



AGRICULTURE PROJECTS FUNDED IN CONNECTICUT

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

Connecticut has been awarded \$2,309,313 grants to support 68 projects, including but not limited to, 15 research and/or education projects, 3 professional development projects and 28 producer-led projects. Connecticut 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
LNE18-363	Improved N Management for Corn using Aerial Images, Adapt-N, Chemical and Biological Tests, and Cover Crops	\$241,570	Dr.Karl Guillard University of Connecticut
LNE13-324	Developing adaptable native shrubs for the green industry	\$58,347	Dr.Jessica Lubell University of Connecticut
LNE09-279	Development and on-farm training of biologically based methods for integrated crop management of stone fruits in New England	\$195,498	Dr.Robert Marra Connecticut Agricultural Lorraine Los University of Connecticut
LNE09-281	Aronia berries: A sustainable nutraceutical crop for the Northeast	\$151,821	Dr.Mark Brand University of Connecticut
LNE03-177	Perimeter trap crop approach to pest management on vegetable farms	\$139,527	Ruth Hazzarad University of Massachusetts Jude Boucher UNiversity of Connecticut Cooperative Extension
LNE01-143	Farmer-Run Research Organization for Southern New England	\$167,660	Thomas Morris University of Connecticut
LNE01-144	Survey of the Nutrient Status of Organic Vegetable Farms	\$35,397	Thomas Morris University of Connecticut
LNE00-137	Benefits & Drawbacks of Various Winter Cover Crops in Vegetable Pest Management	\$89,202	Kimberly Stoner Connecticut Agricultural Experiment Station
LNE98-106	Biological Control for Soil-Dwelling Insects & Diseases in Strawberries	\$147,557	Richard Cowles Connecticut Agricultural Experiment Station

LNE97-082	Biological and Cultural Methods of Insect Management in Vegetables: Survey and Case Studies of Organic Farms and Evaluation of the Scientific Literature	\$20,000	Kimberly Stoner Connecticut Agricultural Experiment Station
LNE97-083	Nitrogen Management for Pumpkins and Squash	\$40,000	Richard A. Ashley University of Connecticut
LNE96-065	Farm to School Food Education Project	\$33,319	Elizabeth Wheeler The Hartford Food System
LNE96-068	New Connections in the Northeast Food System	\$13,000	Mark Winne Hartford Food System
ANE95-028	Integration of Biological and Chemical Control of Twospotted Spider Mites in Containerized Nursery Production	\$35,246	Timothy Abbey Univ. of Connecticut Cooperative Extension System Richard Cowles Connecticut Agricultural Experiment Station
LNE94-049	Project Farm Fresh Start: A Farm-to-School Feasibility Study	\$30,000	Mark Winne Hartford Food System

PROFESSIONAL DEVELOPMENT PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
ENE10-116	Professional development for agricultural service providers in applied poultry science	\$134,501	Dr. Richard Brzozowski University of Maine Cooperative Extension
ENE99-048	Alternative & Herbal Livestock Health Practices	\$86,994	Thomas Morris University of Connecticut
ENE98-042	Feeding Our Cities: Establishing a Strong Urban/Sustainable Agriculture Interface in Southern New England	\$6,500	Michael T. Keilty University of Connecticut Extension

FARMER/RANCHER GRANTS

Project #	Project Title	SARE support	Project Leaders
FNE17-883	Comparison of indigenous microorganism and commercial soil inoculant on crop yields and basil downy mildew disease resistance	\$15,000	Melody Wright Pleasant Valley Botanicals
FNE17-869	Establishing propagation protocols and assessing weed risk of litchi tomato, <i>Solanum sisymbriifolium</i>	\$5,459	Diane Dorfer Cobblestone Farm
FNE13-783	Enhancing growth rate and well-being of pigs raised on pasture through the use of mobile evaporative cooling while improving pasture fertility and reducing environmental degradation	\$11,033	Peter Lowy Pete and Jens Backyard Birds
FNE12-736	Conservation tillage for organic cabbage: Yield, weed growth, and management costs	\$4,561	Janna Berger Adamah/Isabella Freedman Jewish Retreat Center Arthur Schwab

			Adamah / Isabella Freedman Jewish Retreat Center
FNE11-709	Evaluation of the insect resistance of interspecific squash hybrids	\$4,022	Bryan Connolly Green Dragon Farm
FNE07-604	Determining cost-effectiveness of raising slow growing genotype broilers in three alternative housing systems	\$7,861	Julie Cronin
FNE07-605	Small farm air chill system	\$6,912	Craig Floyd Footsteps Farm, LLC
FNE06-569	Breeding colorful disease- and pest-tolerant potatoes	\$3,225	Bryan Connolly Green Dragon Farm
FNE04-515	Horticultural Weed Barrier Mats From Dairy Manure — Phase 2	\$10,000	Matthew Freund Freunds' Farm, Inc.
FNE03-454	Remote Sensing for Nitrogen Management in Corn	\$6,298	Randolph Blackmer
FNE03-457	Tolerance Variation to Mexican Bean Beetles of Common Bean Cultivars	\$1,974	Bryan Connolly Green Dragon Farm
FNE03-465	Litchfield County Farmers Livestock Market	\$4,137	Christos Glynos Bethlehem Boer Goat Ranch
FNE02-412	Horticultural Weed Barrier Mats From Dairy Manure	\$8,800	Matthew Freund Freunds' Farm, Inc.
FNE02-437	Increasing Small Farm Profits with American Chestnut Production and Silvopasture	\$4,766	Elisa Santee Foxfire Farm
FNE01-373	Compost Planting Pots	\$7,500	Matthew Freund Freunds' Farm, Inc.
FNE00-294	Fava beans and kale as potential spring nurseries for insect natural enemies to move into the greenhouse.	\$5,382	Kathryn Caruso
FNE00-315	Timing of Brassica planting to reduce flea beetle damage.	\$4,697	Brian O'Hara
FNE99-236	Demonstration of the Effectiveness of <i>Pediobius</i> for Control of Mexican Bean Beetle and Squash Beetle	\$2,480	Kathryn Caruso
FNE99-243	Compost Planting Pots	\$700	Matthew Freund Freunds' Farm, Inc.
FNE99-272	"Clean Green Machine" A Hydroponic System	\$4,520	David S. Roberts

FNE98-203	Squash Vine Borer and Cotton Row Covers	\$1,540	Brian O'Hara
FNE98-208	Sheep Farmstead Cheesemaking in Connecticut	\$3,050	Suzanne Sankow Beaverbrook Farm
FNE97-162	Biological Insect Control of Herbaceous Perennials	\$600	Michael Berecz
FNE96-129	Pedal-Powered Tillage for a Small Community-Supported Farm (CSA)	\$2,400	Megan Haney Mad Mares Farm
FNE96-154	Growing Potatoes Organically 3 Different Ways	\$1,670	Johan van Acterberg Hidden Meadow Farm
FNE96-159	Certified Organic Associated Growers (COAG)	\$2,670	Tony Norris
FNE95-088	Canaan Valley Agricultural Cooperative Waste Management Program	\$4,350	Peter Jacquier Laurel Brook Farm
FNE94-048	Innovative Uses of Leaf Compost for the Modern Farmer/Grower	\$5,000	William Gnaizdoski d.b.a. Echo Farms

GRADUATE STUDENT GRANTS

Project #	Project Title	SARE support	Project Leaders
GNE17-146	Maximizing the health and size of on-site native pollinator populations for crops requiring sonication pollination	\$14,973	Julia Kuzovkina University of Connecticut John Campanelli University of Connecticut
GNE16-128	Early (in-ovo) administration of probiotics to promote growth in broiler chicken	\$14,999	Mary Anne Amalaradjou University of Connecticut Michael Darre University of Connecticut Muhammed Shafeekh Muyyarikkandy University of Connecticut
GNE15-113	Natural and eco-friendly approaches to control aflatoxins in poultry feed	\$14,393	Michael Darre University of Connecticut Dr.Kumar Venkitanarayanan University of Connecticut Hsinbai Yin University of Connecticut
GNE14-083	Anaerobically digested dairy as a renewable substitution for peat in media for nursery production	\$14,856	Dr.George Elliott UCONN John Lamont University of Connecticut
GNE11-020	Organic fertilization for greenhouses	\$12,556	Dr.George Elliott UCONN Kristin Hulshart University of Connecticut
GNE10-010	Prevalence of Clostridium difficle (C. diff) in Connecticut Swine farms	\$12,520	Dr.Robert Heimer Yale University School of Public Health

Dr.Lynda Osadebe
Yale University**ON FARM RESEARCH/PARTNERSHIP GRANTS**

Project #	Project Title	SARE support	Project Leaders
ONE16-265	Boosting farmer sales through culinary events and marketing	\$14,992	Ashley Kremser CitySeed
ONE16-279c	Farmer-led cover crop trials and demonstrations for vegetable and corn silage fields	\$22,465	Michael Soares Eastern Connecticut Conservation District, Inc.
ONE13-179	Investigating forage radish and compost as a means of alleviating soil compaction in established bramble and blueberry fields	\$14,958	Mary Concklin University of Connecticut
ONE12-152	Management of basil downy mildew using organic fungicides and nitrogen fertilization rate	\$6,705	Joan Allen Assistant Cooperative Extension Educator in Residence
ONE11-132	Evaluation of Organic Control Products for Basil Downy Mildew	\$4,705	Joan Allen Assistant Cooperative Extension Educator in Residence
ONE08-080	Hastening Adoption of Zone-Tillage on CT/ New England Vegetable Farms	\$9,902	Jude Boucher UNiversity of Connecticut Cooperative Extension
ONE06-064	Increasing biological control of brassica pests through overwintering	\$9,903	Kimberly Stoner Connecticut Agricultural Experiment Station
ONE03-011	Simple methods to stack manure and make compost without nutrient loss	\$10,000	Tom Morris University of Connecticut

SUSTAINABLE COMMUNITY INNOVATION GRANTS

Project #	Project Title	SARE support	Project Leaders
CNE10-073	Farmland ConneCTions Guide	\$14,978	Greg Plotkin American Farmland Trust Ben Bowell American Farmland Trust
CNE10-079	Granby Sampler	\$14,942	Michelle Niedermeyer Granby Agriculture Commission
CNE09-064	Southern Litchfield County's first regional locally-grown produce distribution facility	\$11,214	Vincent Nolan, Jr. Town of New Milford
CNE07-018	Engaging and growing community through a community supported market	\$9,986	Nicole Berube CitySeed, Inc
CNE07-029	Creating sustainable food purchasing guidelines in the Northeast	\$9,831	Joshua Viertel Yale Sustainable Food Project
CNE06-015	Planning for community farms across Connecticut	\$9,953	Kimberly Stoner Connecticut Agricultural Experiment Station

PDP STATE PROGRAM GRANTS

Project #	Project Title	SARE support	Project Leaders
NECT17-001	Nutrition's Role in Sustainable Livestock Production Practices	\$75,110	Joseph Bonelli University of Connecticut
NECT14-001	CT, MA, RI Tri-State Project: Health Care Practices for Our Food Animals	\$218,626	Joseph Bonelli University of Connecticut

**Total funding from the USDA SARE program to
Connecticut
\$2,309,313**



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

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