun Hallack</td>
<td>Red Bud Farm</td>
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<tr>
<td>FNE02-438</td>
<td>Continuation and Refinement of Two Approaches to Farm-Grown Nitrogen</td>
<td>$1,006</td>
<td>Susan Sauter</td>
<td></td>
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<tr>
<td>FNE02-440</td>
<td>West Virginia Herb Growers Research Project</td>
<td>$6,879</td>
<td>Scott Snyder</td>
<td>WV Herb Assoc.</td>
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<tr>
<td>FNE01-358</td>
<td>Essential Oil Distillation for West Virginia Herb Growers: A Smell-Good Project</td>
<td>$6,035</td>
<td>Myra Bonhage-Hale</td>
<td>La Paix Herb Farm</td>
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<tr>
<td>FNE01-365</td>
<td>Spuds – Under Organic Mulch vs. in the Soil</td>
<td>$1,465</td>
<td>Sue Cosgrove</td>
<td>LeeJun Farm</td>
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<tr>
<td>FNE01-397</td>
<td>Two Approaches to Farm-Grown Nitrogen</td>
<td>$2,707</td>
<td>Susan Truxell Sauter</td>
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<tr>
<td>FNE00-295</td>
<td>Spuds – Under Organic Mulch vs. in the Soil</td>
<td>$1,265</td>
<td>Sue Cosgrove</td>
<td>LeeJun Farm</td>
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<tr>
<td>FNE00-326</td>
<td>American chestnut field trial.</td>
<td>$4,335</td>
<td>Larry Boggs</td>
<td></td>
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<tr>
<td>FNE99-246</td>
<td>Intensive Grazing System</td>
<td>$2,515</td>
<td>Milford Gibson</td>
<td></td>
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</tbody>
</table>
FNE99-279  Control of Eastern Red Cedar and Multiflora Rose by Nutrient Management and Intensive Grazing  $8,500  Jason Teets  
Tiech Angus Farm

FNE99-283  Sustainable Production of Specialty Cut Flowers through Improved Soil Structure  $2,154  Pam West  
West Farm

FNE99-286  Integrated Forest Farming: Medicinal Herb Cultivation, Mushroom Production, and Forest Restoration  $7,995  Frederick D. Hayes

FNE99-291  Making the Farm Profitable Using Agroforestry  $6,000  Bill Slagle

FNE98-225  Year Round Hydroponic Tomato Production  $2,499  Donnie Tenney

FNE98-226  Expanding Local Production of Cage Cultured Hybrid Bass by Demonstrating an Integrated Approach with Limited Space and Equipment and Farmer Cooperation  $4,996  Frederick D. Hayes

FNE97-163  Christmas Lights and Deer Scents  $937  Myra Bonhage-Hale  
La Paix Herb Farm

FNE97-168  Evaluating Forage Quality and Yield in Pastures in the Shenandoah Valley  $2,753  Bill Grantham

FNE95-110  Utilizing a Living Mulch System for Specialty Cut Flower Production & Pasture Regeneration  $1,605  Pam Talley

FNE93-004  Evaluation of Five Organic Techniques for Controlling Flea Beetles on Kennebec Potatoes  $755  Myra Bonhage-Hale  
La Paix Herb Farm

FNE93-007  Ginseng Production Project  $1,750  Van & Edna Wysong

FNE93-032  Managing Crowded Woodlots through Shiitake Mushroom Production  $3,000  Pam Talley

GRADUATE STUDENT GRANTS

<table>
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<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
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</thead>
</table>
| GNE21-252 | Characterization of agouti-signaling protein during oocyte maturation and early embryonic development to improve in vitro embryo production in cattle | $14,926 | Jianbo Yao  
West Virginia University  
Heather Chaney  
West Virginia University |
| GNE19-196 | Characterization of Novel Long Non-coding RNAs and Their Roles as Indicators of Oocyte Quality in Cattle | $14,884 | Jianbo Yao  
West Virginia University  
Jaelyn Current  
West Virginia University |
| GNE14-079 | The Effects of Poultry Litter Biochar as a Viable Feed Ingredient in Poultry Diets | $14,989 | Dr. Joseph Moritz  
West Virginia University  
Ashley Evans  
West Virginia University |
| GNE13-067 | Novel blood metabolites as pre-onset predictors of postpartum metabolic disease in overconditioned transition dairy cows | $14,995 | Dr. Joseph McFadden  
Cornell University  
Jorge Eduardo Rico Navarrete  
West Virginia University |
<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
</tr>
</thead>
</table>
| GNE12-041 | Meeting demand for local food in West Virginia: Do regional factors limit or enable farmer supply response? | $14,877      | Cheryl Brown West Virginia University  
|            |                                                                                |              | Ruth Oldham West Virginia University                                              |
| GNE11-015 | Increasing Adoption of Out-of-Season Breeding to Enhance Profitability of Sheep Producers in West Virginia | $14,999      | Marlon Knights West Virginia University  
|            |                                                                                |              | Kellie D'Souza WVU                                                               |
| GNE11-029 | Effect of Continuous Suckling/“Ewe-rearing” on Growth and Level of Parasitism of Lambs and on Productivity and Profitability of Lamb Operations | $14,741      | Marlon Knights West Virginia University  
|            |                                                                                |              | Dr.Doolarie Singh-Knights, Ph.D. West Virginia University  
|            |                                                                                |              | Stephanie Simpson WVU                                                           |
|            | **ON FARM RESEARCH/PARTNERSHIP GRANTS**                                        |              |                                                                                  |
| ONE21-388 | Evaluation of Pelletized Poultry Litter to Improve Specialty Crop Production in West Virginia | $29,944      | Candace DeLong West Virginia University                                        |
| ONE21-393 | Production and Value-Added Processing of Cultivated and Wild-Harvested Elderberries in West Virginia | $29,700      | Dr.Lewis Jett West Virginia University                                        |
| ONE21-400 | Hopping on Hops: Technical Assistance and Peer-to-Peer Mentorship to Support West Virginia Hops Growers | $29,999      | Spencer Moss West Virginia Food & Farm Coalition                                 |
| ONE21-383 | Increasing the Product Supply of Ramps via Enhanced Plantings and Educational Farm Programming | $29,876      | David McGill WVU Appalachian Hardwood Center                                    |
| ONE21-403 | Training Small Farmers for Commercial Seed Production while Exploring Profitability of Annual Vegetable Seed Crops in West Virginia | $16,996      | Dr.Mehmet Oztan West Virginia University                                        |
| ONE21-404 | Sycamore Syrup: Generating Farm Income and Protecting Riparian Zones in West Virginia | $29,996      | Dr.Michael Rechlin Future Generations University                                 |
| ONE21-405 | Is Copper Deficiency Killing Our Sheep? Micronutrient Availability and Their Effects on Sheep Health and Production. | $29,955      | Alexandria Smith WVU Extension                                                    |
| ONE20-377 | Management of Powdery Mildew in Greenhouse and High Tunnel Tomatoes by Using Ultraviolet C Light | $29,171      | Dr.Mahfuz Rahman West Virginia University                                        |
| ONE19-338 | Preserving the Past for the Future: Evaluating Production, Processing and Marketing of Appalachian Heritage Beans | $29,356      | Lisa Jones West Virginia University                                              |
| ONE19-342 | Implementing Beginning Farmer Training in Geographic Areas via WV Collaborative Regional Alliance for Farmer Training | $29,067      | Spencer Moss West Virginia Food & Farm Coalition                                 |
| ONE19-347 | Advancing Walnut Syrup Production for Increased Profitability and Farm Income Diversification | $26,685      | Dr.Michael Rechlin Future Generations University                                 |
| ONE16-264 | Developing farm-to-institution grower capacity for leafy green vegetables in the Eastern Panhandle Region of West Virginia | $14,965      | Dr.Lewis Jett West Virginia University                                          |
Exploring equipment sharing models in the rural Appalachian landscape of southern West Virginia
$14,998
Anne Stroud
Downstream Strategies

West Virginia 2016 cover crop initiative for promoting soil health
$11,107
Thomas Basden
West Virginia University Extension Service

Management of soilborne diseases in small farms with eco-friendly treatment options
$14,792
Dr. Mahfuz Rahman
West Virginia University

The Farm Micro-Enterprise Development Program in the mid-Ohio Valley: Can extended season high tunnel production increase agricultural self-employment?
$14,996
Lauren Kemp
Unlimited Future Inc

Enhancing productivity of sheep through greater access and use of genetically evaluated
$12,156
Dr. Doolarie Singh-Knights, Ph.D.
West Virginia University

Empowering small farms to make big decisions: Examining profitability of local markets in West Virginia
$14,959
Sigrid Teets
WesMonTy RC&D

Cooperative farm-to-school pilot program
$4,697
Jennifer Poling
West Virginia University Extension Service

The Utility of Crotalaria juncea as a Cover Crop in a Temperate Climate
$9,644
Dr. Gerald Leather
West Virginia University

Evaluating the Use and Seed Production of Forage Radishes in Field and Forage Crop Fields to Control Compaction, Concentrate Nutrients, Suppress Weeds and provide a local seed source in Limestone Soil of the Northern Shenendoah Valley
$9,485
Craig Yohn
West Virginia University Extension Service

Evaluating hornfaced bees (Osmia cornifrons Radoszkowski) as pollinators of highbush blueberry
$9,933
Dr. Todd West
West Virginia University

Use of a Baited Trap Crop for Stink Bug Management in Peaches
$9,180
Henry Hogmire
West Virginia University

SUSTAINABLE COMMUNITY INNOVATION GRANTS

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<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
</tr>
</thead>
</table>
| CNE11-087 | Pocahontas County Marketing Coordinator | $14,175 | Jill Young
Greenbrier Valley Economic Development Corp |
| CNE08-038 | Farmers harness the web to market their products | $10,000 | Allen Arnold
Collaborative for the 21st Century Appalachia |
| CNE07-032 | Adding value to the sustainable farm | $25,000 | Allen Arnold
Collaborative for the 21st Century Appalachia |
| CNE07-037 | Development of an outreach program to promote wood residue utilization for bioenergy in West Virginia | $24,962 | Dr. Jingxin Wang
West Virginia University |
| CNE06-001 | Farm Fresh – Buying Local | $9,582 | Allen Arnold
Collaborative for the 21st Century Appalachia |
Total funding from the USDA SARE program to West Virginia

$4,297,515

For further information on projects, contact Deb Heleba, Northeast SARE communications specialist, at 802-651-8335, ext 552 or debra.heleba@uvm.edu. Sustainable Agriculture Research and Education (SARE) is funded by USDA’s National Institute of Food and Agriculture (NIFA).