
AGRICULTURE PROJECTS FUNDED IN VERMONT
by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2009

Summary: Vermont has received \$5,091,552 to support 146 projects, including 34 research and/or education projects, 15 extension projects and 81 producer-led projects. Vermont also has received additional SARE support through multi-state projects.

State sustainable agriculture extension coordinator(s): Debra Heleba, Center for Sustainable Agriculture

Project #	Project Title	SARE support	Project Leader	Organization
LNE09-282	Improving Oilseed Production and Harvesting Practices in New England: A Farmer-to-Farmer Exchange	\$109,306.00	Heather Darby	University of Vermont Extension
LNE09-280	Marketing On-farm Compost for Sustainability & Economic Viability	\$43,258.34	Athena Lee Bradley	The Northeast Recycling Council, Inc.
LNE09-283	Integrated Learning Courses for Organic and Sustainable Vegetable Production	\$147,369.00	Wendy Sue Harper	Northeast Organic Farming Association of Vermont
LNE08-267	Increasing Farm Profitability through Agritourism Product Development and Marketing	\$89,563.00	Lisa Chase	University of Vermont Extension
LNE07-260	Burlington food hub: Innovative direct marketing opportunities	\$98,429.00	Kit Perkins	Intervale Center
LNE07-254	Improving pasture management for horses	\$60,210.00	Rachel Gilker	UVM Ctr. For Sustainable Ag.
LNE06-243	Dairy Stewardship Alliance: On-farm assessment for sustainable practices	\$86,157.00	Allen Matthews	UVM Ctr. For Sust. Ag.
LNE05-222	New England LEAD Program	\$52,000.00	Jackie Folsom	VT Farm Bureau Fund. For Ag., Inc.
LNE05-233	Community Market Project	\$94,746.00	Enid Wonnacott	NOFA-VT

Project #	Project Title	SARE support	Project Leader	Organization
LNE04-200	Implementing Dairy Goat Nutrition Programs for Improvement of Farm Sustainability	\$135,246.00	Carol Delaney	UVM-Dept. of Animal Sci.
LNE04-205	Developing Sustainable Local food Sales to a College Institutional Market	\$51,500.00	Lisa Johnson	Vital Communities
LNE03-187	Vermont Food Education Every Day (VT FEED)	\$131,547.00	Abbie Nelson	NOFA-VT
LNE03-184	Integrated Learning Courses for Sustainable Livestock Production	\$123,216.00	Lisa McCrory	NOFA-VT
LNE03-185	Pasture Forage Quality and Yield Response to Irrigation, N Fertilizer and Organic Amendments	\$69,852.00	Bill Murphy	UVM
LNE01-151	Vermont Dairy Farm Sustainability Project	\$96,800.00	Greg Weber	VT Dairy Farm Sustainability Project
LNE99-124	VT Forest Products Industry Conference	\$10,000.00	Mary Jeanne Packer	VT Wood Manufacturers Association
LNE99-114	Farm Generated Compost on Grasslands	\$1,660.00	Sam Dixon	Shelburne Farms
LNE98-104	Controlling Pests of Pastured Livestock on Organic Farms	\$32,590.00	William Murphy	University of Vermont
LNE97-097	Documentation of Organic and Transitional Dairy Production Practices	\$43,986.00	Enid Wonnacott	NOFA-VT
LNE97-086	Evaluation and Documentation of Homeopathic Nosodes in Organic and Conventional Dairy Production	\$161,026.00	Lisa McCrory	Northeast Organic Farming Association
LNE97-087	Managed Riparian Buffer Zones and Cover Crops to Minimize Phosphorus and Nitrogen Runoff Losses from Corn Fields	\$142,448.00	William Jokela	University of Vermont, Dept. of Plant and Soil Science
LNE96-066	Evaluating a Heat Therapeutic Control of the Honey Bee Mite Varroa jacobsoni	\$20,000.00	Jeff Cunningham	
LNE96-075	Northeast Kingdom Nutrient Management Project	\$18,920.00	David Machell	Caledonia County NRCD

Project #	Project Title	SARE support	Project Leader	Organization
LNE96-079	New England Sustainable Agriculture Conference - 1997	\$36,478.00	Kate Duesterberg	Center for Sustainable Agriculture, University of Vermont
ANE95-023	Development of Fungal Entomopathogens for Greenhouse IPM (LNE95-058)	\$246,099.00	Bruce Parker	Entomology Research Lab, University of Vermont
LNE95-054	Expanding Profits for Sheep Production Through Intensive Pasture Management	\$82,427.00	Kate Duesterberg	Center for Sustainable Agriculture, University of Vermont
LNE95-058	Development of Fungal Entomopathogens for Greenhouse IPM (ANE95-23)	\$231,931.00	Bruce Parker	Entomology Research Lab, University of Vermont
LNE95-053	An Economic Analysis of Community Supported Agriculture Consumers	\$2,960.00	Jane Kolodinsky	University of Vermont
LNE94-047	Expanding Profits for Vermont Sheep Production through Intensive Pasture Management	\$10,000.00	Kate Duesterberg	Center for Sustainable Agriculture, University of Vermont
LNE93-039	Systems Analysis of Organic and Transitional Dairy Production	\$165,000.00	Enid Wonnacott	Northeast Organic Farming Association of Vermont
ANE92-015	Fungal Pathogens For BioControl of Sweetpotato Whitefly in Greenhouses	\$68,561.00	Bruce Parker	Entomology Research Lab, University of Vermont
LNE92-033	Fungal Pathogens for Biocontrol of Western Flower Thrips and Green Peach Aphids in Greenhouses	\$79,709.00	Bruce Parker	Entomology Research Lab, University of Vermont
LNE89-017	Improving Milk Quality and Animal Health By Efficient Pasture Management	\$58,000.00	J. Woodrow Pankey	UVM
LNE88-002	Improving Farm Profitability by Efficiently Using the Pasture Resource	\$537,265.00	William Murphy	University of Vermont

Project #	Project Title	SARE support	Project Leader	Organization
PROFESSIONAL DEVELOPMENT PROJECTS				
ENE08-107	Focusing on Beginning Farmers	\$71,640.00	Beth Holtzman	UVM Extension
ENE06-098	Education to Extension Agents, Veterinarians and other Professionals in Complementary Treatments and Preventative Management for Organic Livestock Farms	\$116,962.00	Lisa McCrory	NOFA-VT
ENE06-097	A Video on Sustainable Tillage Practices for Vegetable Farms	\$99,504.00	Vern Grubinger	UVM Extension
ENE05-091	Climate Change and Agriculture: Preparing Educators to Promote Practical and Profitable Responses	\$113,106.00	Vernon Grubinger	UVM Extension
ENE04-083	A Legal Guide to the Business of Farming in Vermont	\$59,069.00	Debra Heleba	UVM Center for Sustainable Ag
ENE03-074	Video on Vegetable Farmers and Their Innovative Cover Crop Techniques	\$62,027.00	Vern Grubinger	UVM Extension
ENE01-059	A Professional Development Conference on Organic Agriculture	\$82,695.00	Vern Grubinger	UVM Extension
ENE99-047	A Video on Ecological Sweet Corn Production	\$33,803.00	Vern Grubinger	UVM Extension
ENE97-030	A Video of Innovations in On-Farm Marketing in New England	\$18,233.00	Vern Grubinger	Center for Sustainable Agriculture, University of Vermont
ENE97-036	A Comprehensive Training in Sustainable Agriculture	\$122,104.00	Vern Grubinger	Center for Sustainable Agriculture, University of Vermont
ENE96-018	Development of Dairy Farm Management Groups in Vermont and New Hampshire	\$22,300.00	Louise Calderwood	University of Vermont
ENE95-009	A Video Training on Cultivation Featuring Talented Farmers & Their Weed Control Machines	\$14,560.00	Vern Grubinger	UVM

Project #	Project Title	SARE support	Project Leader	Organization
ENE95-008	New England Extension Sustainable Agriculture Training Program	\$119,613.00	Kate Duesterberg	Center for Sustainable Agriculture, University of Vermont
ENE94-005	Developing a Northeast Pasture User Support Group Network to Sustain Agriculture	\$165,796.00	William Murphy	UVM
ENE94-001	New England Extension Sustainable Agriculture Training Program	\$130,101.00	Kate Duesterberg	Center for Sus Ag.

GRANTS TO FARMERS

FNE09-654	Northeast Zone Tillage Project	\$9,897.00	Paul Boivin	
FNE09-653	Introducing Rice as a Commercial Crop to the Northeast USA, Phase 2	\$10,000.00	Linda Akaogi	
FNE08-624	Introducing Rice as a Commercial Crop to the Northeastern USA	\$9,885.00	Linda Akaogi	
FNE07-617	Organic edible soybean variety trials in Northern VT for soymilk & tofu production	\$9,945.00	Nicholas Meyer	North Hardwick Dairy
FNE07-597	Japanese millet seed harvest	\$5,682.00	Brent Beidler	Beidler Family Farm
FNE07-613	A Vermont farmers breeding club: developing varieties that work for us	\$6,750.00	Jack Lazor	Butterworks Farm LLC
FNE07-603	Building and evaluating a pedal powered prone workstation and row crop cultivation	\$3,974.00	Andrew Crawford	
FNE07-609	Sugarhouse effluent viability as a greenhouse heat source	\$5,970.00	Lisa Holderness	
FNE07-608	Broadcast versus in-furrow banding of fertilizer in spring wheat	\$6,264.00	Ted Grembowicz	Grembowicz Farm
FNE06-570	Powering a sugarhouse with UVO	\$8,917.00	Daniel Crocker	Sidelands Sugarbush
FNE06-579	Feasibility of organic wool production in Vermont	\$2,000.00	Kathy Fallon Lambert	
FNE05-563	Educational Plan for Alternative Manure Management System	\$5,752.00	Mary Whitcomb	North Williston Cattle Co.

Project #	Project Title	SARE support	Project Leader	Organization
FNE05-562	A Comparison of Biodegradable Mulches to Black Plastic Mulch	\$2,577.00	Laura Sorkin	Cave Moose Farm
FNE05-553	Matted Row Strawberries Planted into Weed Suppressing Cover Crops	\$4,020.00	David Marchant	River Berry Farm
FNE05-551	Mustard-Green Seed Crop Production	\$4,514.00	Jodi Lew-Smith	Sweetgrass Farm
FNE04-510	Training Center for On-Farm Milk Processing	\$10,000.00	Peter Dixon	Westminster Dairy, LLC
FNE04-511	Agronomic and Economic Effects of Harvesting Legume Cover Crops at Varying Maturities	\$7,128.00	Kate Duesterberg	Cedar Circle Farm
FNE04-512	Integrated Salad Green and Dairy Production	\$5,824.00	Ben Dykema	Wilcon Farm
FNE04-531	Legume Interseed in Field Corn-2004	\$6,096.00	Steve Stocking	Birch Meadow Farm
FNE03-491	Early Sweet Corn From Transplants	\$7,735.00	Jon Satz	Wood's Market Garden
FNE03-466	Evaluating New, Extra-Hardy Grape Cultivars in Vermont		Chris Granstrom	
FNE03-468	Organic Plug Production: Evaluating Growing Media, Fertilizer and Economic Feasibility		Brenda Hedges	Greystone Gardens
FNE03-494	Legume Interseed in Field Corn	\$5,137.00	Steve Stocking	Birch Meadow Farm
FNE03-453	Cost of Producing Bio-Diesel to Fuel a Greenhouse		Carl Benson	Back Acres Farm
FNE02-410	Technical Assistance for Cheese Curing for Farmstead Cheesemakers	\$5,264.00	Mark Fischer	Woodcock Farm
FNE02-409	Effect of Different Grazing Systems on Dairy Goat Productivity	\$3,635.00	Kristan Doolan	
FNE02-434	Three Sisters Farm	\$3,679.00	Brian Rahm	
FNE02-421	Adaptation of the Cornell Net Carbohydrate and Protein System to Northeast Sheep Dairy Operations	\$5,953.00	Tyler Hotaling	Woodcock Farm

Project #	Project Title	SARE support	Project Leader	Organization
FNE02-448	Development of Organic Feeds and Production Techniques for Tilapia Fish Production in Ecologically Based Recirculating Aquaculture Systems	\$9,733.00	Erik Wells	Ocean Arks International
FNE02-408	Rearing Free Mated Mite-Tolerant Queens Without Chemotherapies	\$5,081.00	Jeff Cunningham	
FNE02-420	Investigating the Commercial Viability of Growing Organic Black Currants in the Northeast	\$1,080.00	John Hayden	The Farm Between
FNE02-436	pH and Calcium Requirement in Woods-Grown Organic Goldenseal Hydrastis Canadensis L.	\$5,399.00	Steven Saint-Onge	Over the Hill Farm
FNE01-369	Effect of Different Grazing Systems on Dairy Goat Productivity	\$3,700.00	Kristan Doolan	Doe's Leap
FNE01-392	Planting Strawberries and Blueberries into oats/white clover	\$3,690.00	Dean Stockman	Green Heron Farm
FNE01-371	Blanket Project	\$5,210.00	Laini Fondiller	VT Fiberworks
FNE01-362	Organic Row Cropping of Threatened Medicinal Herbs for Market in the Northeast	\$3,825.00	Jeffrey Carpenter	Zackwoods Herb Farm
FNE01-389	Managed Rotational Grazing in Wetland Area	\$4,650.00	Hannah D. Sessions	Blue Ledge Farm
FNE01-368	No-till, Reduction / Elimination of Major Equipment for the Small Scale Farmer	\$1,605.00	Maggie Randolph	Maggie's Tomato Patch
FNE00-353	Technical Assistance for Sheep Dairy Farmers	\$5,600.00	Ann Works	Peaked Mountain Farms
FNE00-303	Testing a Biological Fertility Program for Organic Grains	\$12,113.00	Ben Gleason	Gleason Grains
FNE00-323	Sheep Health Testing	\$10,778.00	Marian White	
FNE00-351	Establishment of USDA Processing Facility	\$2,500.00	William Thompson	
FNE00-340	Pride of VT Farmers (Northern Meat Cooperative Plan)	\$5,900.00	Theresa Lawyer	

Project #	Project Title	SARE support	Project Leader	Organization
FNE99-266	Sustainable Turkey Production for the Small Farmer	\$2,070.00	Jennifer Lynn Megyesi	Fat Rooster Farm
FNE99-231	Using Milkhouse Waste Water for Alternative Cash Crop	\$3,750.00	Brent & Regine Beidler	Beidler Family Farm
FNE99-270	Small Breeders' Meat Marketing Project	\$7,650.00	Lydia Ratcliff	
FNE99-274	On-Farm Impacts of Soybean Silage in an Annual Rotation with Corn Silage	\$7,200.00	Jeff Senesac	
FNE99-247	Identification of Local Ethnic Needs for Livestock	\$4,904.00	Jennifer Gilligan	
FNE99-258	Evaluating the Effectiveness of Non-Chemical Methods in the Control of Tarnished Plant Bug in Strawberries	\$2,230.00	Joseph Klein	Littlewood Farm
FNE99-241	Rootswork 1999- Community-Based Research, Demonstration, and Educational Activities	\$4,693.00	Linda Faillace	Rootswork
FNE99-290	Riparian Buffers	\$5,000.00	Dexter King	
FNE98-218	Improving the Viability of Lamb Production in VT through the Use of Superior Genetics	\$2,766.00	Lawrence Faillace	
FNE98-217	Northeast Livestock Export Program (Phase III)	\$5,370.00	Lydia Ratcliff	
FNE98-219	Rootswork 1998 - A Community-Based Research, Demonstration, Education and Participation Project	\$3,393.00	Linda Faillace	
FNE98-228	Low-Cost Conversion of Cow Dairy to Sheep Dairy	\$4,625.00	Neil Urie	Bonnieview Farm
FNE97-188	Sorghum Syrup Production in Vermont (FNE96-157)	\$6,000.00	John Williamson	
FNE97-180	Northeast Livestock Export Program (Phase II)	\$4,600.00	Lydia Ratcliff	
FNE97-183	Organic Meat/Poultry Processing, Marketing, and Distribution Effort	\$3,345.00	Judith M. Sheehan	
FNE97-185	Diversifying an Organic Grain System: Spring Wheat & Edible Bean Variety Trials...	\$6,000.00	Ken Van Hazinga	

Project #	Project Title	SARE support	Project Leader	Organization
FNE97-173	Greenhouse Subsurface Pipe System to Convert Solar Energy to Soil Heat	\$4,475.00	Pete Johnson	
FNE97-181	Development of NOFA Certified Pastured Poultry contractual Company to Diversify and Revitalize Vermont Agricultural Industry	\$5,450.00	Ryan Rich	
FNE97-182	Education of Public in the Use of Native Woodland Plants and Wildflowers in the Home Garden	\$1,145.00	Chris Schlegel	Grow Wild
FNE97-178	Technical Assistance for New Sheep Dairy Farms	\$7,431.00	Cynthia Major	Major Farm
FNE96-151	Best Method for Establishing Globe Artichoke Seedlings	\$1,060.00	Eric Rozendaal	
FNE96-157	Sorghum Syrup Production in Vermont	\$5,875.00	John Williamson	
FNE96-132	Agri-Tourism: Educating the Public and Generating On-Farm Income	\$1,450.00	John Hayden	The Farm Between
FNE96-149	Northeast Livestock Export Program	\$4,400.00	Lydia Ratcliff	
FNE95-092	Using Pastured Chickens for the Control of Colorado Potato Beetle	\$821.00	Joseph Klein	Littlewood Farm
FNE95-097	Minimizing Damage to Poultry During Transportation	\$3,025.00	Rob Litch	
FNE95-086	The Value of Low Maintenance Turfgrass for Cut Flower Production	\$2,482.50	Judith Hall	Frost Hill Farm
FNE95-095	Covercropping Strategies for the Intercropping of Clovers with Corn and Cereal Crops	\$4,348.00	Jack Lazor	Butterworks Farm
FNE95-114	Sorghum Syrup Production in Vermont	\$1,750.00	John Williamson	
FNE94-059	Establishment of a Production Line for Food Grade Rolled Organic Oats	\$5,200.00	Andrew Leinoff	
FNE94-046	Garlic: The Natural Wormer	\$2,500.00	Laini Fondiller	
FNE94-054	Biological Control of Tarnish Plant Bug in Strawberries	\$1,275.00	Bruce Kaufman	Riverside Farm
FNE94-044	Don't Bag it...Compost It!!	\$2,100.00	Tod Delaricheliere	

Project #	Project Title	SARE support	Project Leader	Organization
FNE94-047	Comparative Rotational/Cover Cropping for Weed Suppression	\$325.00	Martin Gil	
FNE94-051	Evaluating Hoophouses for Rotationally Grazed Turkeys	\$705.00	John Hayden	The Farm Between
FNE93-023	Mountain Sheep Project	\$3,600.00	David Major	
FNE93-022	Deep Root Organic Truck Farmers Co-op Mentor Program	\$3,300.00	Dennis Sauer	
FNE93-029	Soil Heating in Unheated Tunnels	\$973.00	Michael Collins	

Community Innovation

CNE09-065	Marketing the market: facilitatinig EBT usage among farmers' market customers	\$9,792.00	Sarah Kleinman	University of Vermont Extension
CNE08-049	Vermont Food Basket Project	\$10,000.00	Travis Marcotte	Intervale Center
CNE07-026	Bridging the Gap: Connecting youth, farms and communities through education and outreach	\$9,994.00	Sara Porth	UVM Sponsored Programs
CNE06-007	South Hero Land Trust Farm Initiative	\$6,697.00	Chris Gordon	South Hero Land Trust
CNE06-006	Rutland Area Farm and Food Link - Community farm and agricultural resource center	\$9,900.00	India Burnett Farmer	George D. Aiken RC&D Council

On-Farm Grants

ONE08-089	Eggplants as Habitat Plants in Poinsettias	\$9,993.00	Margaret Skinner	Univ. Of Vermont Extension System
ONE08-084	Developing On-farm Research Expertise Among Farmers in Vermont	\$9,997.00	Wendy Sue Harper	Northeast Organic Farming Association
ONE08-081	Assessing the value of oilseed meals for soil fertility and weed suppression	\$9,213.00	Heather Darby	University of Vermont Extension
ONE07-070	Fenceless grazing	\$10,000.00	Christopher Dutton	Vermont Technical College

Project #	Project Title	SARE support	Project Leader	Organization
ONE06-061	A study to determine if anthelmintic resistant internal parasites exist in Vermont sheep flocks	\$10,000.00	Chester Parsons	UVM Ext.
ONE06-052	Assessing on-farm pasture availability and forage quality for dairy feed planning	\$9,914.00	Sidney Bosworth	UVM Plant & Soil Sci. Dept.
ONE05-036	Farm-Fabricated On-Farm Composting Equipment Project; Aerating Equipment	\$9,980.00	Tom Gilbert	Highfields Institute
ONE05-039	Women's Agricultural Network Farm Visits	\$4,313.00	Beth Holtzman	Women's Agricultural Network, University of VT Extension
ONE04-021	Development of Partnerships and Support for an Emerging Alternative Crop: Grapes in Northern New England	\$9,604.00	M. Elena Garcia	UVM Coop Ext. - Plant & Soil Science Dept.
ONE04-018	Integration of Forage Fenugreek into the Northeast Cropping System	\$9,634.00	Heather Darby	UVM Coop Ext.
ONE03-005	Farmer Educators for a Pilot Grazing Demonstration Project in Vermont	\$8,000.00	Gwyneth Harris	UVM Center For Sustainable Agriculture

Total funding from USDA SARE program to Vermont = \$5,091,552

For further information on projects, contact Helen Husher, Northeast Region SARE Communications Specialist, 802-656-0554, helen.husher@uvm.edu, or Dena Leibman, SARE National Communications Specialist, communications@sare.org, 301-405-7955.

SARE is a national USDA program that provides competitive grants, educational materials and extension programs to develop and support approaches that enhance profits, protect the environment and improve rural quality of life.