



AGRICULTURE PROJECTS FUNDED IN NEW HAMPSHIRE

by USDA's
Sustainable Agriculture Research and Education (SARE) Program
1988-2018

New Hampshire has been awarded \$3,442,337 grants to support 86 projects, including but not limited to, 12 research and/or education projects, 4 professional development projects and 40 producer-led projects. New Hampshire has also received additional SARE support through multi-state projects.

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RESEARCH AND EDUCATION GRANTS

Project #	Project Title	SARE support	Project Leaders
LNE18-371	Expanding No-till Organic Vegetable Production through the Combination of High-residue Cover Crops and Solarizing Tarps	\$126,668	Dr. Richard Smith University of New Hampshire
LNE16-346	Unraveling challenges and opportunities of kelp meal supplementation in Northeast organic dairies	\$199,820	Dr. Andre Brito University of New Hampshire
LNE15-343	Improving nutrient and pest management in high tunnel tomato production	\$249,539	Dr. Rebecca Sideman UNH Cooperative Extension
LNE15-344	UNH organic dairy farm agroecosystem study, phase III: A closed system, energy independent organic dairy farm for the Northeastern U.S.	\$389,118	Dr. John Aber University of New Hampshire
LNE13-323	Forage-based approaches for improving profitability and ecosystem services of dairy farms in New Hampshire and Pennsylvania	\$199,927	Dr. Andre Brito University of New Hampshire
LNE11-313	UNH Organic Dairy Farm Agroecosystem Study, Phase II; A closed system, energy independent organic dairy farm for Northeastern U.S.	\$392,658	Dr. John Aber University of New Hampshire
LNE08-277	UNH Organic Dairy Farm agroecosystem study	\$379,087	Dr. John Aber University of New Hampshire
LNE04-199	Food Stamp Redemptions at New Hampshire Farmers' Markets	\$30,968	Helen Costello UNH Cooperative Extension
LNE03-183	Towards a community-based school food system	\$76,388	Tom Kelly UNH Office of Sustainability

LNE98-108	Nutrition & Management of Dairy Sheep & Goats on Pasture	\$151,190	Bruce Clement
LNE98-109	Resource Kit for Preserving Rural Character	\$6,000	Jean Conklin University of New Hampshire Cooperative Extension
LNE97-081	Potential of Earthworms as Biocontrol Agents of Scab and Leafminers in New England Apple Orchards	\$99,790	William E. MacHardy University of New Hampshire

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
ENE07-105	Building capacity in whole-farm systems and planning using the holistic management framework	\$171,923	Seth Wilner UNH Cooperative Extension
ENE03-080	Farmer research education program	\$141,471	Richard Kersbergen University of maine Cooperative Extension Seth Wilner UNH Cooperative Extension
ENE00-056	Agricultural Easements for Sustainable Agriculture	\$37,175	Nada Haddad UNH Cooperative Extension
ENE99-051	Market Planning for Value-Added Agricultural Products	\$25,490	John Porter New Hampshire Cooperative Extension

FARMER/RANCHER GRANTS

Project #	Project Title	SARE support	Project Leaders
FNE18-914	Assessing No-Till Permanent Raised Beds for Mixed Vegetable Production on Marginal Soils	\$14,965	Jennifer Wilhelm Fat Peach Farm
FNE14-809	Perennial globe artichokes wintered in low tunnels	\$4,680	Janel Martin 4J's Earthworks
FNE14-814	Livestock tracking system	\$14,600	Carole Soule Miles Smith Farm
FNE13-777	Using compost heat for perennial production	\$13,940	Pat Gianunzio Petal Pushers Farm
FNE12-767	Winter/spring grazing of Brassicas and winter rye	\$14,858	Carole Soule Miles Smith Farm
FNE12-740	Warm-season grass selection to balance forage production and wildlife management needs	\$8,179	Charles Cox Tuckaway Farm
FNE12-741	Mechanical approaches to perennial weed suppression in organically established no-till cover crops	\$8,879	Dorn Cox Westwick Farming LLC
FNE12-744	Time to grow crops vs. day of year	\$7,497	Steve Fulton

	planted, part II		Farmer
FNE12-762	Silvopasture in the Northeast: Environmental and economic implications of land-use conversion within a northern hardwoods forest	\$14,570	Joseph Orefice North Branch Farm
FNE11-710	organic no-till establishment of hairy vetch as a cover crop into hay sod and sensitivity to carbon amendments	\$11,525	Dorn Cox Westwick Farming LLC
FNE11-718	Planning tool for succession planting of crops, particularly lettuce, broccoli, and corn	\$9,002	Steve Fulton Farmer
FNE10-692	Seedless Table Grape Variety Evaluation Grown on VSP Training System	\$9,388	John Lastowka Lastowka's Maple Gate Farm
FNE08-633	Evaluating small grains with silage corn in a double-cropping system on dairy farms	\$4,214	Bob Foulkes
FNE08-628	Interseeding legume and grain crops with high-oil-content sunflowers	\$9,100	Dorn Cox Westwick Farming LLC
FNE07-602	Interseeding legume and grain crops with high oil content sunflower	\$8,633	Dorn Cox Westwick Farming LLC
FNE07-606	Finishing lambs on grain and brassicas in the Northeast: an economic study of three systems	\$7,501	Bill Foshier Edgefield Farm
FNE07-616	Potassium nutrition for greenhouse tomatoes in the Northeast	\$7,238	Jock McKenzie
FNE07-621	Organic sweet potato fertilizer trial	\$2,806	James Warren Fertile Fields Farm
FNE06-590	Identifying bindweed control methods for the Northeast while maintaining crop production	\$3,885	Mary Ellen Sheehan South Village Garden
FNE04-514	A Book on Why and How to Run Cooperative CSA	\$9,210	Scott Franzblau
FNE03-467	Innovative and Creative Ways of Safely Selling Dairy Products at Farmer's Markets	\$8,703	Courtney Haase Nunsuch Dairy & Cheese
FNE03-459	Reclaiming Pastureland for Diversified Fruit/Maple Production	\$6,382	Stephen Davis Cold Pond Community Farm
FNE02-405	Wild Cranberry and Wetlands Project	\$3,300	Martha Carlson Sandwich Community School, Inc
FNE02-444	Concord Cooperative CSA	\$7,200	Dave Trumble

FNE01-363	Food Safety & Quality Control Program for Farmstead Sheep Cheese	\$10,093	Bruce Clement
FNE01-364	Evaluating Italian Ryegrass for Summer Pasture in New England	\$940	Ellen Clement
FNE01-370	Orchard Hill Farm Orchard Spray Program	\$1,185	Anton Elbers Orchard Hill Farm
FNE01-375	Charcoal Making	\$4,550	Ken Gagnon
FNE01-395	Intercropping Winter Rye With Corn Silage	\$4,378	Fred Sullivan Brokenridge Farm
FNE00-330	Resource recovery and utilization of trout manure.	\$2,385	Greg Bossart
FNE00-333	Community partnering, education, and marketing.	\$5,620	Tom Earle RR 1 Box 27
FNE99-230	Farm Based Sustainable Agriculture Education Programs	\$2,850	David Batchelder Mill Valley Farm
FNE99-249	Alternative Use of Seasonal Forage Crops: Triticale, Field Peas, and Brassicas	\$750	Christian D. Gowdy Brookfield Farm
FNE98-191	Training Site for the Micro Process Design 25 Gallon Vat Pasteurizer	\$5,500	Courtney Haase Nunsuch Dairy & Cheese
FNE98-220	Forest Grown Medicinal Plants to Increase Woodlot Income	\$1,545	Charles Baylies
FNE96-130	Plant Population Effect on Yields of Sweet Corn	\$632	Charles Hardey
FNE95-083	Towards Aquaculture	\$3,936	Klee Dugan
FNE94-067	Solar Vehicle for Farm Use	\$3,355	Buck & Caroline Robinson
FNE94-074	Organic Tomato Disease Control	\$2,450	David Trumble David Trumbel-Green Truck Farm
FNE93-035	Evaluation of Alternatives to Synthetic Chemicals and Lime for Nutrient Supply,	\$2,500	Mark Towle The Raspberry Farm John Shaw

Weed Suppression, and pH Control on
Raspberry Plants

The Raspberry Farm

GRADUATE STUDENT GRANTS

Project #	Project Title	SARE support	Project Leaders
GNE18-169	Expanding Northeast Strawberry Production in Controlled Environment Agriculture with Naturally-Derived Nutrient Source	\$14,758	Todd Guerdat University of New Hampshire Anna DeVitto University of New Hampshire
GNE18-182	Harvesting Sap and Producing Syrup From Trees Other Than Maples, Birches, and Walnuts	\$14,848	Dr.Heidi Asbjornsen University of New Hampshire David Moore University of New Hampshire
GNE17-153	Developing legume-grass mixtures to improve the environmental sustainability of northeastern organic dairies	\$14,916	Dr.Andre Brito University of New Hampshire Mohammad Ghelich Khan University of New Hampshire
GNE15-101	Research and educational approaches to guide dairy farmer decisions about kelp meal supplementation in the Northeast	\$14,666	Dr.Andre Brito University of New Hampshire Simone Frotas University of New Hampshire Caren Ghedini University of New Hampshire
GNE14-077	Potassium management and soil testing in high tunnel tomato production	\$11,526	Dr.Rebecca Sideman UNH Cooperative Extension Connor Eaton University of New Hampshire Dr.Rebecca Sideman UNH Cooperative Extension
GNE13-051	Responses of soil faunal food webs to pesticide seed treatments	\$14,963	Dr.Richard Smith University of New Hampshire Lesley Atwood University of New Hampshire
GNE12-031	Integrating grazing research with surveys to assess and advance the current knowledge about kelp meal supplementation for organic dairy farms in the northeast	\$14,963	Dr.Andre Brito University of New Hampshire Nicole Antaya University of New Hampshire
GNE12-049	Feasibility of integrating annual feed grains into established organic pasture	\$14,924	Dr.Richard Smith University of New Hampshire Jennifer Wilhelm University of New Hampshire
GNE10-011	Molasses as an Alternative Energy Feed Source for Organic Dairies	\$14,426	Dr.Andre Brito University of New Hampshire Dr.Kathy Soder USDA-ARS Shara Ross University of New Hampshire Nicole Antaya University of New Hampshire

ON FARM RESEARCH/PARTNERSHIP GRANTS

Project #	Project Title	SARE support	Project Leaders
ONE16-284c	Increasing cover crop adoption through farmer peer-to-peer support	\$10,083	Carl Majewski UNH Cooperative Extension
ONE16-267	Soil health management outreach using mechanical aeration	\$11,200	Stacy Luke Merrimack County Conservation District

ONE14-200	From incubators to independence: Providing training and technical assistance to refugee farmers in New Hampshire	\$14,030	Andrea Bye Organization for Refugee and Immigrant Success Charlene Higgins Organization for Refugee & Immigrant Success
ONE14-212	Conserved farmland access	\$14,796	Amanda Littleton Cheshire County Conservation District
ONE14-222	Weed control in low-input or organically grown wild lowbush blueberries	\$13,460	Olivia Saunders UNH Cooperative Extension
ONE14-226	NOFA-NH Technical Consultancy Program	\$15,000	Ray Conner Northeast Organic Farming Association of NH
ONE10-121	Evaluating small grains for late season and early spring forage	\$7,521	Carl Majewski UNH Cooperative Extension
ONE09-110	Tracking Labor for Time and Enterprise Budgeting	\$5,828	Seth Wilner UNH Cooperative Extension
ONE09-101	Winter Sprouting Broccoli as an Alternative Tunnel Crop in New England	\$9,981	Dr.Rebecca Sideman UNH Cooperative Extension
ONE04-026	Evaluation of Brown-Midrib Sudangrass-Sorghum as a Forage on NH Dairy Farms	\$4,064	Carl Majewski UNH Cooperative Extension
ONE04-032	Marketing Plans for Farms Catering to Niche Markets	\$4,580.88	Seth Wilner UNH Cooperative Extension

SUSTAINABLE COMMUNITY INNOVATION GRANTS

Project #	Project Title	SARE support	Project Leaders
CNE10-072	Capital Area Farm and Community Connection Infrastructure Inventory Project.	\$12,085	Stacy Luke Merrimack County Conservation District
CNE10-082	Farm and Farmland Acquisition: A Curriculum for Farmers and Communities	\$15,000	Kathryn Ruhf Land For Good
CNE10-067	Cheshire Labor and Infrastructure Needs Assessment	\$13,234	Amanda Littleton Cheshire County Conservation District
CNE08-044	Cultivating Community Connections: From seed to table	\$10,000	Sonja Riddle-Ford Stonewall Farm
CNE08-052	NOFA-NH Local and Organic Food Project	\$9,945	Barbara Sullivan NOFA-NH
CNE07-031	Farmer and community feasibility study	\$3,288	Amanda Littleton Cheshire County Conservation District

CNE06-002	Farm transfer planning: Tools for revitalizing rural life	\$9,931	Bob Bernstein Land For Good
CNE06-008	Agricultural commissions: A new resource for sustaining New Hampshire farms and communities	\$10,000	Nada Haddad UNH Cooperative Extension

PDP STATE PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
NENH17-001	Tech-Transfer for New Hampshire Beekeepers	\$44,323	Olivia Saunders UNH Cooperative Extension
NENH14-001	Building Capacity in Agricultural Service Providers to Support Farmers in Regulations, Rules, and Legal Compliance	\$133,861	Seth Wilner UNH Cooperative Extension

**Total funding from the USDA SARE program to
New Hampshire
\$3,442,337**



For further information on projects, contact Deb Heleba, Northeast SARE communications specialist, at 802-651-8335, ext 552 or debra.heleba@uvm.edu.

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