

AGRICULTURE PROJECTS FUNDED IN MASSACHUSETTS

by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2016

Massachusetts has been awarded \$7,285,634 to support 185 projects, including but not limited to, 41 research and/or education projects, 13 professional development projects and 79 producer-led projects. Massachusetts has also received additional SARE support through multi-state projects.

State Sustainable Agriculture Coordinator(s):

Katie Campbell-Nelson University of Massachusetts kcampbel@umass.edu (413) 545-1051

RESEARCH AND EDUCATION GRANTS

Project #	Project Title	SARE support	Project Leaders
LNE15-340	Building resilience and sustainability in dairy forage systems in New England	\$194,161	Masoud Hashemi UMass
LNE12-316	Tile drainage in Massachusetts cranberry production: Implementation and best management practices	\$205,836	Dr.Carolyn DeMoranville UMass Amherst Cranberry Station
LNE12-315	Towards sustainable disease management in northeastern apples using risk forecasts and cultural controls	\$201,078	Daniel Cooley Stockbridge School of Agriculture
LNE11-310	Farm Financing: Measuring Profitability and Success	\$79,720	Dorothy Suput The Carrot Project
LNE10-297	Expanding winter harvest and sales for New England vegetable crops	\$193,557	Ruth Hazzarad University of Massachusetts
LNE09-285	Nutrient management on organic vegetable farms: A research and education program for sustainable soil fertility management in southern New England	\$148,375	Dr.Beth Hooker Hampshire College Beth Hooker Mount Holyoke College
LNE09-284	Outreach, training, and education for small-scale poultry producers using MPPUs in Massachusetts	\$142,072	Jennifer Hashley New Entry Sustainable Farming Project
LNE08-270	Northeast Organic Wheat; an extension program for on-farm crop improvement in organic systems and local market partnerships	\$162,845	Eli Rogosa Northeast Organic Wheat
LNE07-257	Assessing pasture grasses, legumes and pasture blends for varying soil conditions in New England and Pennsylvania	\$211,989	Dr.Stephen Herbert UMass

2/10/2017	Masse	doridoctio Ordrito Elot	
LNE07-259	Farms Forever: A partnership approach to increasing farm transfer and succession in southeastern Massachusetts	\$122,212	Bridget Alexander Southeastern Massachusetts Agricultural Partnership, Inc. Sarah Kelley SE Mass. Agricultural Partnership (SEMAP) Jay Coburn Southeastern Massachusett
LNE07-255	On-farm workstays: Creating safe and lawful on-farm training opportunities in the Northeast	\$63,171	Judith Gillan New England Small Farm Institute
LNE06-238	Conserving end-of-season N with effective seeding dates for cover crops based on fall growing degree days	\$85,953	Dr.Stephen Herbert UMass
LNE06-250	Strengthening farmstead cheese businesses through risk assessment, reduction, monitoring, testing, and technical support	\$151,682	Dr.Lynda Brushett Cooperative Development I
LNE05-229	Implementing a sustainable greenhouse health maintenance program	\$83,637	Tina Smith University of Massachusetts
LNE05-217	Increasing the sustainability of Massachusetts cranberry production through cultural management of the bog habitat	\$169,885	Dr.Carolyn DeMoranville UMass Amherst Cranberry Station
LNE05-220	Increasing the use of sustainable forestry by farmers who have woodlots	\$112,625	Arthur Eve Massachusetts Woodlands Cooperative, LLC
LNE05-223	New Entry Sustainable Farming Project transitioning farmer program	\$133,468	Jennifer Hashley New Entry Sustainable Farming Project
LNE04-202	Achieving High Quality Brassica Crops on Diversified Vegetable Farms	\$126,956	Ruth Hazzarad University of Massachusetts Kimberly Stoner Connecticut Agricultural Experiment Station
<u>LNE04-198</u>	Integrated and Sustainable Wine Grape Production in Southern New England	\$100,000	William Coli University of Massachusetts Extension
<u>LNE02-157</u>	Educating Northeast New Farmers about Farm Equipment & Mechanization	\$119,491	Judith Gillan New England Small Farm Institute
LNE02-163	Energy & Small Farm Sustainability	\$88,548	Nancy Nylen CET (Center for Ecological Technology)
LNE02-165	Marketing Ecologically Grown Produce in the Mainstream Marketplace	\$150,000	Michael Rozyne Red Tomato
LNE02-169	Northeast Organic Farming Association Organic Practices Handbook Series	\$33,014	Jonathan von Ranson
LNE02-161	Nutrient Recycling in Urban Agriculture	\$92,230	Judy Lieberman Brookwood Community Farm

LNE01-142	Providing Farmers with New Brassica Species & Management Options of Flea Beetles for Expanding Markets in Mass. & Conn.	\$135,632	Frank Mangan University of Massachusetts
LNE00-136	CSA in the Northeast: Growing the Movement	\$49,063	Kathy Ruhf New England Small Farm Institute
LNE00-135	Toward Sustainability in Northeastern Apple Production: Orchard Ecosystem Architecture, Key Pests, and Cultivar Selection	\$134,030	Daniel Cooley Stockbridge School of Agriculture
LNE99-118	Implementing a Biointensive Strategy for Caterpillar Control in Sweet Corn	\$68,265	Ruth Hazzarad University of Massachusetts
LNE99-119	Training & Supporting the Next Generation of Northeast Sustainable Farmers	\$108,449	Kathy Ruhf New England Small Farm Institute
<u>LNE98-107</u>	Integrated Management of Cranberry Insect, Weed & Disease Pests Using Fall & Spring Floods	\$130,000	Dr.Carolyn DeMoranville UMass Amherst Cranberry Station
<u>LNE98-112</u>	Strengthening CSA in the Northeast: Next Steps	\$57,733	Kathryn Ruhf Northeast Sustainable Agriculture Working Group
LNE97-092	Chinese Medicinal Herbs as Crops for the Northeast	\$60,716	Lyle E. Craker University of Massachusetts
LNE97-090	Integrating High-Density Orchards and Biointensive Integrated Pest Management Methods in Northeastern Apple Production	\$121,535	Daniel Cooley Stockbridge School of Agriculture
LNE96-076	Outreach and Training for On-farm Composting	\$60,091	John Majercak Center for Ecological Technology
LNE95-063	Community Supported Agriculture: Research and Education for Enhanced Viability and Potential in the Northeast	\$159,000	Daniel A. Lass University of Massachusetts
<u>LNE94-050</u>	Water Management to Minimize Pesticide Inputs in Cranberry Production (ANE94.21)	\$96,940	Dr.Carolyn DeMoranville UMass Amherst Cranberry Station
ANE94-021	Water Management to Minimize Pesticide Inputs in Cranberry Production (LNE94-050)	\$96,940	Dr.Carolyn DeMoranville UMass Amherst Cranberry Station
LNE92-031	Demonstrating the Economic and Environmental Advantages of Legume Cover Crops to New England Growers	\$100,000	Dr.Stephen Herbert UMass
LNE91-028	The Northeastern Farmer-to-Farmer Information Exchange	\$48,168	Margaret Christie NOFA Interstate Council
LNE90-026	Alternative Strategies for Cranberry	\$128,458	Anne L. Averill

Production in the Northeast University of Massachusetts

LNE88-005 Cover Crops for New England Vegetable \$170,000 Growers: On-Farm Research, Economic

170,000 Ralph DeGregorio

Analysis and Outreach

New Alchemy Institute

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

	PROFESSIONAL DEVELOPMENT PROGRAM GRANTS					
Project #	Project Title	SARE support	Project Leaders			
ENE15-140	Unifying resistance management education for vegetable and fruit production in the Northeast	\$91,512	Dr.Hilary Sandler UMass Cranberry Station			
ENE14-132	Improving the viability of beginning farm enterprises by strengthening Northeastern farm incubator projects	\$163,342	Jennifer Hashley New Entry Sustainable Farming Project			
ENE08-106	Beginning Farmer Business Training and Education Partnership Project	\$135,630	Judith Gillan New England Small Farm Institute			
ENE05-093	Demonstrating effective grass farming practices	\$82,720	Matthew LeRoux New England Livestock Alliance			
ENE05-092	Northeast Network of Immigrant Farming Projects	\$80,904	Jennifer Hashley New Entry Sustainable Farming Project			
ENE05-090	Strengthening Farmers' Markets Through Advanced Business Training and Mentoring	\$62,600	Dr.Lynda Brushett Cooperative Development I			
ENE04-087	Building Professional Support for Institutional Purchasing & Buy Local Campaign Programs	\$124,376	Kathryn Ruhf Northeast Sustainable Agriculture Working Group			
ENE02-065	Cooperation Works Professional Development Program	\$62,600	Lynn Benander Cooperative Development Institute			
ENE02-071	Leadership Training on Farmland Conservation for New England and New York	\$57,513	Julia Freedgood American Farmland Trust			
ENE01-060	Neighborhood Open Spaces Training	\$30,000	Elizabeth Johnson Boston Natural Areas Network			
ENE01-062	Training Agricultural Professionals to Meet the Needs of Small Farmersphase II	\$112,539	David Smith Cornell University Kathy Ruhf New England Small Farm Institute			
ENE98-039	Northeast Training & Support Network for Agriculture Development	\$132,392	Kathryn Ruhf Northeast Sustainable Agriculture Working Group			
ENE97-034	CSA - Building a Future for Farming in the Northeast	\$25,190	Elizabeth Keen Community Supported Agriculture of North America (CSANA)			

FARMER/RANCHER GRANTS

1 10 1000 1 110 000 1 110 00 00 00 00 00	Project #	Project Title	SARE support	Project Leaders
------------------------------------------	-----------	---------------	--------------	-----------------

FNE16-852	Effective use of alfalfa as a trap crop for potato leafhoppers in hops	\$14,535	Nathan L'Etoile Four Star Farms, Inc.
<u>FNE16-861</u>	Expanding sustainable shellfish aquaculture: Optimizing growth and survival in a bay scallop nursery system	\$14,940	Dr.Daniel Ward Ward Aquafarms, LLC
FNE16-847	Improving yields of shiitake cultivation in the Northeast by selecting appropriate strains	\$14,976	Willie Crosby Fungi Ally
FNE16-859	Pigs on pasture: An assessment of pasture health, pork quality, and ecosystem rebound after rotational grazing	\$14,752	Pete Solis Hampshire College
FNE15-818	A performance comparison of three honeybee nucleus colony configurations in Massachusetts	\$14,987	Daniel Berry Invisible Cities Apiary
FNE15-825	Alternative growing practices for oyster mushroom cultivation in the Northeast	\$14,095	Willie Crosby Fungi Ally
FNE15-827	Bringing local back to kosher: A new pathway for sustainable poultry processing	\$13,475	Robert Friedman Robariah Farms
FNE15-835	Evaluating Malting Barley Production in New England Using a Winterkill Cover Crop Cocktail Combined With Flame Weeding and No Till Planting	\$14,936	Matthew Zarif Carter & Stevens Farm
FNE14-792	A comparison of traditional nitrogen and nutrient-dense fertilization regimes in organic potato production	\$12,058	Jeremy Barker Plotkin Simple Gifts Farm
FNE14-795	Cultivation of gourmet mushrooms using brewer's spent grain	\$14,997	Julia Coffey Mycoterra Farm
FNE14-805	Evaluating the efficacy of multiple foliar sprays for soil health, pasture quality, and cow productivity	\$14,913	Suzanna Konecky Cricket Creek Farm
FNE13-772	Breeding program for novel disease- resistant cider apple cultivars	\$8,060	Jonathan Carr Carr's Ciderhouse
FNE13-778	Martha's Vineyard fibershed project	\$6,987	Rebecca Gilbert Native Earth Teaching Farm Elizabeth Toomey
FNE13-790	Sugar kelp and triploid oyster production to promote sustainable integrated multitrophic aquaculture	\$14,970	Dr.Daniel Ward Ward Aquafarms, LLC
FNE12-766	Annual artemisia as a high-value crop and for weed control	\$7,168	Dwight Sipler small farm
FNE12-751	Effects of controlled disturbance within early-successional northeastern forest	\$14,976	Kathleen Kerivan Bug Hill Farm

10/2017		Wassasilasetts Starits Eist	
	habitat: Evaluating soil quality, plant production, and economic feasibility		
FNE12-748	Evaluation of inexpensive wireless sensor networks for managing small vegetable farms	\$14,951	Larry Manire Databasics Dan Kaplan Brookfield Farm
FNE12-750	Ivermectin residue in vegetable plants and compost	\$8,976	Amylynn Kemp Alpaca Obsession, LLC
FNE12-761	Mas-D-Tec mastitis tool for dairy goats	\$9,950	Elizabeth Mulholland Valley View Farm
FNE12-769	Subtidal oyster aquaculture: Creating safe and efficient production techniques through sustainable innovations	\$13,222	Dr.Daniel Ward Ward Aquafarms, LLC
FNE12-765	Wireless greenhouse monitor and alarm	\$9,992	Benjamin Shute Hearty Roots Community Farm
<u>FNE11-728</u>	Winter Grazing in the Northeast	\$10,322	Ridge Shinn Out of the Woods Farm
FNE10-685	"Turfing" in renovation of cranberry bogs	\$12,700	Jennifer Friedrich The Edible Yard
FNE10-686	Entrust vs. Pyganic Insecticide in Perimeter and Internal Trap Crops in Organic Winter Squash	\$5,207	Nancy Hanson Hampshire College
FNE10-677	Soil and Plant Properties in Cardboard Mulch Prepared No-Till Beds	\$6,107	Rachel Scherer Heritage Fields Farm Richard Baruc Seeds of Solidarity Farm
FNE09-659	Perimeter and Internal Trap Cropping in Organic Winter Squash	\$4,271	Nancy Hanson Hampshire College
FNE08-642	Integrating poultry and sheep on vegetable cropping land for increased economic return and enhanced fertility	\$7,807	Peter Lowy Pete and Jens Backyard Birds
FNE08-637	Perimeter and internal trap cropping in organic winter squash	\$4,846	Nancy Hanson Hampshire College
FNE07-596	Greenhouse Ginger Cultivation in the Northeast - Part II	\$8,800	Melissa Bahret Old Friends Farm
FNE06-564	Greenhouse ginger cultivation in the Northeast	\$7,282	Melissa Bahret Old Friends Farm
FNE06-578	Innovative methods of capturing solar heat for earlier harvests	\$6,963	Paul Lacinski Sidehill Farm
FNE06-585	Proposal to study the influence of winter	r \$8,455	Jonathan Parrott

/13/2017	Massa	chusetts Grants List	
	hive humidity on honey bee survival in western Massachusetts		
FNE06-574	Winter squash perimeter trap cropping for the organic grower	\$5,258	Nancy Hanson Hampshire College
FNE05-543	Control of chalkbrood in honeybees with essential oils	\$6,671	Daniel Conlon Warm Colors Apiary
FNE05-552	Cover crops for improving soil health in sweet corn	\$2,186	Peter Lowy Pete and Jens Backyard Birds
FNE05-560	Effects of hive wrapping strategies on honey bee survival in western Massachusetts	\$4,500	Jonathan Parrott
FNE05-542	Sub-tidal aquaculture of surf clams	\$9,365	John Baldwin Seafood Divers, Inc
FNE04-535	Development of an Intertidal Upweller Nursery for Shellfish Aquaculture	\$5,730	Bethany Walton Sunken Treasures Shellfish Company
FNE04-506	Testing Three Methods of Introducing Russian Honeybee Queens into Italian Honeybee Packages	\$9,530	Daniel Conlon Warm Colors Apiary
FNE03-463	Bay Scallop Aquaculture and Market Development	\$9,224	Robert Garrison Wampanoag Aquinnah Shellfish Hatchery
FNE03-474	Comparative Study of Weed Management Tools in Vegetables and Berries: Old and New	\$3,642	Timothy Laird MA Audubon Society, Inc
FNE03-480	Evaluation of Liquefied Manure from the Cranberry Bog/Partitioned Aquaculture System Fish Farm Applied as a Fertilizer for Land-Based Crops	\$5,500	Brad Morse DoubleM Cranberry Company, Inc
FNE03-490	Performance Evaluation of Different Strains of Honeybees in the Northeast	\$1,845	M. Spensley Rickert
FNE03-452	Selecting Heirloom Tomato Varieties for Disease Resistance	\$5,150	Jeremy Barker-Plotkin
FNE03-499	Sheep Pasture Improvement and Planting for Drought Resistance	\$2,522	Richard Tripp
FNE03-484	Silvopasture in the Northeast	\$6,243	John O'Meara
FNE02-418	High-Density: Container-Grown Raspberry Production	\$9,493	William Hamilton
FNE02-443	Production of Nutrient Enhanced Compost and Compost Tea Using	\$7,905	Ed Stockman Summit Farm

	Vermiculture Technology		
FNE02-433	Sustainable Practices for the Field Grown Perennial Cut Flower Grower	\$6,630	Cary Quigley
FNE01-372	Comparison of Standard Broiler Chicken Breeds on Pasture	\$2,750	Don Franczyk
FNE01-393	Economic Feasibility of Growing Organic Cherry Tomatoes in High Polytunnels for Direct Market Venues	\$1,300	Ed Stockman Summit Farm
FNE01-386	Education About Sustainable Pest Management with Hmong Farmers	\$5,100	Maria Moreira Manny's Dairy Farm
FNE01-399	Field Testing of Modified New Zealand Oyster Cylinders	\$6,400	Rulon Wilcox
FNE01-355	Heirloom Tomato Variety Trials	\$2,600	Jeremy Barker-Plotkin
FNE01-388	Low-Input Vine Crop Production	\$1,915	M. Spensley Rickert
FNE01-387	Using Hardwood Ramial Woodchips as a Time-Saving Mulch for Weed Control	\$3,908	Michael Pollitt
FNE00-292	Biological control of tomato foliar diseases	\$1,320	Jeremy Barker-Plotkin
FNE00-350	Enhancing the growth of lavender.	\$3,839	Denise Schwartz
FNE00-347	Marketing database for ethnic markets.	\$5,200	Shannon Rice
FNE00-325	Multipurpose windbreaks for the protection of vegetable crops and production of fruit and nut crops.	\$3,500	Jeremy Barker-Plotkin
FNE99-234	"Green" Greenhouse: An Affordable, Energy Efficient Greenhouse for Cold Climates	\$2,511	Colleen Caffery
FNE99-280	A Low-Cost Method of Trapping Out Apple Maggot Flies	\$1,062	Maurice Tougas
FNE99-256	Growing Cranberry Specific Parasitoids for Application on Organic Cranberry Bogs	\$2,675	Kristine Keese Cranberry Hill Farm
FNE98-215	Testing-Wetness Hour Models to Predict Need for Summer Fungicide in New England	\$1,223	Thomas Clark

FNE97-160	Echinacea Field Trials	\$1,730	Angela Baker
FNE97-164	High Tunnel Strawberries for New England	\$2,720	Doug Coldwell
FNE97-174	Regulation of lateral branching in Genovese Basil (Ocimum basilicum) via application of bacterial spray	\$1,152	George Kellett
FNE97-184	Using Dogs to Control Bird Depredation of Blueberries	\$2,900	Arthur and Rudolph Valonen
FNE96-153	Commercializing State-of-the-Art Thermal Aquatic Technology for Orchard Weed, Fungi, and Insect Control	\$5,670	Timothy Smith
FNE96-131	High Density Planting for Weed, Disease and Pest Management in Commercial Strawberry Production	\$8,381	Clifford Hatch
FNE96-141	The Use of Ethylene as a Chemical Pinching Agent on Floricultural Crops	\$5,000	Peter Konjoian
FNE95-102	Development of Woodlands Growing Method for New England Native Wildflowers & Medicinal Plants	\$1,850	Susan Minnich Coles Brook Farm
FNE95-087	Organic Weed Management in Commercial Strawberry Production	\$6,215	Clifford Hatch
FNE95-094	The Use of Ethylene as a Chemical Pinching Agent on Floricultural Crops	\$3,750	Peter Konjoian
FNE94-049	Demonstration of Reduced Fungicides for Control of Cranberry Fruit Rot	\$1,180	Clark A. Griffith
FNE94-070	Organic "Bag Culture" of Greenhouse Peppers	\$5,000	Miranda Smith
FNE94-041	Trough Sub-Irrigation Versus Traditional Overhead Watering	\$2,712	Stacey Chapley
FNE93-020	Demonstrating a Sustainable Agricultural System by Using Beneficial Insects	\$1,306	James I. Munger
FNE93-003	Integrated Crop Management for Greenhouse Bedding Plants with Emphasis on Biological Control	\$1,199	Don Ziegler

GRADUATE STUDENT GRANTS

Project #	Project Title	SARE support	Project Leaders
GNE16-114	Improving basil downy mildew control	\$14,999	Kelly Allen

	with cultural and biological methods		University of Massachusetts Amherst
<u>GNE15-102</u>	Dual purpose cover crops for grazing season extension, nematode management, and improved resiliency on dairy farms	\$15,000	Sam Corcoran University of Massachusetts
GNE14-078	Fava beans: A new multipurpose crop for New England	\$14,995	fatemeh etemadi umass
GNE14-080	Integrating no-till and forage radish cover crops for sustainable early sweet corn production	\$14,955	Julie Fine Univ. of Massachusetts, Amherst
<u>GNE14-075</u>	Physiochemical and soil biota response to biochar in agricultural soils	\$13,022	Emily Cole University of Massachusetts Amherst
<u>GNE13-058</u>	Costs and returns to New England farmers in the farm-to-institution supply chain	\$14,745	Jill Fitzsimmons University of Massachusetts Amherst
<u>GNE13-066</u>	Management practices for production of local malting barley in Northeast	\$13,967	Amir Sadeghpour University of Massachusetts Caroline Wise UMass Amherst
GNE13-061	Reducing nitrate contamination of groundwater using cover crop mixtures and tailoring nitrogen fertilizer	\$14,943	Dr.Emad Jahanzad Pennsylvania State University
GNE12-048	Community supported agriculture and the complexities of survival	\$15,000	robert wengronowitz Boston College
GNE12-040	Developing a sustainable automated spring frost cycling protection method in cranberry production	\$14,223	Faith Ndlovu University of Massachusetts Amherst
<u>GNE11-018</u>	Hand-held Flame Cultivation: Developing a sustainable weed control method in cranberry production	\$14,992	Katherine Ghantous UMass Cranberry Station

ON-FARM RESEARCH/PARTNER GRANTS

Project #	Project Title	SARE support	Project Leaders
ONE16-255	Building loyalty: Testing the efficacy of farmers market loyalty programs to engage the community and enhance sales	\$14,999	Margaret Christie Community Involved in Sustaining Agriculture (CISA)
ONE16-261	Connecting with institutional markets for World PEAS Food Hub participants	\$15,000	Jennifer Hashley New Entry Sustainable Farming Project
ONE16-277	Grain bikes: Human-powered seed processing tools for small farms	\$13,734	Jan Yoder Vogler Woodmetalcanvas
ONE16-281c	Nitrogen contribution from cover crops for vegetable crop uptake	\$11,067	Katie Campbell-Nelson University of Massachusetts
ONE15-236	Crop quality and food safety support for	\$15,000	Jennifer Hashley

	World PEAS Food Hub participants		New Entry Sustainable Farming Project
ONE15-231	Evaluation of biological fungicides to control diseases of spinach in winter high tunnels	\$14,982	Katie Campbell-Nelson University of Massachusetts Susan Scheufele, Scheufele UMass Extension Vegetable Program
ONE 15-248	Making it happen: Profitability and success	\$14,973	Dorothy Suput The Carrot Project
ONE15-233	Supplying Demand: Optimizing Improvements to the Local Food Value Chain in Western Massachusetts	\$14,974	Margaret Christie Community Involved in Sustaining Agriculture (CISA)
ONE14-209	Coppicing for Northeastern farms: Farmer feedback and coppice system case studies	\$14,996	Dave Jacke Dynamics Ecological Design
ONE14-207	Expanding the Beginning Farmer Network of Massachusetts	\$14,982	Jennifer Hashley New Entry Sustainable Farming Project
ONE14-227	Profitability in farm-to-institution sales in Massachusetts	\$14,891	Lisa Damon Mass. Farm to School
ONE13-193	Evaluation of corn gluten meal for preemergence weed management in cranberry	\$10,578	Dr.Hilary Sandler UMass Cranberry Station
ONE13-183	Pastured poultry enterprise: Profits, production, and processing support with new and diversifying small-scale farms	\$14,987	Jennifer Hashley New Entry Sustainable Farming Project
ONE12-159	Comparative influences of hive architecture in Apis mellifera fitness.	\$14,999	Dr.James Harding Green Mountain College Valerie Hetzel Green Mountain College
ONE11-147	Raw Milk Producers Manual	\$8,563	Winton Pitcoff NOFA/Massachusetts
ONE10-131	Irrigation and Nutrient Management to Maximize Vegetable Yield and Minimize Pollution	\$14,986	Dr.Jed Waddell Smart Farming
ONE09-096	Appletesters.net, A grower directed research tool for growers to access apple variety characteristics in order to better make planting decisions	\$9,999	Winfred Cowgill Rutgers University
ONE06-059	Troubleshooting concerns associated with direct long cut vacuum grass silage	\$7,572	Sue Ellen Johnson New England Small Farm Institute
ONE03-013	Impacts and comparisons of pruning and sanding on cranberry uprights and yield production	\$4,864	Dr.Hilary Sandler UMass Cranberry Station
ONE03-001	Sharing our advances: Evaluating the use of plastic mulch and trickle irrigation systems in Asian vegetable production	\$9,789	Amy Carrington New Entry Sustainable Farming Project

Project #	Project Title	SARE support	Project Leaders
<u>CNE13-102</u>	Community INVESTED in Sustaining Agriculture: Building the Network for Investment in a Local Food System	\$15,000	Margaret Christie Community Involved in Sustaining Agriculture (CISA)
CNE13-105	Helping farmers create group-owned farm businesses	\$14,996	Faith Gilbert The Greenhorns
CNE12-100	Community Farmland Connections through a Targeted GIS Identification and Outreach Approach	\$14,953	Jennifer Hashley New Entry Sustainable Farming Project
CNE12-094	Finding Common Ground to Protect Public Health: Convening Town Board of Health Officials and Local Farmers to Support Direct Marketing and Value- added Production	\$14,999	Kelly Coleman Community Involved in Sustaining Agriculture
<u>CNE12-098</u>	The Farm Institute's Pilot Parcels Project	\$14,520	Jonathan Previant The Farm Institute
<u>CNE11-085</u>	Improving Technical Assistance for Emerging Food-Based Businesses	\$15,000	Margaret Christie Community Involved in Sustaining Agriculture (CISA)
<u>CNE11-088</u>	Many Hands Farm Corps	\$14,995	Ryan Karb Many Hands Farm Corps
<u>CNE10-078</u>	Enhancing Farmer Access to Sustainable Shellfish Aquaculture Areas: An Ecosystem Approach	\$15,000	Owen Nichols Provincetown Center for Coastal Studies
CNE10-071	Pioneer Valley Heritage Grain Project	\$14,883	Ben Lester Pioneer Valley Heritage Grains
CNE09-057	Building a case for local agricultural infrastructure	\$24,968	Margaret Christie Community Involved in Sustaining Agriculture (CISA)
<u>CNE08-045</u>	Bringing us together: A project to develop and strengthen the connections to our farms	\$7,178	June House Rehoboth Agricultural Commission
<u>CNE08-041</u>	Connecting farmers and community to grow year-round sales of local agriculture products	\$9,968	Kelly Coleman Community Involved in Sustaining Agriculture
<u>CNE08-048</u>	Gaining Ground in Maine	\$10,000	Jim Oldham Equity Trust
CNE08-039	Island Grown Initiative Poultry Program on Martha's Vineyard	\$9,397	Alice Berlow Island Grown Initiative Richard Andre Island Grown Initiative
CNE08-053	Pilot Investment Project	\$10,000	Dorothy Suput The Carrot Project

<u>CNE08-042</u> \$7,457

2/13/2017	Massachusetts Grants List			
	Target: Hunger farmers' markets (Springfield and North Berkshire)		Lori-Anne Russo The Food Bank of Western Massachusetts	
<u>CNE07-019</u>	Building the skills: Strengthening farm-to- school relationships, strengthening communities	\$9,861	Kelly Coleman Community Involved in Sustaining Agriculture	
<u>CNE07-024</u>	Growing Carver community connections	\$9,800	Jack Hunter Department of Planning and Community Development	
<u>CNE07-025</u>	Mattapan food system project	\$10,000	Judy Lieberman Brookwood Community Farm	
<u>CNE07-028</u>	The Carrot Project: Farmers' financing needs assessment	\$10,000	Dorothy Suput The Carrot Project	
CNE06-010	Building partnerships and support for a regional farm-link effort in southeastern Massachusetts	\$8,902	Sarah Kelley SE Mass. Agricultural Partnership (SEMAP)	

Total funding from the USDA SARE program to Massachusetts \$7,285,634





For further information on projects, contact Helen Husher, Northeast SARE communications specialist, at (802) 656-7923 or helen.husher@uvm.edu.

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