

## 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 \$397 million to more than 8,689 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](http://www.sare.org)

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

# Ohio

## Project Highlight: *Measuring Advertising ROI*

How do local food producers and entrepreneurs draw attention to their products when there's so much competition for people's attention? Advertising can help. With support from a SARE Farmer Rancher grant, Ohio's Buckeye Valley Beef Cooperative set out to gain insight on the return on investment (ROI) of four advertising channels of interest: billboard displays, radio ads, Facebook ads, and Google AdWords.

Their cooperative members divided responsibilities for their project as they gathered baseline data, studied how to use the various marketing channels, consulted with advertising companies, and set up their marketing schemes. They allowed three months per method and then looked at the sales impact of each strategy.

## Advertising ROI

Overall, the team determined that of the four methods, Facebook ads was most effective, followed by radio ads, Google Ads, and billboards.

- Success with Facebook: Their Facebook campaign was a resounding success. Nethero said it was the easiest, simplest, and quickest of the four advertising methods to implement. "We were told by marketing experts through the year that they were moving into different directions away from social media," said Nethero. "So we weren't expecting much out of it and yet, it was incredibly successful. A 10,900% ROI speaks volumes. We spent \$600 and made \$66,000 in sales."
- Time investment: Researching advertising ROI was a lot of work. The 8-person project team each devoted significant time and energy to figuring out which strategy made the most sense.
- WOMM wins: Word of mouth marketing (WOMM) was more effective than any of the new advertising strategies they tested.

For more information on these projects, see [sare.org/projects](http://sare.org/projects), and search for project numbers [FNC19-1186](https://www.sare.org/projects/1186).

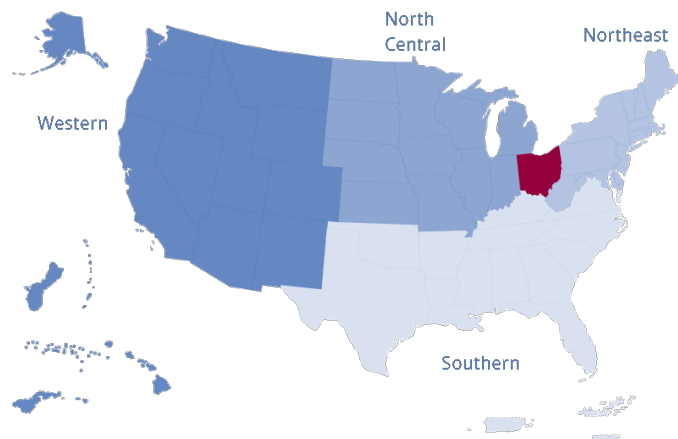
## SARE in Ohio

[northcentral.sare.org/state-programs/ohio](http://northcentral.sare.org/state-programs/ohio)

**\$3,076,465**  
in total funding

**75 grant project**  
(since 1988)

For a complete list of grant projects state by state, go to [www.sare.org/state-summaries](http://www.sare.org/state-summaries)



# SARE in Ohio

## Grants awarded 2019-2024

### Total awards: **75 grants**

- 27 Farmer/Rancher
- 7 Research and Education
- 3 Professional Development Program
- 13 On Farm Research/Partnership
- 9 Graduate Student
- 16 Youth Educator

### Total funding: **\$3,076,465**

- \$408,091 Farmer/Rancher
- \$1,610,879 Research and Education
- \$291,129 Professional Development Program
- \$557,455 On Farm Research/Partnership
- \$127,482 Graduate Student
- \$81,429 Youth Educator

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:

**12,963 farmers participated in a SARE-funded project**

**1,577 farmers reported a change in knowledge, awareness, skills or attitude**

**173 farmers changed a practice**



Learn about local impacts at:  
[northcentral.sare.org/state-programs/ohio](http://northcentral.sare.org/state-programs/ohio)

## 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 [northcentral.sare.org/state-pages/ohio](http://northcentral.sare.org/state-pages/ohio) to learn more.

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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 OHIO

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

Ohio has been awarded \$9,146,390 grants to support 292 projects, including but not limited to, 47 research and/or education projects, 20 professional development projects and 151 producer-led projects. Ohio has also received additional SARE support through multi-state projects.

## RESEARCH AND EDUCATION GRANTS

Project #	Project Title	SARE Support	Project Leaders
LNC23-488	Sustainable root-zone management for organic vegetable production in containers	\$249,953	Dr.Uttara Samarakoon The Ohio State University
LNC21-459	A Sustainable Approach to Control Varroa Mites - Improving the Quality of Queens using Local Resources	\$249,998	Dr.Hongmei Li-Byarlay Central State University
LNC21-452	DEVELOPING AND PROMOTING WOODLAND PAWPAW PRODUCTION PRACTICES TO IMPROVE FRUIT YIELD AND QUALITY	\$249,846	Dr.G. Matt Davies The Ohio State University
LNC21-447	Identifying and Incorporating Fair Labor and Fair Pricing on Sustainable Farms in the North Central Region	\$249,547	Sasha Sigetic Ohio Ecological Food and Farming Association
LNC20-439	Soil health and water quality nexus in sustainable agroecosystems	\$249,932	Dr.VINAYAK SHEDEKAR THE OHIO STATE UNIVERSITY
LNC19-417	Towards Resilient and Sustainable Grape Production in the North Central Region with Renewable Mulching Systems	\$199,971	Dr.Imed Dami Ohio State University
LNC19-428	Sustainable production and marketing using the cooperative model for a student-managed school farm cooperative	\$161,632	Hannah Scott The Ohio State University College of Food, Agricultural, and Environmental Sciences Center for Cooperatives
LNC18-401	Assessing Soil Fertility and Soil Health in Midwest Hop Production	\$98,561	Dr.Steven Culman Ohio State University

LNC17-393	Optimizing anaerobic soil disinfestation to manage emerging soilborne diseases in tomato protected culture systems in the North Central Region	\$149,349	Dr.Sally Miller The Ohio State University, Dept of Plant Pathology
LNC16-380	Resources that Help Sustainable-Organic Vegetable Growers Select, Use, and Evaluate Microbe-containing Crop Stimulants (MCCSs) More Effectively	\$198,842	Matthew Kleinhenz The Ohio State University-OARDC
LNC16-384	Creating an Educational and Economic Value Chain for Specialty Dairy Products in Appalachian Ohio	\$165,500	Tom Redfern Rural Action
LNC13-351	Neonatal Calf Diarrhea: Reducing Impacts and Antibiotic Use with Natural Therapies	\$142,375	Dr.Greg Habing The Ohio State University
LNC11-331	An Integrated Approach to Understanding Food Safety Practices and Attitudes Among Local Food Systems Actors	\$128,102	Doug Doohan Ohio State University Dr.Jason Parker The Ohio State University
LNC08-292	Marketing Apple Diversity	\$121,200	Dr.Diane Miller OARDC/Ohio State University
LNC08-306	Non-traditional Forages in a Managed Grazing System for Control of Gastrointestinal Parasites in Sheep	\$137,150	Dr.William Shulaw College of Veterinary Medicine, Ohio State University
LNC07-288	Growing Organics: Integrating Science, Farmer Indigenous Knowledge, and Experience in Expanding Organic Production in Ohio	\$140,416	Mike Anderson Ohio Ecological Food and Farm Association Rachel Tayse Ohio Ecological Food and Farm Association
LNC06-272	Evaluating Corn Varieties in Pure and Mixed Stands for Organic Crop Production across Three States in the Corn Belt	\$138,252	Dr.Peter Thomison Ohio State University
LNC05-252	Wisdom in the Land	\$92,560	Sharon Sachs Innovative Farmers of Ohio

LNC05-256	Organic Production and Marketing of Forest Medicinals: Building and Supporting a Learning Community Among Growers	\$106,000	Dennis Hosack Rural Action- Appalachian Forest Resource Center
LNC04-240	Weed Management in Organic Conservation Tillage/No Tillage	\$146,314	John Cardina Ohio State University
LNC04-243	Collaboration with the arts to communicate the messages of sustainable agriculture to a wider audience: Developing a model project with the Springfield Symphony Orchestra in Clark County, Ohio.	\$104,500	Dennis Hall The Ohio State University
LNC03-233	Financial Implications of Non-toxic Endophyte-infected Fescue Pasture: Establishment Costs and Livestock Returns	\$149,555	David Barker Ohio State University
LNC03-236	Variety Evaluation, Selection and Management for Organics Vegetable Systems	\$98,861	Matthew Kleinhenz The Ohio State University-OARDC
LNC02-207	Whole Systems Approach to Building a Sustainable Regional Food Economy	\$99,596	Brad Masi Ecological Design Innovation Center
LNC02-208	Improving Livestock and Grain Farms' Environmental Quality through Watershed Headwaters Learning Communities	\$24,500	Richard Moore Ohio State University
LNC02-221	Ecology and Cultivation of Non-Timber Forest Products in Appalachia	\$100,000	Brian McCarthy Ohio University
LNC01-183	Integrating cover crop mulches in commercial pumpkin production in the Midwest.	\$9,716	Christian A. Wyenandt The Ohio State University
LNC01-189	Building Diverse Markets and Strong Businesses with Limited-Means Farmers	\$50,636	Colin Donohue Rural Action
LNC01-199	Improving Livestock and Grain Farms' Contribution to Environmental Quality through Headwaters Learning Communities	\$24,500	Richard Moore Ohio State University

LNC00-175	Linking soil quality, plant health, and animal nutrition on dairy farms through energy and nitrogen balance	\$110,000	Charlotte Bedet Innovative Farmers of Ohio
LNC98-129	Strengthening Farms on the Edge: Developing Rural/Urban Partnerships	\$29,450	Rebecca Cline-Seese
LNC98-141	Biological Control of Bacterial Diseases of Vegetable Crops	\$98,000	Dr.Sally Miller The Ohio State University, Dept of Plant Pathology
LNC97-118	Use of Cover Crop Practices to Control Weeds in Integrated Lower-Chemical Input Systems of Vegetable Production	\$87,823	Jeff Dickinson Stratford Ecological Society
LNC96-099	Biological Control of Foliar Diseases and Fruit Rots of Tomato	\$103,580	Dr.Sally Miller The Ohio State University, Dept of Plant Pathology
LNC95-091	Integrating Quality of Life, Economic, and Environmental Issues: Agroecosystem Analysis of Amish Farming	\$40,800	Deborah Stinner Dept. of Entomology, OARDC, Ohio State University
LNC94-047.1	Further Development of Innovative and Practical Education in Sustainable Agriculture in Ohio	\$98,094	Clive Edwards Ohio State University, Sustainable Agriculture Program
LNC94-068	Evaluating Soil Organic Matter and Soil Biology for Improving Short- and Long-Term Management of Soil Nitrogen Supplying Capacity	\$93,500	Ed Zaborski Ohio State University
LNC94-069	The Role of Soil Management in Crop Nutritional Quality and Susceptibility to Pests	\$95,232	Larry Phelan Ohio State University
LNC94-070	Economic and Ecological Analyses of Farms and their Component Practices to Promote Crop Rotation and Cover Crop Systems	\$117,670	Benjamin Stinner Ohio State University, Ohio Agricultural Research and Development Center (OARDC)
LNC92-047	Innovative Approaches to Practical Education in Sustainable Agriculture	\$112,390	Clive Edwards Ohio State University, Sustainable Agriculture Program
LNC91-033	LISA as Applied to Vegetable Production Systems	\$77,279	Mark Bennett Ohio State University

LNC91-037	Comparative Economic and Ecological Analyses of Lower Chemical Input Fruit Farms and Other Fruit Farming Systems	\$110,610	Jeff Dickinson Stratford Ecological Society
LNC90-026	Economic, Ecological, and Environmental Analyses of Farms under Long-Term Lower Chemical Input Management	\$92,344	Benjamin Stinner Ohio State University, Ohio Agricultural Research and Development Center (OARDC)
LNC89-015.1	An Integrated Research/Extension Program in Low-Input Crop Production in Ohio	\$40,000	Donald Eckert Ohio State University
LNC88-003	Low-Input Ridge Tillage System for the Corn Belt	\$24,300	Randall Reeder Ohio State University
LNC88-008	Sustainable Agricultural Education Display Systems	\$4,000	Clive Edwards Ohio State University, Sustainable Agriculture Program
LNC88-015	A Research/Extension Awareness Program for Low-Input Agriculture in Ohio	\$38,000	Donald Eckert Ohio State University

**PROFESSIONAL DEVELOPMENT PROGRAM GRANTS**

<b>Project #</b>	<b>Project Title</b>	<b>SARE Support</b>	<b>Project Leaders</b>
ENC23-225	Whole Farm Planning for the 21st Century: Integrating childcare, healthcare, and health insurance into farm planning curriculum	\$119,837	Dr.Shoshanah Inwood Ohio State University -OARDC
ENC20-190	Growing the Growers: Leadership Training and the Development of Key Personnel for Engaged Production in the Mansfield Microfarm Project	\$89,976	Dr.Kent Curtis The Ohio State University - Mansfield Regional Campus
ENC19-185	Professional Development for Ohio Farmers Market Managers and OSU Extension Educators on Creating a Culture of Data Collection for Sustainability Planning for Markets and Farmers	\$81,316	Christie Welch The Ohio State University Extension Eric Barrett Ohio State University Extension
ENC18-172	Solar Electric Investment Analysis for Small Farms	\$74,364	Eric Romich Ohio State University



ENC13-139	Education for Veterinarians, Extension Educators and Other Agricultural Professionals on Organic Livestock Health	\$74,592	Rachel Tayse Ohio Ecological Food and Farm Association
ENC12-134	Beyond Season Extension: High Tunnels for Season Creation and Economic, Community, and Environmental Sustainability	\$75,000	Tom Redfern Rural Action
ENC10-115	Retail Ready - Wholesale Ready	\$67,337	Julie Fox The Ohio State University
ENC10-118	Training professionals on sustainable agriculture for enhanced ecosystem service from the ground up	\$65,900	Dr.Khandakar Islam The Ohio State University South Centers
ENC10-120	Integrated Sustainable Dairy Program	\$59,266	Dr.Gustavo Schuenemann Veterinary Extension
ENC06-093	Grazier Training for Michigan Agricultural Educators from NRCS, Michigan State University Extension and Conservation Districts	\$26,883	Betsy Dierberger NRCS, Michigan Lawrence Dyer Olney Friends School
ENC05-085	Creating Capacity to Confront Invasive Plants as Barriers to Economic Productivity and Environmental Sustainability	\$75,000	Tom Redfern Rural Action
ENC02-067	Developing Capacity and Nurturing Leadership to Assist Producers in Transitioning to Sustainable Marketing Systems	\$62,152	Laura Ann Bergman Innovative Farmers of Ohio
ENC01-056	Forest Meets Farm: Profitable New Crops for Small Farms in Forested Ohio	\$47,743	Scott Bagley Rural Action, Inc.
ENC99-040	Transitioning to Sustainable and Organic Grain and Livestock Production Systems: On-Farm Training for Extension Agents (CES) and NRCS Personnel	\$46,715	Margaret Huelsman Ohio Ecological Food Farm Assn
ENC98-033	Developing Advanced Grazing Educational Materials and Schools on Sustainable and Profitable Grazing Systems for the North Central Region	\$60,000	Henry Bartholomew Ohio State University Extension



ENC98-035	Workshops on Land Use and Farmland Policy	\$48,247	Kevin Schmidt American Farmland Trust
ENC97-027	Professional Training in Soil Quality	\$15,400	Stephen Baertsche Ohio State University Extension
ENC96-013	Utilizing the Concept of Whole-Farm Planning to Educate Agricultural Professionals and Farm Families in Ohio about Sustainable Agriculture	\$32,000	Mike Hogan OSU Extension
ENC95-003	Grazing Systems for Sustainable and Profitable Agriculture	\$92,100	Henry Bartholomew Ohio State University Extension
ENC95-003A	Developing Educational Materials and Schools for Sustainable and Profitable Grazing Systems	\$30,000	Henry Bartholomew Ohio State University Extension

#### FARMER/RANCHER GRANTS

Project #	Project Title	SARE Support	Project Leaders
FNC24-1443	Increase Farmer Quality of Life and Income Through Mindset Coaching	\$15,000	Dana Workman Grass Powered Poultry LLC
FNC24-1442	Kinsman Pollinator Corridor Project: A Study on the Sustainable Benefits of Pollinator Gardens and Bee Therapy in an Urban Community	\$29,953	Ronnie Williams Hood Honey
FNC24-1406	Improving and sustaining varroa and disease resistance using your current local honey bee queen stock	\$29,956	Joshua Combs Combs Bee Farm
FNC24-1405	A More Cost Effective and Sustainable Raceway Design for Indoor Shrimp and Fish Production	\$26,295	Ashtyn Chen OceanArc Technologies
FNC23-1360-D	8 to 88 Rabbits and Wrigglers is a cage system to easily produce rabbits for meat, fiber, waste products, red wiggler worms and worm products.	\$11,078	Donna Bennett Promise Hill Farm
FNC23-1361	Developing a regional spring flowering seed mix to support North Central mason bees	\$28,954	Justina Block Osmia Bee Company

FNC23-1365	How can Midwestern growers make the most of winter high tunnel real estate for winter salad mixes?	\$8,781	Michelle Nowak Franklinton Farms
FNC23-1371	Investigating Viable Management Strategies of Marssonina Leaf Blotch in Organic Apple Production in Central Ohio	\$8,280	Zachary Dobbelaer Charlie's Apples
FNC22-1328	South Side Family Farms Black Farmer/Heritage Project	\$28,760	Min. Aaron k. Hopkins ICANDO community development
FNC22-1319	Effectiveness of using milk and Korean Natural Farming fungicide techniques vs traditional organic fungicides on powdery mildew	\$8,099	Donnetta Boykin Endigo's Herbals & Organics
FNC22-1330	Mitigating and Eliminating the Impact of Aphids and White Moth Butterflies on Cabbages, Okra and Collards Using Sustainable Agricultural Practices	\$13,279	Ava Johnson SE Gardens and Farm
FNC22-1338	Red Mulberry Search and Rescue: Preserving Genetic Diversity for the Future of Sustainable Agroforestry	\$19,437	Weston Lombard Solid Ground Farm
FNC22-1339	Participatory, Community-Driven Agriculture: A new model for small farms that actively engages customers in the cultivation of food and culture	\$14,970	Weston Lombard Solid Ground Farm
FNC22-1346	Small-scale Microgreen farming as a pathway out of poverty	\$15,000	Tom Phillips StarkFresh
FNC21-1304	Extending the Harvest Through Partnerships to Scale-up Value-added Local Food	\$9,000	Jeanine Seabrook Glass Rooster Cannery
FNC21-1303	Enhancing Midwest Hop Productivity Using Photoperiodism	\$9,000	Erik Scott Scott Farms
FNC21-1302	Investigating the Appropriate/Inappropriate Landing Theory in pumpkin production	\$2,995	Branden Schmurr Healthy Hills Farm

FNC21-1298	No water, no power, no problem! Sustainable small scale cut flower production with limited resources.	\$7,086	Morgan Rich Petal Flower Farm
FNC21-1277	The Costs and Benefits of Winter High Tunnel Supplemental Heat and Row Covering	\$8,931	Dana Hilfinger Roots, Fruits and Shoots, LLC
FNC21-1273	Indoor Rearing of the Eastern Oyster ( <i>Crassostrea virginica</i> ) within a Recirculation Biofloc Aquaculture System	\$18,000	Chandler Glover Grownup Vertical Farming
FNC20-1211	Growing Seedlings and Skills for Agroforestry: Integration of woody seedling and annual vegetable production	\$8,988	Jessica Burns Kelly's Working Well Farm
FNC20-1207	Improving oxygen transfer in a Recirculating Aquaculture System, to increase production and promote the sustainability of raising tilapia indoors.	\$26,990	Traci Bell Ripple Rock Fish Farms LLC
FNC20-1243	Mushroom cultivation as a way to get out of poverty	\$9,000	Tom Phillips StarkFresh
FNC20-1239	Improving Accelerated Lambing System through Data Management	\$8,489	Christine Morrow Rocky Knob Farms of Ohio
FNC19-1186	Comparing the Effectiveness of Four Advertising Channels: The Case Study of a Young Rural Beef Cooperative	\$25,530	Lori Nethero Buckeye Valley Beef Cooperative
FNC19-1191	The use of <i>Bacillus thuringiensis</i> spp. as a Biological Control for Small Hive Beetles ( <i>Aethina tumida</i> ) and Wax Moths ( <i>Galleria mellonella</i> and <i>Achroia grisella</i> ) inside Beehives	\$9,000	Nadia Ruffin Quiwi Produce
FNC19-1183	Permaculture Pond Restoration	\$7,240	Sasha Miller Purplebrown Farmstead
FNC18-1135	Figs as a Niche Crop in Northern Ohio	\$7,494	Timothy Malinich Hearthstone Berry Farm
FNC18-1139	Viability of Black Soldier Fly Larvae Production for Rabbit Waste Mitigation and as a Gamebird Protein Supplement	\$7,151	JERAH PETTIBONE Pettibone Urban Game

FNC18-1142	Economic Modification of Langstroth to AZ-Style Beehives to Enable Aging or Physically Limited Beekeepers to Begin/Continue Beekeeping and Improve Hive Care, Colony Health, and Production	\$14,986	Jeanne Saum Saum's Mini-Farm and Apiary
FNC18-1146	Mad About Saffron: Growing A Valuable Global Seasoning In The Midwest	\$14,927	Rachel Tayse Harmonious Homestead LLC
FNC18-1148	Optimal Hop Harvest Timing	\$12,005	David Volkman Ohio Valley Hops LLC
FNC17-1071	Evaluation of Semen Extenders for the Preservation and Shipment of Chilled Ram Semen	\$7,089	Donald Brown Promised Land & Livestock Co.
FNC17-1077	Efficacy of Horse and Donkey Manure Compost as an Economical Alternative to Commercial Biofungicides for Control of Phytophthora spp. Root Rot in Lavender Plants	\$6,888	Dr.Susan Giovengo, DVM PhD Greentan Farm
FNC17-1103	Mobile Hop Dryer	\$7,500	David Volkman Ohio Valley Hops LLC
FNC16-1024	Growing Mealworms as a Fish Feed for Sustainable Aquaponics	\$3,467	Barry Adler RainFresh Harvests
FNC16-1025	Economic Implications of Using Tomato Suckers to Produce Late Season Tomato Plants instead of Starting Late Season Plants from Seed	\$5,318	Sandy Ashmore That Guys Family Farm
FNC16-1040	Converting Residual Livestock and Deer Bones into a Locally-Produced Char/Fertilizer Soil Enhancer and Measuring Benefits for Small Farms in Southeast Ohio	\$22,500	Richard Jeffers Canaan Valley Farm
FNC16-1044	Field Testing The Mulberry for Commercial Production in the Midwest	\$7,481	Weston Lombard Solid Ground Farm
FNC16-1045	Viability of Using a Low Energy Air Pump to Aerate Freshwater Prawn Ponds	\$7,477	Don Maloney Don's Prawns & More

FNC16-1056	Formalizing Partnerships to Scale-up Value-added Local Food in Rural Ohio	\$7,500	Jeanine Seabrook Glass Rooster Cannery
FNC16-1061	Could Wort Serve as a Viable Soil Amendment?	\$7,452	Richard Stewart Carriage House Farm
FNC15-1003	In pond substrate to increase yield and size of freshwater prawns	\$7,477	Don Maloney Don's Prawns & More
FNC15-1008	Multi-farm Assessment of the Optimal Yield Performance in Six Hop Cultivars Grown Throughout Ohio	\$22,497	Dr.Steve Patterson Hop 'n' Pepper Farms, LLC
FNC15-1016	Mushrooms on Coffee Waste : effectiveness of incorporating locally available coffee chaff for improving the effectiveness of small-scale oyster mushroom production	\$921	Alan Susarret Probasco Urban Farm
FNC15-1017	Food Waste For Farms	\$21,800	Abbe Turner Lucky Penny Farm
FNC15-984	Let Pigs Eat Waste: Spice Acres to Reduce Landfill Waste and Lower Food Costs by Using Non-Meat Waste from Local Restaurants	\$7,492	Shawn Belt Spice Acres Andrea Heim Spice Acres
FNC15-987	North Coast Lamb Co-op: Using Carcass Scanning for Producer Production Criteria	\$20,526	Laura DeYoung The Spicy Lamb Farm
FNC15-995	A Model for Mitigating Giant Ragweed on Certified Organic Operations: Ag Engineering and Farm Tours	\$7,500	Michelle Gregg Code One Compliance
FNC14-962	Feeding Freshwater Prawns through Mechanical Means to Increase Yields and Size	\$7,477	Don Maloney Don's Prawns & More
FNC13-899	Development of a Cooperative Food Distribution Model for Small Farms	\$22,500	Alicia Bongue Muddy Fork Farm LLC
FNC13-901	Training farmers to perform artificial insemination in sheep	\$19,980	Don Brown Farmer
FNC13-916	Alley cropping in a hillside terrace system	\$2,834	Weston Lombard Solid Ground Farm

FNC13-937	Determining what Multi species (8 or More) cover crop mixes perform well in a corn and soybean crop rotation	\$22,500	Matt Vantilburg VTF Inc.
FNC12-847	Niche Nut Processing Project: Collaborating To Establish Nut Crop Production, Processing And Marketing In The North Central Region	\$22,493	Kurt Belser Project Leader
FNC12-848	Utilizing Homegrown Nitrogen from Legume Cover Crops for Corn Production	\$22,500	Jim Hoorman Ohio State University David brandt
FNC12-851	Grazing Corn Plants as an Alternative Summer Annual Forage for Growing Lambs to Reduce Chemical Dependency and Parasite Resistance to Chemicals	\$7,500	Curt Cline Cline Family Farms
FNC12-865	Preservation and Diversification of Heirloom and Antique Apple Varieties in Southern Ohio	\$4,395	Jo Huff Hillgate Farm
FNC12-869	A Continuing Study of Timing of Tillage/Aeration of Biologically Active Soils Concerning Soil Microbiological Activity, Nutrient Release to the Crop, Soil Vitality Levels and Crop Yield Response	\$14,950	Tim Kimpel (deceased) Kimpel Farms
FNC12-871	Sustainable Sweet Corn Production	\$5,574	Marissa Kruthaup Kruthaup Family Farm
FNC12-882	Variable Width Vegetative Buffers	\$7,482	Tony Murry, Jr. Murry Farms
FNC12-884	Proof of Concept and Prototype Development of a Novel Grape Washer Apparatus for the Small Family Farm Vineyard and Winery	\$7,500	Stephen Pearce Ohio River Vista Vineyard, Winery & Research Station
FNC10-794	Breeding Strategies for Improving Resistance to Gastrointestinal Nematodes in Wool Breeds of Sheep	\$17,640	Kathy Bielek Misty Oaks Farm

FNC10-797	Mulching with wool: opportunities to increase production and plant viability against pest damage while creating new regional markets for kempy (unsalable) wool.	\$5,995	Melinda O'Briant Turner Farm Katie Charlton-Perkins Turner Farm
FNC10-818	Livestock heavy use pad made from sawmill byproducts.	\$5,780	Brian Welch NA
FNC10-819	Increasing lavender production and oil producers through the use of hoop housing and soil amendments	\$6,000	Mike Prell Peaceful Acres Lavender Farm, LLC
FNC10-820	Creating a service center on our farm for expanding the sale of locally grown foods and local products	\$5,900	Amanda Hamrick Back to Basics Log Cabin Randy Hamrick Back to Basics Log Cabin
FNC10-825	Adding Value to Vegetables Through Live Fermentation.	\$6,000	Christopher Chmiel Integration Acres Ltd.
FNC09-756	Study and develop tillage practices and timing of tillage for incorporation of cover crop plant material that will enhance nutrient availability and yield for the next crop	\$5,990	Tim Kimpel (deceased) Kimpel Farms
FNC09-761	Partnerships in Food Waste Reduction through Vermiculture	\$5,740	Jeremy Gedert One20 Farm
FNC09-772	Elderberry Trials for Northern Ohio Growers; Demonstrations and Evaluations to Encourage Diversification	\$1,953	Timothy J Malinich The Ohio State University Extension
FNC09-774	Demonstrating Higher Yields and Market Opportunities of Mixed Annual and Perennial Intensive Planting in Appalachian Ohio	\$5,910	Michelle Ajamian
FNC09-775	Transitioning to Sustainable Agriculture Using Continuous No-Till and Cover Crops	\$18,000	Jeff Rasawehr
FNC09-780	Ohio Sheep Milk and Cheese Initiative	\$16,885	Abbe Turner Lucky Penny Farm
FNC09-783	Testing the Feasibility of Maple Syrup Production on Southern Ohio Family Farms	\$5,970	Christine Tailer



FNC09-786	Using Hydroponic Green Forage to Reduce Feed Costs in Natural Pork Production	\$6,000	Jack Donnelly
FNC09-789	Promoting the availability, growing, and processing of healthy, locally produced food using low cost, low tech equipment	\$5,340	Julie Kline
FNC09-792	Linking Local Food and Forests: Making the Connection with Bio-Char	\$17,983	Jonathan Sowash
FNC08-700	A sustainable approach for replacing winter honey bee colony losses using locally produced nucleus bee hives overwintered in polystyrene boxes	\$1,606	Joseph Latshaw
FNC08-708	Using Oilseed as Biological Plow to Reduce Soil Compaction and Recycle Nutrients	\$6,000	David brandt
FNC08-730	A Cooperative Small Farm Effort to meet Local Demand for Staple Seed Crops in the Appalachian Ohio Region	\$18,000	Brandon Jaeger
FNC08-743	Non-traditional Vineyard Canopy Management for Increased Crop Yield and Improved Fruit Quality	\$6,000	Stephen Pearce Ohio River Vista Vineyard, Winery & Research Station
FNC08-744	Community Orchards and Fruit Diversity and Proliferation Project	\$5,990	Michael St. Amour
FNC07-652	Early Lamb Weaning in a Pasture System to Reduce Summer Parasites and Chemical Dewormer Use	\$5,990	Curt Cline Cline Family Farms
FNC07-663	Growing Highly Nutritious Staple Food Crops Using Intensive and Sustainable Agriculture Systems	\$5,730	Brandon Jaeger
FNC07-670	Field study of technique for combining low-cost, herbicide-free control of woody invasives, in particular Ailanthus altissima, with production of edible mushrooms	\$5,218	Janell Baran

FNC07-673	Agroforestry: Transforming Unproductive Woodlots Into Productive Livestock Operations.	\$5,709	Ralph and Dawn McNerney Rockin' M Ranch
FNC07-675	Late Blooming-Disease Resistant Apple Breeding	\$8,760	John Lynd
FNC07-684	Sustainable Concrete Post Construction for Fencing and Trellising of Organic Crops	\$4,300	Stephen Pearce Ohio River Vista Vineyard, Winery & Research Station
FNC07-689	Building on Parasite Resistance Selection in Sheep	\$14,215	Kathy Bielek Misty Oaks Farm
FNC07-695	Evaluation of Production Efficiencies and Market Season Extension Options for RainFresh Harvests Year-Round Production of Herbs and Specialty Vegetables	\$5,750	Barry Adler RainFresh Harvests
FNC06-602	Marketing Bison as a Healthier Red Meat Alternative	\$5,985	Lyle Keller
FNC06-608	Organic Control of Fungus in Vineyards, Eliminating Chemical Sprays	\$6,000	Stephen Pearce Ohio River Vista Vineyard, Winery & Research Station
FNC06-613	The Next Step for yourfarms.com- A Local Marketing Cooperative Promoting Local Foods and Local Farms	\$18,000	Bill Harra
FNC06-621	Harvesting Honey For Direct Marketing	\$6,000	Lori McDole
FNC06-638	Freshwater Shrimp: Improved Nursery Technology Project	\$6,000	Bob Calala Calala's Water Haven
FNC06-640	Season Extension of Hay-Mulched Potatoes Using High Tunnels	\$5,990	Scott Salvage
FNC05-547	Reducing Dependence on Non-Renewable Energy by Using Biodiesel Instead of Petrol-Diesel	\$6,000	Micheal Roberts
FNC05-553	Measuring and Comparing the Impacts of Various Weed Control Methods on Field Restoration	\$4,611	Eric Johnson

FNC05-558	Two-Queen System within a Colony of Honeybees to Increase Honey Production, Protect Hive Health and Increase Revenues	\$6,000	James Kerns
FNC05-564	Grazing Forages High in Condensed Tannins and its Effect on Fecal Egg Counts in Meat Goats	\$6,000	Mark Scarpitti
FNC05-571	Black Walnut Hulls: Turning Trash into Treasure	\$5,847	Christopher Chmiel Integration Acres Ltd.
FNC05-581	Evaluating Winter Cover Crops for the Environment and for Profit	\$14,132	Steve Ellerbrock
FNC05-583	Selecting Sheep for Parasite Resistance	\$17,950	Kathy Bielek Misty Oaks Farm
FNC05-586	Development of Notropis spilopterus (spotfin shiner) Aquaculture Propagation Methods and Techniques	\$6,000	Steven C. Snyder
FNC04-510	RainFresh Harvests Year-Round Food Production System for Central Ohio	\$5,850	Barry Adler RainFresh Harvests
FNC04-512	Use of Acid Reclaimed Mine Land for Commercial Blueberry Production	\$6,000	Patricia Tillis Tillis Highlands Farm
FNC04-522	Development of a Sustainable Hazel Nut Production Industry for Noble County, Ohio	\$4,590	C. Linda Slater
FNC04-523	Sustainable Internal Parasite Control for Sheep in a Forage Based System	\$5,580	Kathy Bielek Misty Oaks Farm
FNC04-528	Organic Food Trail	\$5,624	Tim Patrick
FNC03-456	Culinary and Ornamental Herbs- Adding to a Grain and Livestock Family Farming Operation	\$5,500	Jody Rauch
FNC03-466	Sustainable Adapted Year-Round Production of Chemical-Free Strawberries	\$5,600	Mike Neeley

FNC03-468	Development and Testing of a Mycorrhizal Inoculum for Ericaceous Ornamental and Small Fruit Crops	\$5,100	Richard Poruban The Poruban Nursery
FNC03-490	Developing a Large-Scale Rotational Grazing System to Improve the Sustainability of and Profitability of a Cow-Calf Operation in Appalachia	\$6,000	John Lehman Washington Farms, Ltd
FNC02-388	Southern Ohio Shrimp Project	\$4,579	Polly Creech Polly's Prawns
FNC02-394	Agroforestry Practices of Ginseng and Goldenseal in Natural Stand of Hardwood Forest Trees	\$5,788	Jack Oxenrider
FNC02-403	Planning for Profitable and Sustainable Fiber Markets in Northeast Ohio	\$2,709	Fred Maier
FNC02-406	Northeastern Ohio Local Warehouse Distribution and Marketing Initiative	\$17,700	Dean McIlvaine
FNC02-413	Sustainable Blueberry Production Using Geotextile Fabric and Gravel Mulch for Weed/Water Management	\$5,475	William Nose
FNC02-414	Chinese Medicinal Plant Project	\$15,000	Cindy Riviere
FNC02-416	Country Living Field Day: A Method to Educate Farmers About Sustainable Agriculture Alternatives	\$18,000	Bob Givens
FNC02-420	Testing Food Grade Soybeans for Japanese Market	\$3,000	Perry Clutts
FNC02-425	Research and Development of a Small Farm Maple Syrup Operation in Jefferson Township, Montgomery County, Ohio	\$4,368	Clifton Williams
FNC01-336	Culinary Herbs for Direct Marketing	\$4,996	Jamey Rauch
FNC01-370	Micro Bakery	\$5,000	Carol Busson

FNC01-371	Using Animals to Manage Pawpaw Patches	\$4,960	Christopher Chmiel Integration Acres Ltd.
FNC01-372	Extending the Fall and Winter Grazing Period Using Turnips, Grazing Corn, and Rye	\$4,955	Jim Hoorman Ohio State University
FNC01-373	Building a High Value Market for the Whole Lamb	\$8,310	James Anderson
FNC01-381	Vermicompost of Agricultural Wastes into an Efficient Plant Growth Media in Order to Create a Sustainable Production System	\$2,310	Andrzej Kazek
FNC00-298	Winter Speaker Series for the Homerville Wholesale Produce Auction Growers	\$4,900	F W Owen
FNC00-310	Maximizing Profits by Grazing a Winter Cover Crop and Monitoring Nutrient Availability for the Subsequent Corn Crop	\$4,250	Christine Howard
FNC00-315	Increasing Production in Native Stands of Pawpaws	\$4,999	Christopher Chmiel Integration Acres Ltd.
FNC00-316	Best Cultivation Practices for At-Risk Medicinal Herbs	\$11,138	Charlie Hamber
FNC00-317	Cooperation Approach, of Farmer and Chef, to Create a Profitable Niche Market for the Small Farm that Would Increase the Variety and Use of Specialty Potatoes	\$2,398	Alicia Bongue Muddy Fork Farm LLC
FNC00-318	Low Input, Energy Efficient Greenhouse Construction Workshop Suitable for Northeastern Ohio	\$4,635	Ted Bartlett Silver Creek Farm
FNC00-330	Developing a Farm Marketing Association to Support Sustainable Agricultural Enterprises	\$3,860	Tom Puch
FNC99-247	Evaluating Corn Varieties for Ohio Organic Farmers	\$12,025	Charlie Eselgroth Innovative Farmers of Ohio

<a href="#">FNC99-269</a>	Cereal Rye Cover Crop for Control of Onion Grasses (Allium spp.)	\$2,777	Trevor Polley Long Branch Farm
<a href="#">FNC99-274</a>	Evaluating Sustainable Ag Products in Relationship to Cation Exchange Capacity and Base Saturation	\$5,000	Philip Price
<a href="#">FNC99-276</a>	Producing White Asparagus	\$2,290	Rich Tomsu
<a href="#">FNC98-214</a>	Alternate Vegetable Crop Irrigation System for Remote Areas	\$2,110	Kevin Smyth
<a href="#">FNC98-241</a>	Sustainable Viticulture for Midwestern Fruit Growers	\$5,000	Gene Sigel Chalet Debonne Vineyards
<a href="#">FNC97-197</a>	Linking Sustainable Agriculture Production with Low-income Consumer and Minorities	\$9,195	Eric Stewart
<a href="#">FNC96-136</a>	Multiple-site Evaluation of Cover Crops Established in Wheat Stubble	\$9,613	Rich Bennett
<a href="#">FNC96-141</a>	Alternative Management Strategies for European Red Mite in North Central Ohio Apple Orchards	\$9,722	Richard Eshleman
<a href="#">FNC95-104</a>	Protecting Beneficial Arthropods in Ohio Orchards	\$4,995	Bradley Phillips
<a href="#">FNC95-105</a>	Building Community in CSAs: A Canning Project	\$4,963	Ted Bartlett Silver Creek Farm
<a href="#">FNC95-108</a>	Measuring Benefits of Hairy Vetch Cover Crop for Corn Production and Evaluating a Portable Soil Nitrate Test Kit	\$1,815	Rich Bennett
<a href="#">FNC95-118</a>	Free-range Poultry: Production and Marketing	\$4,690	Linda Lee
<a href="#">FNC94-062</a>	Utilizing Chopped Waste Paper for Bedding in a Hog Operation	\$1,200	Daryl Bridenbaugh

FNC92-026	Evolution of Rotary Spader as Primary Tillage Tool in Various Soils	\$2,430	Christopher Werronen The Lake-Geauga CSA Project (1992) SOLDIERS TO SAWYERS LLC 501C19 PUBLIC CHARITY (2013-2019)
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**GRADUATE STUDENT GRANTS**

<b>Project #</b>	<b>Project Title</b>	<b>SARE Support</b>	<b>Project Leaders</b>
GNC23-378	Utilizing Shallow Geothermal Resources for Low-Cost Season Extension of Controlled Environmental Agriculture: Performance Evaluation and Design Tool	\$13,636	Dr.Ajay Shah Ohio State University Jaden Tatum Ohio State University
GNC23-377	How farmer cognition of complexity in agroecosystems affects decision-making about cover cropping	\$15,000	Dr.Matthew Hamilton The Ohio State University Prabhjot Singh Ohio State University
GNC22-351	Biological Soil Health and Water Quality in Sustainable Agroecosystems	\$14,912	Dr.Ryan Winston, P.E. The Ohio State University Dr.Margaret Kalcic University of Wisconsin-Madison Dr.William Osterholz USDA Agricultural Research Service Dr.VINAYAK SHEDEKAR THE OHIO STATE UNIVERSITY Christopher McNabb The Ohio State University
GNC21-333	Black Farmers and Climate Adaptation	\$14,968	Douglas Jackson-Smith Ohio State University Dr.Shoshanah Inwood Ohio State University -OARDC Maritza Pierre Ohio State University
GNC21-335	Exploring the synergistic potential of fungicides and parasites as stressors of bumble bee health and pollination services in greenhouse tomatoes	\$14,993	Dr.Frances Sivakoff The Ohio State University Emily Runnion The Ohio State University
GNC20-309	Effect of recurring flooding on greenhouse gas emissions, soil C and N contents and forage quality in grazing and hay fields.	\$13,488	Marilia Chiavegato Ohio State University Marina Miquilini Ohio State University
GNC20-308	The Use of Nematodes and Enzyme Activities For On-Farm Soil Biological Health Tests	\$10,875	Dr.Christine Sprunger Michigan State University Tvisha Martin The Ohio State University



GNC20-299	"How are you really doing?": Social Sustainability of Beginning Farmers	\$14,797	Dr.Michelle Kaiser Ohio State College of Social Work FIONA DOHERTY The Ohio State University College of Social Work
GNC19-278	Evaluation of Biological Control Agents as a Sustainable Disease Management Strategy for Fire Blight Control in Apples in Ohio	\$14,813	Melanie Ivey The Ohio State University Alejandra Jimenez Madrid The Ohio State University
GNC18-259	Prevention of Avian Pathogenic Escherichia coli (APEC) Infections in Poultry Using Novel Probiotics	\$11,817	Dr.Gireesh Rajashekara The Ohio State University Dipak Kathayat The Ohio State University
GNC18-260	Combined Effects of Inundative Biocontrol and Anaerobic Soil Disinfestation (ASD) Using Non-Host Cover Crops as Carbon Sources for Clubroot Management in Cruciferous Crops	\$11,995	Dr.Sally Miller The Ohio State University, Dept of Plant Pathology Ram Khadka The Ohio State University, Department of Plant Pathology
GNC18-272	I Do Not Think It Means What You Think It Means: Explorations of Mental Models of Soil Health	\$11,810	Dr.Steven Culman Ohio State University Dr.Jordon Wade University of Missouri
GNC17-246	Lady beetle in the city: Does diet overlap explain patterns of Native Lady Beetle Abundance in urban farms and greenspaces?	\$11,924	Mary Gardiner The Ohio State University Denisha Parker The Ohio State University
GNC17-248	Entomopathogenic Nematode Control of the Asiatic Garden Beetle, Maladera castanea, in Corn	\$11,995	Dr.Kelley Tilmon The Ohio State University Adrian Pekarcik The Ohio State University
GNC16-230	Augmentative Biological Control of Spider Mites on Hops	\$11,432	Celeste Wetly Ohio State University Susan Ndiaye The Ohio State University
GNC16-233	Next Generation Bees: Determining the Floral Resources that Support Wild Bee Reproduction and Pollination Services in Urban Agriculture	\$11,930	Mary Gardiner The Ohio State University Katherine Turo The Ohio State University Rodney Richardson York University
GNC13-180	Pesticide Contamination of Bees: Determining the Diversity and Concentration of Compounds found in Hives Located across Ohio Agricultural Landscapes	\$9,980	Mary Gardiner The Ohio State University Larry Phelan Ohio State University Scott Prajzner The Ohio State University - OARDC

GNC12-161	Efficacy of Naturally Occurring Anthelmintics in Fruit By-Products to Control Intestinal Parasites in Small Ruminants	\$9,900	Dr.Maurice Eastridge The Ohio State University Shirron LeShure The Ohio State University
GNC10-143	Measuring the Ecological and Economic Costs & Benefits of Native Perennial Floral Strip Addition on Beneficial Insect Abundance & Arthropod-mediated Ecosystem Services within Ohio	\$9,527	Mary Gardiner The Ohio State University Ben Phillips Ohio State University
GNC08-093	Recycling Nutrients with Cover Crops to Decrease Hypoxia/Eutrophication while Promoting Sustainable Crop Production	\$10,000	Dr.Khandakar Islam The Ohio State University South Centers Jim Hoorman Ohio State University
GNC07-073	Land Management Strategies for Watershed Restoration: An Integration of Spatial Modeling with Dynamic Programming	\$9,004	Brent Sohngen The Ohio State University Dr.Sujithkumar Surendran Nair Post Doctoral Researcher
GNC07-084	The Impact of Beauveria bassiana, Trichogramma, Bt Sprays, and Spinosad on the Lepidopteran (Crambidae) Cereal Stalk Borer- The European Corn Borer (Ostrinia nubilalis)	\$10,000	Daniel Pavuk Bowling Green State University Rostern Tembo Bowling Green State University
GNC06-070	Sustaining the Family Farm at the Rural Urban Interface: Farm Succession Processes of Alternative Food and Agricultural Enterprises and Traditional Commodity Farmers.	\$9,995	Jeff Sharp Ohio State University Dr.Shoshanah Inwood Ohio State University -OARDC
GNC05-052	Expanding local participation in conservation programs: Examining factors affecting conservation adoption among Old Order Amish in the Sugar Creek Watershed	\$9,823	Richard Moore Ohio State University Dr.Jason Parker The Ohio State University
GNC04-025	Factors associated with support for local food systems: The significance of class position	\$8,315	Jeff Sharp Ohio State University Molly Bean The Ohio State University, Rural Sociology Program
GNC04-030	Assessing Agricultural Soil Health and Sustainability of Different Management Practices Using Profiles of Bacterial Communities	\$9,912	Warren Dick The Ohio State University-OARDC Sougata Bardhan The Ohio State University-OARDC

GNC04-035	Control of adult striped cucumber beetle with a natural enemy parasitoid and an insect parasitic nematode	\$8,564	Celeste Wetly Ohio State University Stephanie Miller The Ohio State University
GNC03-015	Comparative Strategies for Accelerated Wetland Restoration on Agricultural Land	\$10,000	Martin Quigley Joshua Smith Ohio State University
GNC03-016	Comparing Antimicrobial Usage in Commercially-Raised and Organically-Raised Chickens and Turkeys and the Development of Antimicrobial Resistance in Campylobacter jejuni	\$10,000	Teresa Morishita Taradon Luangtongkum The Ohio State University
GNC02-008	Meat Goat Production from Traditional and Non-Traditional Forage Species Mixtures	\$10,000	David Barker Ohio State University Megan Burgess The Ohio State University

**ON FARM RESEARCH/PARTNERSHIP GRANTS**

<b>Project #</b>	<b>Project Title</b>	<b>SARE Support</b>	<b>Project Leaders</b>
ONC24-157	Soil and Crop Biology Testing - What It Means - Why Do It	\$49,107	Alan Sundermeier Conservation Action Project
ONC24-158	Ohio African Heritage Crop Project	\$49,999	Clare Thorn Central State University Extension
ONC24-155	Expanding opportunities of season-long row covers in cucurbit production using native pollinators	\$49,529	Dr.Logan Minter Ohio State University, South Centers
ONC23-136	Regenerative Farming Policy Fellowship Program	\$50,000	Jessica DAmbrosio The Nature Conservancy
ONC22-101	Use of a Cover Crop to Reduce Soil Crusting and Improve Soybean Emergence	\$39,859	Laura Lindsey The Ohio State University
ONC22-108	Budding Communication: Improving Sustainability and Communication in the Ohio Cut Flower Supply Chain with Availability Calendar and Database	\$40,000	Dr.Alcinda Folck Central State University
ONC22-111	Value Adding Culinary Chestnut Seconds Through the Development of a Marketable Fine Flour	\$39,662	Tom Redfern Rural Action

ONC21-096	New and Beginning Farmer Regenerative Agriculture Fellowship Program	\$40,000	Jessica D'Ambrosio The Nature Conservancy
ONC21-087	Soil Moisture and Temperature Monitoring in Different Field Management Conditions	\$39,993	Amanda Douridas The Ohio State University
ONC20-079	Expanding Appalachia Ohio's Artisanal Meat Production	\$39,407	Leslie Schaller ACEnet
ONC20-075	Low Spray Rosé: Alternative Fruits for Rosé Cider Production	\$39,922	Andrew Kirk Ohio State University-Ashtabula ARS
ONC19-062	Improving the Honeybee Queen Qualities and Genetic Diversity by Transferring Selected Queen Cells	\$40,000	Dr. Hongmei Li-Byarlay Central State University
ONC19-061	Early Leaf Removal Strategies for Bunch Rot Reduction in Pinot Noir Clones	\$39,977	Andrew Kirk Ohio State University-Ashtabula ARS
ONC18-041	Supporting Grape IPM Implementation in Ohio Vineyards Using the Network for Environment and Weather Applications (NEWA)	\$29,523	Melanie Ivey The Ohio State University
ONC18-047	Making sense of Soil Health Reports - A partnership to develop recommendations for soil health testing, interpretation	\$29,980	Margaret Kalcic Ohio State University Dr. VINAYAK SHEDEKAR THE OHIO STATE UNIVERSITY

#### SUSTAINABLE COMMUNITY INNOVATION GRANTS

Project #	Project Title	SARE Support	Project Leaders
CNE07-035	Southern Ohio alternative energy development	\$9,652	John Hemmings Ohio Valley Regional Development Commission

#### YOUTH EDUCATOR GRANTS

Project #	Project Title	SARE Support	Project Leaders
YENC24-212	Sowing Seeds for a Bright Future- Pathways to Success Greenhouse	\$6,000	Jennifer Cunningham Allen County Educational Services Center Mikki Kennedy Pathways to Success
YENC24-214	Urban Farm Apprenticeship at Franklinton Farms	\$5,976	Emma Gardner Franklinton Farms

YENC24-215	Cultivating Tomorrow's Stewards in Appalachia: Summer Sprouts Sustainable Agriculture Camp	\$4,988	Molly Gassaway Community Food Initiatives
YENC24-217	Pasture Raised Pioneers	\$5,645	Jennifer Johnston Zane Trace HS
YENC23-206	Eric Tanner Hydroponics	\$6,000	Eric Tanner Marlington Local School District Dan Swisher Marlington Local Schools
YENC23-202	Kids Gardening Club Year Round Farm2Table Exploration	\$5,668	Rebecca Rak Lodi Family Center Tracey George Lodi Family Care Center
YENC23-196	Learning 4 Life Farm Alpacas for Autism	\$6,000	Amy Hurst Learning 4 Life Farm
YENC23-194	G.E.A.R. (Gahanna Employability Adult Readiness) Gardens Project	\$5,945	Corinne Fields Gahanna Jefferson School
YENC23-192	Hydroponics-Based Sustainable Agriculture Vocational Training Opportunity for Students with Multiple Disabilities	\$3,342	Holly Dainton Edgewood High School Patti Bowers Edgewood City Schools
YENC22-175	Urban Farm for Akron-area Immigrant Youth and Their Families	\$6,000	Thomas Crain Shanti Community Farms, Inc.
YENC22-185	Farming the Forest: Empowering youth to nourish our community through hands-on agroforestry	\$5,996	Suzanne Slavens Elder Tree
YENC21-158	Sprout it Out Loud! Urban Farmer Apprenticeship (Sprout)	\$4,000	Emma Gardner Franklinton Farms Rachel General Franklinton Farms Molly Jo Stanley Franklinton Farms
YENC21-159	Where does your food come from? A farm-to-table project.	\$3,964	Sue Burleson Terra Cotta B&B and Burleson Farms
YENC21-160	Sprouts School Garden Programming: Planting the seeds of sustainable agriculture at an early age	\$3,984	Molly Gassaway Community Food Initiatives

YENC21-164	Sustainable Agriculture Business Development for Youth: A Comprehensive Online Video Tutorial	\$3,975	Weston Lombard Solid Ground Farm
YENC19-142	Cooperative Student Leadership Experience Pilot	\$3,946	Hannah Scott The Ohio State University College of Food, Agricultural, and Environmental Sciences Center for Cooperatives
YENC18-121	SIMBA/SIMSA Youth Urban Farming	\$2,000	Rev. Dr. Norman Brown J. Jireh Development Corp.
YENC17-115	Pioneer Pollinators	\$969	Jennifer Johnston Zane Trace HS
YENC16-107	Foodbanking and Farming with Dayton's Youth	\$2,000	Lee Lauren Truesdale The Foodbank, Inc.
YENC15-083	Healthy Growing, Healthy Eating: Youth gardening program	\$2,000	Kathrine Morris Famicos Foundation
YENC14-070	Scioto River Valley Sustainable Agriculture Youth Day	\$2,000	Brad Bergesford OSU Extension
YENC14-072	Community Giving Garden	\$1,978	April Hoy Stratford Ecological Center
YENC13-062	Advocating for Sustainable Agriculture in Grades K-12	\$2,000	Stephanie Jolliff Ridgemont FFA
YENC13-067	Sustainable Agriculture: Instruction, Application, and Community Outreach Utilizing Recirculating Aquaponics Systems	\$2,000	Dr. Kevin Savage Cincinnati Hills Christian Academy
YENC10-027	Direct Marketing Raspberries for a Healthy Community	\$1,977	Rodney Throckmorton Lighthouse Youth Center
YENC09-018	Youth Driven Community Service Garden	\$1,975	April Hoy Stratford Ecological Center

**YOUTH GRANTS**

<b>Project #</b>	<b>Project Title</b>	<b>SARE Support</b>	<b>Project Leaders</b>
YNC10-056	Hatching Heritage Breed Turkeys and Raising Pasture Poultry	\$367	JoAnn Grum youth

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**Total funding from the USDA SARE program to  
Ohio  
\$9,146,390**

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For further information on projects, contact North Central SARE at (612) 626-3113 or [ncrsare@umn.edu](mailto:ncrsare@umn.edu).

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