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 $404 million to more than 8,776 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, granteeproduced information products and other educational materials.

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

Project Highlight: Assessment of Nursery Gear Technology to Optimize Growth, Survival and Economic Efficiency in Farming Atlantic Sea Scallops

Dr. Christopher Davis led a team of researchers at Pemaquid Oyster Company to study how producers can use nursery gear technology to develop new aquaculture businesses in Maine. For years, Maine has been characterized by a longstanding economic and cultural tradition of scallop fishing due to its ideal environmental conditions for sea scallop populations. Although there are numerous established Maine business entities with sea scallops, the abundance and profit opportunity of scallop harvesting indicates that this industry will continue to grow for years to come. To support the growth of this industry, Dr. Davis studied nursery technology to develop an innovative production strategy for sea scallop harvesters.

With the help of a SARE grant, Dr. Davis assessed five different nursery gear technologies by comparing growth rates, survival rates and the costs of using the different gear types. The results of this project are valuable to farmers looking to enter the sea scallop sector, especially existing aquaculture operations looking to diversify income and fishermen who rely on the competitive wild-caught market. The data from the study has the potential to optimize growth rates and survival of sea scallops, and may enable Maine sea-farmers to take advantage of the economic growth promised by sustainable sea scallop aquaculture.

For more information on this project, see sare.org/projects and search for project number FNE21-976.

SARE in Maine
northeast.sare.org/state-profiles/maine/

$3,585,739 in total funding
64 grant project
(since 1988)

For a complete list of grant projects state by state, go to www.sare.org/state-summaries
SARE in Maine

Grants awarded
2019–2024

Total awards: 64 grants
33 Farmer/Rancher
4 Research and Education
5 Professional Development Program
9 On Farm Research/Partnership
6 Graduate Student
7 Research Only

Total funding: $3,585,739
$614,385 Farmer/Rancher
$710,993 Research and Education
$675,197 Professional Development Program
$257,647 On Farm Research/Partnership
$84,544 Graduate Student
$1,242,973 Research Only

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:

5,066 farmers participated in a SARE-funded project
1,812 farmers reported a change in knowledge, awareness, skills or attitude
298 farmers changed a practice

Learn about local impacts at:
northeast.sare.org/sare-in-your-state/maine/

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 northeast.sare.org/state-profiles/maine/ to learn more.

Peyton Ginakes
University of Maine Cooperative Extension
(207) 933-2100 Ext: 107
peyton.ginakes@maine.edu

Ellen Mallory
University of Maine
(207) 581-2942
ellen.mallory@maine.edu

For detailed information on SARE projects, go to 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.
Maine has been awarded $9,237,873 grants to support 263 projects, including but not limited to, 39 research and/or education projects, 16 professional development projects and 138 producer-led projects. Maine has also received additional SARE support through multi-state projects.

### RESEARCH AND EDUCATION GRANTS

<table>
<thead>
<tr>
<th>Project #</th>
<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
</tr>
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<tbody>
<tr>
<td>LNE23-462</td>
<td>Farm Site Permit and Lease Application Workshop Development and Implementation for Fishermen Entering Maine’s Expanding Seaweed Aquaculture Industry</td>
<td>$109,158</td>
<td>Liz MacDonald Ocean Approved Inc.</td>
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<td>LNE21-416</td>
<td>Education and On-farm Research to Improve Long-term Sustainability of Hemp in the Northeast</td>
<td>$204,331</td>
<td>Dr. John Jemison, Jr. University of Maine Cooperative Extension</td>
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<td>LNE19-374</td>
<td>Nutrient and Weed Management Strategies for Organic Wild Blueberry Growers</td>
<td>$199,828</td>
<td>Dr. Lily Calderwood University of Maine</td>
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<td>LNE19-377</td>
<td>Building Social Sustainability on Farms through Online and In-Person Education</td>
<td>$197,676</td>
<td>Leslie Forstadt University of Maine Cooperative Extension</td>
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<td>LNE14-336</td>
<td>Best management practices for the control of blister worm on oyster farms</td>
<td>$61,742</td>
<td>Dr. Paul Rawson University of Maine</td>
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<td>LNE14-337</td>
<td>Control of Haemonchus contortus in northern New England sheep and goats through manipulation of its winter ecology</td>
<td>$200,161</td>
<td>Dr. James Weber University of Maine</td>
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<td>LNE13-325</td>
<td>Improving winter grain yields, grain quality, and nitrogen use efficiency in New England using adaptive management</td>
<td>$236,931</td>
<td>Ellen Mallory UMaine Coop Extension</td>
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<td>LNE11-306</td>
<td>Increased profits from disease-free garlic planting stock</td>
<td>$121,340</td>
<td>Dr. Steve Johnson University of Maine</td>
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<td>LNE10-294</td>
<td>Eliminating the effects of footrot on sheep flocks in the Northeast</td>
<td>$184,760</td>
<td>Dr. Richard Brzozowski University of Maine Cooperative Extension</td>
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<td>LNE09-287</td>
<td>Reducing fuel and fertilizer costs for corn silage in the Northeast with cover crops and no-till</td>
<td>$149,755</td>
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<td>LNE07-264</td>
<td>Canola as an oilseed crop for New England</td>
<td>$78,867</td>
<td>Peter Sexton University of Maine Cooperative Extension</td>
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<td>LNE06-237</td>
<td>Managing weed seed rain: A new paradigm for organic and low-input farmers</td>
<td>$156,520</td>
<td>Dr. Eric Gallandt University of Maine</td>
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<tr>
<td>LNE06-240</td>
<td>Expanding grain production and use on organic dairy farms in Maine and Vermont</td>
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<td>LNE06-242</td>
<td>Building connections: Creating a broader public base for CSAs</td>
<td>$151,655</td>
<td>Russell Libby MOFGA</td>
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<td>LNE05-228</td>
<td>Maine Organic Farmers and Gardeners Association (MOFGA)</td>
<td>$24,999</td>
<td>Dr. Eric Sideman Maine Organic Farmers and Gardeners Association</td>
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<tr>
<td>LNE04-203</td>
<td>Hybrid Mulching Effects on Vegetable Crop Productivity, Weed Dynamics and Soil Quality</td>
<td>$131,302</td>
<td>Dr. Mark Hutton University of Maine Coope</td>
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<tr>
<td>LNE04-210</td>
<td>Developing a Support Network for Grass Based Livestock Producers</td>
<td>$90,400</td>
<td>Diane Schivera Maine Organic Farmers and Gardeners Association</td>
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<tr>
<td>LNE03-178</td>
<td>Katahdin Hair Sheep Upgrade Project - Phase II</td>
<td>$105,690</td>
<td>Dr. Richard Brzozowski University of Maine Cooperative Extension</td>
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<td>LNE02-160</td>
<td>Restoring Our Seed: Extension Program to Train Farmers in Ecological Seed Crop Production</td>
<td>$135,000</td>
<td>CR Lawn MOFGA Eli Kaufman MOFGA</td>
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<td>LNE02-166</td>
<td>Integration of a Brassica Green Manure into the Potato-Barley Rotation</td>
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<td>Peter Sexton University of Maine Cooperative Extension</td>
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<td>Code</td>
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<tr>
<td>LNE01-141</td>
<td>Diversity - Intensity of Cover Crop Systems: Managing Weed Seed Bank - Soil Health</td>
<td>$155,937</td>
<td>Dr. Eric Gallandt</td>
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<td>LNE01-146</td>
<td>Farms for Maine's Future: Comprehensive, Sustainable Strategies Using Teams</td>
<td>$145,000</td>
<td>John Piotti</td>
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<td>LNE00-138</td>
<td>Katahdin Hair Sheep Upgrade Project</td>
<td>$135,167</td>
<td>Dr. Richard Brzozowski</td>
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<td>LNE99-122</td>
<td>Establishing Integrated Systems Baseline - Educational &amp;- Mentoring Programs</td>
<td>$56,833</td>
<td>Stewart Smith</td>
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<td>LNE98-103</td>
<td>Soil Amendment - Crop Rotation Effects on Productivity - Soil Properties Within Potato Production Systems</td>
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<td>Gregory A. Porter</td>
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<td>LNE98-113</td>
<td>Alternate Grain/Bean Rotations for Optimized Economic Yield in Northeast Organic Farming</td>
<td>$68,604</td>
<td>William Brinton</td>
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<tr>
<td>LNE96-064</td>
<td>Impact of Herbicides on Beneficial Insects of Blueberry - Cranberry</td>
<td>$150,000</td>
<td>Frank A. Drummond</td>
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<td>LNE96-071</td>
<td>Compost Laboratory Education Project</td>
<td>$51,650</td>
<td>William Brinton</td>
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<tr>
<td>ANE95-027</td>
<td>Utilization of a Neem Product in a Reduced Synthetic Chemical Insecticide Management Program for Colorado Potato Beetle</td>
<td>$18,245</td>
<td>Kathleen Murray</td>
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<tr>
<td>ANE94-020</td>
<td>Nutrient Management on Maine Dairy Farms</td>
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<td>Timothy S. Griffin</td>
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<td>LNE94-041</td>
<td>Farmer-to-Farmer Directory and Field Days (LNE91-29)</td>
<td>$28,000</td>
<td>Dr. Eric Sideman</td>
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<td>LNE94-046</td>
<td>Improving Pollination for the Northeast: On-Farm Testing, Demonstration and Management of the Alfalfa Leafcutting Bee</td>
<td>$120,000</td>
<td>Frank A. Drummond</td>
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<td>LNE93-036</td>
<td>Ecological Management of Potato Cropping Systems (ANE93.018)</td>
<td>$11,870</td>
<td>Gregory A. Porter</td>
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<td>LNE92-030</td>
<td>Decision Making in Sustainable Agriculture Systems - Planning Grant</td>
<td>$5,000</td>
<td>Michell Hutt University of Southern Maine</td>
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<tr>
<td>LNE91-029</td>
<td>Farmer-to-Farmer Directory and Conference (LNE94-41)</td>
<td>$21,500</td>
<td>Dr. Eric Sideman Maine Organic Farmers and Gardeners Association</td>
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<tr>
<td>LNE90-023</td>
<td>The Integration of Crop (Potato) and Livestock Production Systems</td>
<td>$43,000</td>
<td>Barbara Barton University of Maine</td>
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<tr>
<td>LNE89-012</td>
<td>Ruminant Animal Production Using Tyfon Forage Brassica</td>
<td>$85,000</td>
<td>Mary Weidenhoeft University of Maine</td>
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</tbody>
</table>

### RESEARCH ONLY GRANTS

<table>
<thead>
<tr>
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<th>Project Title</th>
<th>SARE Support</th>
<th>Project Leaders</th>
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<tbody>
<tr>
<td>LNE23-478R</td>
<td>Transitioning Sea Farms to Clean Battery Power</td>
<td>$198,750</td>
<td>Nick Planson The Boat Yard, LLC</td>
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<td>LNE23-479R</td>
<td>Proofing Mycelium-based Buoys in Aquaculture Applications</td>
<td>$192,221</td>
<td>Sue Van Hook Greenhorns</td>
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<tr>
<td>LNE22-448R</td>
<td>Investigating Dual-use Solar for Wild Blueberry Farms in Maine</td>
<td>$134,509</td>
<td>Dr. Lily Calderwood University of Maine</td>
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<td>LNE22-451R</td>
<td>Covering Ground: Assessing Effectiveness of Interseeding Cover Crops in Late Season Vegetable Crops to Enhance Soil Health in the Northeast</td>
<td>$184,013</td>
<td>Jason Lilley University of Maine Cooperative Extension</td>
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<td>LNE22-457R</td>
<td>Development of a Rapid and Inexpensive Assay for Farm-Based Detection of Four Pathogenic Vibrio Strains Linked to Shellfish Hatchery Failures</td>
<td>$199,985</td>
<td>Dr. Meredith White Mook Sea Farm Steve Zimmerman Mook Sea farm, Inc</td>
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<tr>
<td>LNE21-431R</td>
<td>New Approaches to Seaweed Aquaculture: Developing a Biosecure and Reliable Seed Stock for the Emergent Northeast Edible Seaweed Industry</td>
<td>$199,035</td>
<td>Dr. Nicole Poulton Bigelow Laboratory for Ocean Sciences</td>
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<tr>
<td>LNE21-426R</td>
<td>Pilot-scale Efforts to Demonstrate Commercial Growout Technologies of the Arctic Surfclam in the Marine Intertidal</td>
<td>$134,460</td>
<td>Dr. Brian Beal Downeast Institute for Applied Marine Research and Education</td>
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<tr>
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<tr>
<td>ENE23-185</td>
<td>Supporting Farm Transition Planning and Access in New England</td>
<td>$149,181</td>
<td>Tricia Rouleau</td>
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<tr>
<td>ENE22-176</td>
<td>Reducing Tensions on Market Day: Training Farmers’ Market Organizers and Service Providers on Conflict Resolution and De-escalation Strategies</td>
<td>$149,407</td>
<td>James DeBiasi</td>
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<tr>
<td>ENE21-167</td>
<td>Diversity, Equity, and Inclusion Training for Agricultural Organizations and Individual Service Providers</td>
<td>$149,990</td>
<td>Ryan Dennett</td>
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<td>ENE21-171</td>
<td>Building Farm Business Advising Skills through Collaborative Professional Development for Maine Farmland Trust and SCORE Maine</td>
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<td>Tricia Rouleau</td>
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<td>ENE20-164</td>
<td>The Northeast Climate Adaptation Fellowship to Support Vegetable and Fruit Farmers</td>
<td>$149,000</td>
<td>Dr. Rachel Schattman</td>
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<tr>
<td>ENE17-146</td>
<td>Professional Development in Calibrating Pesticide and Nutrient Application Equipment for Agricultural Service Providers</td>
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<td>Caragh Fitzgerald</td>
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<td>ENE17-147</td>
<td>Training the Trainers; Enhancing Extension Resources for Beginning Farmers</td>
<td>$47,107</td>
<td>Jason Lilley</td>
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<tr>
<td>ENE16-142</td>
<td>Focusing on interpersonal relationships for greater farm viability</td>
<td>$61,002</td>
<td>Leslie Forstadt</td>
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<td>ENE14-131</td>
<td>Applied Poultry Science Professional Development Project - Phase II</td>
<td>$70,715</td>
<td>Donna Coffin</td>
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<td>ENE11-119</td>
<td>Management Practices to Reduce Agricultural Emissions: A Workshop for Professionals</td>
<td>$33,098</td>
<td>Susan Gammon</td>
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<td>ENE08-108</td>
<td>Sustainable Livestock Mortality Management</td>
<td>$169,425</td>
<td>Mark Hutchinson</td>
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<td>Project #</td>
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<td>ENE04-084</td>
<td>Eat Local Foods Coalition: Connecting Nutritionists and Farmers</td>
<td>$9,973</td>
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<tr>
<td>ENE02-068</td>
<td>Sustainable Farm Forest Management Using Small-Scale Logging Methods</td>
<td>$98,744</td>
<td>Andrew Egan</td>
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<td>ENE01-063</td>
<td>Farmer Interviews as a Tool for Educating Agricultural Support Personnel and Other Farmers</td>
<td>$42,120</td>
<td>Stewart Smith</td>
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<td>Maine Sustainable Agriculture Society</td>
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<td>ENE97-029</td>
<td>University of Maine Cooperative Extension Compost School</td>
<td>$101,560</td>
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<tr>
<td>ENE96-027</td>
<td>In-Service Training on Sustainable Animal Agriculture</td>
<td>$7,000</td>
<td>Calvin Walker</td>
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**FARMER/RANCHER GRANTS**

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<td>FNE24-093</td>
<td>Innovative Incorporation of Green Sea Urchins on Seaweed Farms: Optimizing Uni Yields and Flavor Profiles for Harvest and Sale</td>
<td>$30,000</td>
<td>Sarah Redmond</td>
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<td>Springtide Seaweed, LLC</td>
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<td>FNE24-083</td>
<td>A Closer Look to Guide Farm Use of Tree/Shrub Silages: Per-Species &amp; Ensilement Analyses for Safe, Nutritious Rationing, plus Replicable Trial Results</td>
<td>$29,725</td>
<td>Shana Hanson</td>
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<td>3 Streams Farm</td>
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<tr>
<td>FNE24-082</td>
<td>Co-Culture of Green Sea Urchins and American Oysters</td>
<td>$27,000</td>
<td>Lauren Gray</td>
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<td>FNE24-074</td>
<td>Testing a Novel Zip-line/Curtain Netting Exclusion System for Protection of Perennial Berries from Birds/Spotted Wing Drosophila (SWD)</td>
<td>$29,922</td>
<td>Anson Biller</td>
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<td>FNE23-063</td>
<td>Muka-- Tree Hay as an Alternative Livestock Feed</td>
<td>$10,706</td>
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<td>O'Meara Family Farm</td>
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<td>FNE23-049</td>
<td>Expanding Organic, Ecological, Regenerative Christmas Tree Agroforestry in Maine</td>
<td>$20,311</td>
<td>Jonah T Fertig-Burd</td>
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<td>Celebration Tree Farm &amp; Wellness Center, LLC</td>
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<td>FNE23-060</td>
<td>Reducing Environmental Risk and Increasing Productivity on Mussel Farms</td>
<td>$29,814</td>
<td>Matthew Moretti, Bangs Island Mussels / Wild Ocean Aquaculture, LLC</td>
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<td>FNE23-037</td>
<td>Developing Precision Oyster Farming Methods Using Environmental Data</td>
<td>$21,268</td>
<td>Max Burtis, Ferda Farms LLC</td>
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<td>FNE23-052</td>
<td>Growing Bay Scallops on a Maine Oyster Farm as a Strategy to Diversify Crops and Adapt to a Warming Gulf</td>
<td>$21,592</td>
<td>Jordan Kramer, Winnegance Oyster Farm</td>
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<td>FNE23-048</td>
<td>Optimizing Ginger Yields and Profit</td>
<td>$6,436</td>
<td>Erica Emery, Rustic Roots Farm</td>
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<td>FNE23-055</td>
<td>Battery and Renewable Power for Oyster Farming</td>
<td>$29,836</td>
<td>William Leathers, Maine Ocean Farms</td>
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<td>FNE23-039</td>
<td>Low Cost, High Volume Hard Clam Farm</td>
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<td>Adam Campbell, North Haven oyster Co.</td>
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<td>FNE22-017</td>
<td>Field Testing the Viability of 3D-printed Oyster Farm Equipment</td>
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<td>Jordan Kramer, Winnegance Oyster Farm</td>
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<td>FNE22-015</td>
<td>Get the Fish Out: Black Soldier Fly Larvae and Marine Macro-algae as Feed Ingredient Replacements for Small Land-based Aquaculture Operations</td>
<td>$29,484</td>
<td>Jenna Grosbarth, Canopy Farms L3C</td>
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<td>FNE22-013</td>
<td>Efficient Leaf-dense Tree/Shrub Silage Production from Field Edges: Climate-resilient Winter Forage Supplement for Cattle, Sheep, and Goats</td>
<td>$30,000</td>
<td>Shana Hanson, 3 Streams Farm, Karl Hallen, State University of New York (SUNY), College of Environmental Sc</td>
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<tr>
<td>FNE22-012</td>
<td>Improving Pastured Broiler Operations for Chickens and Farmers: Automating Feed Systems on Mobile Pasture Coops and Sharing the Results</td>
<td>$24,837</td>
<td>Haden Gooch, Haden Gooch DBA Mayday Farm</td>
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<td>FNE21-988</td>
<td>Alternative, Non-plastic Materials for Aquaculture and Oyster Cultivation</td>
<td>$14,979</td>
<td>Alex Plowden, The Greenhorns</td>
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<td>FNE21-990</td>
<td>Development of a De-watering System and Cost Analysis to Transform Fish Waste from Recirculating Aquaculture Systems into Value Added Garden Compost</td>
<td>$14,963</td>
<td>Cara ODonnell, Aroostook Band of Micmacs</td>
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<td>FNE21-992</td>
<td>Development of Integrated Seaweed and Green Sea Urchin Nursery Strategies for the Northeast</td>
<td>$14,949</td>
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<td>FNE21-987</td>
<td>Aquaculture and Land Farm Collaboration</td>
<td>$14,309</td>
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<td>FNE21-986</td>
<td>Product Differentiation on a Subtidal Oyster Farm</td>
<td>$9,568</td>
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<td>FNE21-980</td>
<td>Ginger Spacing in High Tunnels for Maximum Yields</td>
<td>$8,048</td>
<td>Erica Emery</td>
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<td>FNE21-977</td>
<td>The Effect of Edge-spraying a Broad-spectrum Organically-approved Insecticide to Control Hop Arthropod Pests while Retaining Beneficial Arthropods</td>
<td>$12,502</td>
<td>Krista Delahunty</td>
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<td>FNE21-976</td>
<td>Assessment of Nursery Gear Technology to Optimize Growth, Survival and Economic Efficiency in Farming Atlantic Sea Scallops</td>
<td>$15,000</td>
<td>Dr.Christopher Davis</td>
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<td>FNE20-955</td>
<td>Determining Optimal Seed-clam Size for Littleneck/Oyster Polyculture</td>
<td>$14,922</td>
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<td>FNE20-958</td>
<td>Introducing Value-Added Cornmeal into Liberation Farm's Agricultural Production</td>
<td>$10,527</td>
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<td>FNE20-947</td>
<td>Effect of Container Depth on Taprooted Seedling Root Morphology and Post-Transplant Establishment Success</td>
<td>$14,908</td>
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<td>FNE20-965</td>
<td>Developing Management Options for Staph aureus on Organic Dairies</td>
<td>$13,149</td>
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<td>FNE19-921</td>
<td>Evaluating Alternative Malting Barley Varieties and their Acceptance in the Northeast Craft Brewing Community</td>
<td>$14,509</td>
<td>Jacob Buck</td>
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<td>FNE19-932</td>
<td>European Corn Borer Detection in Local Hopyards</td>
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<td>FNE19-936</td>
<td>Using Shading to Control Algal Bio-fouling on a Floating Oyster Farm</td>
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<td>FNE19-940</td>
<td>Development of a New Seaweed Growing System for Nori Production in the Northeast</td>
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<td>FNE19-946</td>
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<td>FNE18-897</td>
<td>Tree Leaf Fodder for Livestock: Transitioning Farm Woodlots to ‘Air Meadow’ for Climate Resilience</td>
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<td>Shana Hanson</td>
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<td>FNE18-901</td>
<td>Littleneck Clam and American Oyster Polyculture: Economic Viability and Nursery Technique</td>
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<td>FNE18-905</td>
<td>High Density Hybrid Plums: Innovation and Efficient Fruit Production for the Northeast</td>
<td>$7,508</td>
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<td>FNE17-864</td>
<td>Building soil fertility with spent brewers grains</td>
<td>$11,272</td>
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<td>FNE17-868</td>
<td>The effect of crowning and weed management practices on hop yield and downy mildew</td>
<td>$12,206</td>
<td>Krista Delahunty</td>
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<td>FNE17-876</td>
<td>Developing a breed registry for Polwarth sheep using imported semen and radio-frequency technology</td>
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<td>Nanne Kennedy</td>
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<td>FNE17-877</td>
<td>Integrated oyster and littleneck clam aquaculture to increase seafarm yield</td>
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<td>FNE16-845</td>
<td>Taking no-till corn a step (or two) further</td>
<td>$14,800</td>
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<td>FNE16-848</td>
<td>Using tidal energy to clean and tumble oysters</td>
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<td>FNE16-854</td>
<td>Pallet-mounted plastic grain bin for drying and long-term weatherproof storage</td>
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<td>Sean O'Donnell</td>
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<td>FNE16-856</td>
<td>Viability of directly sown paddy rice</td>
<td>$14,632</td>
<td>Samuel Rooney Wild Folk Farm</td>
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<td>FNE16-857</td>
<td>Using forage radish to combat compaction in hay and pasture land</td>
<td>$10,671</td>
<td>Abby Sadauckas Apple Creek Farm, LLC</td>
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<td>FNE15-820</td>
<td>Evaluating sheep as a sustainable approach to reducing reliance on herbicides, fungicides, and commercial fertilizer in hop yards</td>
<td>$6,954</td>
<td>Peter Busque The Hop Yard ryan houghton The Hop Yard</td>
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<td>FNE15-826</td>
<td>Viability of integrating field peas into organic cereal grain rotations in Maine</td>
<td>$11,365</td>
<td>Jake Dyer Benedicta Grain Co.</td>
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<td>FNE14-797</td>
<td>Evaluation of hardy fig varieties in a northern New England high tunnel</td>
<td>$14,992</td>
<td>Bill Errickson Singing Nettle Farm</td>
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<td>FNE14-808</td>
<td>Study of ramial chip mulch and organic fertilizers on wild blueberries</td>
<td>$14,706</td>
<td>Nicolas Lindholm Blue Hill Berry Co.</td>
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<td>FNE14-810</td>
<td>Brassicas and small grains: Sustainable feed for Northeast dairy farms</td>
<td>$11,078</td>
<td>John O'Meara O'Meara Family Farm</td>
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<td>FNE13-782</td>
<td>Allium white rot biostimulation project-Part 2</td>
<td>$8,104</td>
<td>Amy LeBlanc Whitehill Farm</td>
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<td>FNE12-742</td>
<td>Evaluating Cover Cropping and Non-Herbicide Weed Management Strategies in Hops, a Perennial Crop</td>
<td>$12,654</td>
<td>Krista Delahunty Aroostook Hops Dr.Jason Johnston Aroostook Hops</td>
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<td>FNE12-756</td>
<td>A comparison of strength and survivability of honeybee colonies started with conventional versus northern requeened packages</td>
<td>$14,997</td>
<td>Erin MacGregor-Forbes Overland Apiaries</td>
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<td>FNE11-711</td>
<td>An Experiment on the Effectiveness of Irrigation and Cover Cropping to Produce Sustainable Hops in Maine</td>
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<td>FNE11-712</td>
<td>Feeding Minerals and Supplements to a Organic Pastured Poultry Operation</td>
<td>$14,007</td>
<td>Carly DelSignore</td>
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<td>FNE11-714</td>
<td>Amending pasture soil to decrease weed presence while improving forage species composition and quality</td>
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<td>FNE11-721</td>
<td>Management of Allium White Rot</td>
<td>$8,301</td>
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<td>FNE10-690</td>
<td>The Analysis of the Cost and Quality of Direct Cut Vacuum Silage for the Northeast</td>
<td>$8,442</td>
<td>Seth Kroeck</td>
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<td>FNE10-694</td>
<td>A Comparison of Honey Bee Colony Strength and Survivability between Nucleus and Package Started Colonies</td>
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<td>FNE10-696</td>
<td>Sulfur Application for Weed Specific Suppression</td>
<td>$5,812</td>
<td>Kristen McGovern</td>
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<td>FNE10-698</td>
<td>Buckwheat Hay - A Quality Feed for Dairies in the Northeast?</td>
<td>$7,314</td>
<td>John O'Meara</td>
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<td>FNE10-699</td>
<td>Evaluating Suitability of Open-Pollinated Melon Varieties for Intensive Organic Production</td>
<td>$4,093</td>
<td>Alice Percy</td>
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<td>FNE09-656</td>
<td>Pressing Spent Brewers Grains to improve its use as alternative feed: A Study of its effect on Dairy Sheep and Meat lambs</td>
<td>$9,992</td>
<td>Ells Perry</td>
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<td>FNE09-663</td>
<td>Exploring Husbandry and Equipment Solutions to Infestations of Polydora sp. on a Maine Oyster Farm</td>
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<td>Jesse Leach</td>
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<td>FNE09-665</td>
<td>A Comparison of Honey Bee Colony Strength and Survivability between Nucleus and Package Started Colonies</td>
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<td>FNE09-668</td>
<td>Testing New Dwarfing Apple Rootstocks for the Northern Grower</td>
<td>$5,363</td>
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<td>FNE09-671</td>
<td>Using Chickens and a Cover Crop Barrier for Weed Control in Organic Asparagus</td>
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<td>FNE09-673</td>
<td>The effect of biochar applications on soil fertility and crop production on a small vegetable farm in the Northeast US</td>
<td>$8,262</td>
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<td>FNE09-674</td>
<td>Pasturing Hogs on Field Peas and Barley</td>
<td>$9,973</td>
<td>Hanne Tierney</td>
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<td>FNE08-627</td>
<td>Production and nutrition of no-till drilling</td>
<td>$9,315</td>
<td>Gabe Clark</td>
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<td>FNE08-643</td>
<td>Growing and pressing sunflowers for organic livestock protein supplements</td>
<td>$9,273</td>
<td>Mia Morrison</td>
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<td>FNE08-644</td>
<td>Reduction of Imidacloprid resistance of Colorado potato beetles with an organic integrated pest management program</td>
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<td>Megan Patterson</td>
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<td>FNE07-600</td>
<td>Crop planning software for small diversified farms</td>
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<td>Clayton Carter</td>
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<td>FNE07-623</td>
<td>Improving forage quality by seeding through liquid manure applications</td>
<td>$4,146</td>
<td>Roger Whitney</td>
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<td>FNE06-565</td>
<td>Corn silage pellet production</td>
<td>$6,000</td>
<td>David Barker</td>
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<td>FNE06-587</td>
<td>Growing winter spelt as an organic grain or forage for dairy cows</td>
<td>$4,172</td>
<td>Henry Perkins</td>
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<td>FNE05-540</td>
<td>Sunflowers as a methionine source for organic poultry production, sunflower hulling processes, and sunflower variety trial</td>
<td>$9,419</td>
<td>Catherine Albert</td>
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<td>FNE05-548</td>
<td>Tarnished plant bug scouting and control in organic annual day-neutral strawberry production in the Northeast</td>
<td>$9,160</td>
<td>Mark Jacoby</td>
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<td>FNE05-557</td>
<td>Evaluating organic feed quality for dairies</td>
<td>$10,000</td>
<td>Mia Morrison</td>
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<td>FNE05-558</td>
<td>Integration of winter barley with management intensive grazing</td>
<td>$3,859</td>
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<td>FNE05-559</td>
<td>Cedar: a control for varroa mites</td>
<td>$5,215</td>
<td>John O'Meara</td>
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<td>FNE05-561</td>
<td>Monitored study of broomcorn growth in Hancock County, Maine</td>
<td>$3,682</td>
<td>Susan Sharpe</td>
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<td>FNE04-507</td>
<td>Using Ramial Wood Chips to Improve Fertility in a Fruit Tree Nursery</td>
<td>$2,232</td>
<td>Ann Currier</td>
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<td>FNE04-521</td>
<td>Evaluation, Comparison and Feasibility Study of Current Options in Cheese Aging Caves</td>
<td>$5,315</td>
<td>Warren Knight</td>
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<td>FNE04-527</td>
<td>Measuring the Effectiveness of Treating Lambs With Garlic at Various Rates for Internal Parasites Using the FAMACHA System</td>
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<td>Jean Noon</td>
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<td>FNE04-528</td>
<td>Growing Weed-Free Strawberries</td>
<td>$1,989</td>
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<td>FNE04-530</td>
<td>Use of a Polypropylene Fabric Cover as a Barrier to Egg-Deposition by Cranberry Fruitworm Acrobasia vaccinii (Riley)</td>
<td>$1,593</td>
<td>Ted Sparrow</td>
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<td>FNE03-455</td>
<td>Broadcast Planting Techniques for Large Ginseng Acreage</td>
<td>$4,000</td>
<td>Felix Blinn</td>
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<td>FNE03-460</td>
<td>Determination of the Productive Capacity of the Damariscotta River for Farm-Raised Oysters (Crassostrea virginica)</td>
<td>$8,255</td>
<td>Dr. Christopher Davis</td>
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<td>FNE03-479</td>
<td>Portable Sheep Dairy</td>
<td>$9,611</td>
<td>Claire Mikolayunas</td>
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<td>FNE03-482</td>
<td>A Controlled Experiment to Measure the Effectiveness on Lambs of Wormers that Conform to the New Organic Standards</td>
<td>$7,600</td>
<td>Jean Noon</td>
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<td>Maine Mountain Creamery Advertising Project</td>
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<td>Dion Olmstead</td>
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<td>Controlling Varroa Mites with Walnut Leaf Smoke</td>
<td>$8,682</td>
<td>John O'Meara, O'Meara Family Farm</td>
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<td>FNE03-495</td>
<td>Feasibility of a Farmer Marketing Group in Piscataquis County</td>
<td>$7,740</td>
<td>Lorraine Stultzman</td>
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<td>FNE02-400</td>
<td>Evaluating Grains Grown in Aroostook County, Maine to Determine the Feasibility of Producing a Locally Grown Poultry Feed</td>
<td>$2,134</td>
<td>Catherine Albert, Jalko Farm</td>
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<td>FNE02-401</td>
<td>Designing an Affordable Silage Wrapper for Small Farmers</td>
<td>$763</td>
<td>Benjamin Albert</td>
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<td>FNE02-403</td>
<td>Alternative Feed Source Guide</td>
<td>$9,191</td>
<td>Scott Bowdridge, Kelmscott Rare Breeds Foundation</td>
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<td>Quinoa Introduction in the River Valley</td>
<td>$5,169</td>
<td>Norris Conant</td>
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<td>Jennifer Gunderman-King, Dawa Farm</td>
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<td>Silvopasture</td>
<td>$8,000</td>
<td>Brad Hunt</td>
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<td>Fish Waste Utilization Project</td>
<td>$9,618</td>
<td>Robert Johanson, Goranson Farm</td>
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<td>FNE02-429</td>
<td>Green Manure Mulch and Cover Crop for Orchards</td>
<td>$2,691</td>
<td>Marilyn Meyerhans</td>
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<td>FNE02-431</td>
<td>Grazing Sheep in Organic Lowbush Blueberry Fields to Control Weeds and Increase Yields</td>
<td>$3,602</td>
<td>Kevin Poland</td>
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<td>FNE02-432</td>
<td>Optimizing Forage Quality and Production on Depleted Farmland to Extend the Grazing Season Increase Yields</td>
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<td>David Potter</td>
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<td>Comparing the Input Costs and Economic Returns of a Planted Windbreak in Central Maine</td>
<td>$5,657</td>
<td>Ted Sparrow Sparrow Farm</td>
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<td>FNE01-390</td>
<td>Comparison of Green Manure Mixes in Relation to Nitrogen Immobilization - Release</td>
<td>$3,450</td>
<td>Lucian Smith Beech Hill Farm/College of the Atlantic</td>
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<td>Improving Financial Returns Early in an Orchard's Life Through Alley Cropping.</td>
<td>$11,100</td>
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<td>&quot;Bird, Blossom, and Berry&quot; subscription program.</td>
<td>$7,583</td>
<td>Madeline Cantwell</td>
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<td>FNE99-239</td>
<td>Farmer-to-Market Website: A Meat Processing and Delivery Resource Survey</td>
<td>$2,480</td>
<td>Perry Ells Kelmscott Rare Breed Foundation</td>
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<td>FNE99-244</td>
<td>Winter Wheat Trials with Response to Composts for Maine</td>
<td>$4,900</td>
<td>Mark Fulford</td>
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<td>FNE98-198</td>
<td>An Alternative to Flooding for the Winter Protection of Cranberries in ME</td>
<td>$4,938</td>
<td>Bert-Sid Look</td>
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<td>Raspberry Mulch Evaluation</td>
<td>$1,895</td>
<td>Chris Bailey The Morris Farm</td>
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<td>FNE98-209</td>
<td>Timing and Intensity of Cultivation and Effects on Weed Control</td>
<td>$2,770</td>
<td>Gerald Fortin</td>
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<td>Goldenseal Production for Sustainable Woodlot Management</td>
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<td>Tom Griffin Woods End Farm</td>
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<td>Establishing and Enlarging on Maine Ginseng Production</td>
<td>$6,000</td>
<td>Stephen Drane</td>
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<td>Successful Marketing Through Product Identification/Packaging</td>
<td>$3,500</td>
<td>Chris Holmes</td>
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<td>FNE97-175</td>
<td>Conservation of Wild Blueberry and Cranberry Pollinators</td>
<td>$3,950</td>
<td>Sanford E. Kelley, Jr.</td>
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<td>Field Trials of Ag Covers to Reduce Cranberry Fruitworm Damage</td>
<td>$1,770</td>
<td>Michael McFarlane</td>
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<td>FNE97-189</td>
<td>Improving Production Methods for Shiitake Mushrooms</td>
<td>$2,225</td>
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<td>FNE96-127</td>
<td>Using Composted Paper Mill Wood Fiber Residual as a Mulch/Soil Amendment in Potato Production</td>
<td>$2,974</td>
<td>Donald Fitzpatrick</td>
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<td>FNE96-135</td>
<td>The Development of Rhubarb Agriculture in Maine</td>
<td>$3,200</td>
<td>Mark Jacoby</td>
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<td>FNE96-136</td>
<td>The Efficacy of Red Oak Sawdust as a Mulch to Control Grass and Weeds in Organic Wild Blueberries</td>
<td>$2,827</td>
<td>Douglas Johnson</td>
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<td>FNE96-137</td>
<td>Dairy Farm Diversification/Waldo County, Maine</td>
<td>$3,000</td>
<td>Jeffery Keene</td>
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<td>FNE96-138</td>
<td>Sustainable Pollination of Wild Blueberry and Cranberry</td>
<td>$4,880</td>
<td>Sanford E. Kelley, Jr.</td>
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<td>FNE96-143</td>
<td>Broad Based Organic Control of Cranberry Fruit Worm</td>
<td>$2,950</td>
<td>Michael McFarlane</td>
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<td>FNE95-079</td>
<td>Developing a Sustainable Approach to Hop Production in Northeast</td>
<td>$5,970</td>
<td>Jonathan Blumberg</td>
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<td>FNE95-099</td>
<td>Best Methods of Establishing Newly Planted Cranberry Vine</td>
<td>$2,080</td>
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<td>FNE95-112</td>
<td>Once Daily Milking - Organic Dairy Herd</td>
<td>$4,990</td>
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<td>FNE94-037</td>
<td>Comparison of Organic Mulches for Perennial Quackgrass Control in Orchard Floor Management</td>
<td>$642</td>
<td>Cynthia Anthony</td>
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<td>FNE94-038</td>
<td>Minor Breed Turkeys - Growth Rate and Eating Qualities</td>
<td>$980</td>
<td>Anne Bossi</td>
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<td>FNE94-053</td>
<td>Feasibility and Propagation of Leafcutter Bee in Maine</td>
<td>$922</td>
<td>John Russell</td>
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### Evaluation of the Economic and Environmental Impact of Amino Acid Based Laying Rations
$660
Charles Wallace

### Nutrient Management For Potatoes Used for Potato Chips
$5,000
Carl D. Smith

### Evaluation of a Fiber Flax Production System as a Low Input, Alternative Crop for Northern New England
$5,000
Greg Ward

### Cranberry 2000
$6,250
Darin Hammond

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<th>Project #</th>
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<td>GNE22-277</td>
<td>Investigating Lobster Byproducts as Soil Amendments for Disease Suppression and Soil Health Improvement in Potato Production</td>
<td>$14,620</td>
<td>Dr. Jianjun Hao&lt;br&gt;University of Maine&lt;br&gt;Katie Ashley&lt;br&gt;University of Maine</td>
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<td>GNE21-253</td>
<td>How does climate adaptation knowledge spread in advisor-farmer networks? Tracking the long-term impacts of the Northeast Climate Adaptation Fellowship</td>
<td>$15,000</td>
<td>Dr. Rachel Schattman&lt;br&gt;University of Maine School of Food and Agriculture&lt;br&gt;Sara Delaney&lt;br&gt;University of Maine</td>
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<td>GNE21-260</td>
<td>Optimizing Thresholds and Reduced-Risk Management Strategies for the Control of SWD in Maine's Wild Blueberries</td>
<td>$10,528</td>
<td>Dr. Philip Fanning&lt;br&gt;University of Maine&lt;br&gt;Benjamin Johnson&lt;br&gt;University of Maine</td>
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<td>GNE20-244</td>
<td>Reducing Risks of Wildlife/Livestock Parasite Transmission</td>
<td>$14,907</td>
<td>Dr. James Weber&lt;br&gt;University of Maine&lt;br&gt;Rachel White&lt;br&gt;University of Maine</td>
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<td>GNE19-218</td>
<td>Automated Net Return Mapping: Using Inexpensive Technology for Maximizing Profit of Small-Scale Farms</td>
<td>$14,806</td>
<td>Dr. Eric Gallandt&lt;br&gt;University of Maine&lt;br&gt;Johnny Sanchez&lt;br&gt;University of Maine</td>
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<td>GNE19-194</td>
<td>Analyzing Early Growth Characteristics and Anchorage Force to Improve Cultivation Tolerance in Carrots</td>
<td>$14,683</td>
<td>Dr. Eric Gallandt&lt;br&gt;University of Maine&lt;br&gt;Rebecca Champagne&lt;br&gt;The University of Maine</td>
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<td>GNE18-172</td>
<td>Improving Productivity of Casco Bay Kelp Farms Using Spatiotemporal Analysis of Coastal Nutrient Data</td>
<td>$14,754</td>
<td>Dr. Damian Brady&lt;br&gt;University of Maine&lt;br&gt;Gretchen Grebe&lt;br&gt;University of Maine</td>
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| GNE18-184     | Innovative Resources for Small Ruminant Health                       | $15,000 | Anne Lichtenwalner, DVM PhD  
Sarah Paluso  
University of Maine |
| GNE15-110     | Bioactive compounds in farm-raised sea vegetables                    | $7,616 | Dr. Denise Skonberg  
University of Maine  
Dhriti Nayyar  
University of Maine |
| GNE14-072     | Balancing economy and ecology: A systems comparison of leading organic weed management strategies | $13,147 | Dr. Eric Gallandt  
University of Maine  
Dr. Jianjun Hao  
University of Maine  
Dr. Aaron Hoshide  
University of Maine  
Bryan Brown  
University of Maine |
| GNE14-074     | Genetic comparisons of temperature tolerances of a candidate sea vegetable crop, Alaria esculenta | $14,992 | Susan Brawley  
University of Maine  
Charlotte Quigley  
University of Maine |
| GNE14-076     | Increasing parameter accuracy of an agriculturally focused, spatially-explicit bee abundance model | $14,652 | Frank A. Drummond  
University of Maine, Dept of Biological Sciences  
Dr. Cynthia Loftin  
University of Maine  
Brianne Du Clos  
University of Maine |
| GNE13-053     | The effects of dietary imidacloprid on bumblebee health in lowbush blueberry fields in Maine | $14,082 | Frank A. Drummond  
University of Maine, Dept of Biological Sciences  
Kalyn Bickerman  
University of Maine Orono |
| GNE13-055     | Integrating social and natural science to improve pollination outreach and education for farmers | $13,545 | Dr. Samuel Hanes  
University of Maine  
Kourtney Collum  
University of Maine |
| GNE13-069     | Factors contributing to low embryo survival in Atlantic salmon (Salmo salar) | $14,989 | LeeAnne Thayer  
University of Maine |
| GNE11-016     | Farm-Grown Microbial Soil Inoculants: Effects on Bread Wheat Yield and Quality | $9,767 | Dr. Eric Gallandt  
University of Maine  
Aaron Englander  
University of Maine |
| GNE10-001     | Assessing the Direct Effect of Disease-Suppressive Soil Amendments on Rhizoctonia solani | $9,430 | Stellos Tavantzis  
University of Maine  
Edward Bernard  
University of Maine |
<table>
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| GNE10-004  | Improving Weed Control on the Small Farm: Evaluation of Scale-Appropriate Cultivation Tools | $8,700       | Dr. Eric Gallandt  
University of Maine  
Benjamin Costanzi  
University of Maine |
| ONE22-423  | Exploring the Viability of Intertidal Quahog Aquaculture in Maine             | $29,943      | Dr. Marissa McMahan  
Manomet                                           |
| ONE21-384  | Biological and Economic Optimization of Shell Size and Timing for Sea Scallop (Placopecten magellanicus) Ear-hanging in the Northeast U.S. | $21,190      | Dr. Damian Brady  
University of Maine                                  |
| ONE21-398  | Maine Soil Health Network: Sharing Soil Health Data and Practices to Increase Farm Viability and Climate Resilience | $29,634      | Alex Gulachenski  
Wolfe's Neck Center for Agriculture & the Environment |
| ONE20-359  | Improving Shelf Life of Fresh Pack Maine Wild Blueberries                     | $28,270      | Dr. Lily Calderwood  
University of Maine  
Marjorie Peronto  
University of Maine Cooperative Extension |
| ONE20-356  | Development of Integrated Seaweed and Green Sea Urchin Aquaculture for Diversification of Sea Farms in the Northeast | $29,985      | Andrea Angera, Jr.  
Maine Seaweed Exchange                                  |
| ONE20-364  | Biosecurity Preparedness, Infectious Disease Prevention, and Farmer Training on Northern New England Swine Farms | $29,270      | Carolyn Hurwitz  
Maine Department of Agriculture Conservation and Forestry  
Carol Delaney, M.S.  
Maine Department of Agriculture, Conservation and Forestry |
University of Maine Cooperative Extension               |
| ONE19-334  | Maine Climate Resilience Training Program                                     | $29,787      | Ryan Dennett  
Maine Organic Farmers and Gardeners Association        |
| ONE19-341  | Expanding Quahog and Oyster Polyculture in Maine                              | $29,575      | Dr. Marissa McMahan  
Manomet                                             |
| ONE18-322  | More Maine Meat Chain of Custody Project                                      | $14,996      | Tanya Swain  
Maine Sustainable Agriculture Society                 |
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<td>ONE17-306</td>
<td>A histopathological-biochemical health and condition assessment of farmed blue mussels in a changing Gulf of Maine</td>
<td>$14,233</td>
<td>Adam St.Gelais, University of New England</td>
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<td>ONE16-268</td>
<td>Pilot aquaculture production of sea scallops (Placopecten magellanicus) in Maine, Japanese technique</td>
<td>$14,665</td>
<td>Dana Morse, Maine Sea Grant and University of Maine</td>
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<td>ONE16-270</td>
<td>Effects of non-NPK organic soil amendments on yield and quality of vegetable crops</td>
<td>$10,197</td>
<td>John Paul Rietz, Organic Growers Supply (Fedco)</td>
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<td>ONE16-283c</td>
<td>Investigating methods of preventing soil loss in a potato:grain rotation system using cover and nurse crops</td>
<td>$9,866</td>
<td>Dr. John Jemison, Jr., University of Maine Cooperative Extension</td>
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<td>ONE14-203</td>
<td>High-tannin pasture plantings</td>
<td>$9,758</td>
<td>Diane Schivera, Maine Organic Farmers and Gardeners Association</td>
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<td>ONE14-204</td>
<td>Hancock County Gleaning Initiative</td>
<td>$14,850</td>
<td>Katie Freedman, Healthy Acadia</td>
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<td>ONE13-187</td>
<td>Potential of coppiced alder as an on-farm source of fertility for vegetable production</td>
<td>$14,896</td>
<td>Dr. Suzanne Morse, College of the Atlantic</td>
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<td>ONE13-195</td>
<td>Linking limited-resource immigrant farmers to EQIP programs</td>
<td>$14,565</td>
<td>Daniel Ungier, Cultivating Community</td>
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<td>ONE12-164</td>
<td>Farm-based control measures for caseous lymphadenitis in small ruminants: Offering a choice to the producer</td>
<td>$14,969</td>
<td>Anne Lichtenwalner, DVM PhD, University of Maine</td>
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<td>ONE11-141</td>
<td>Fall Flame Weeding: Targeting weed seeds before they enter the seedbank</td>
<td>$12,238</td>
<td>Dr. Eric Gallandt, University of Maine</td>
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<td>ONE09-098</td>
<td>Evaluation of Scale-Appropriate Weed Control Tools for the Small Farm</td>
<td>$9,236</td>
<td>Dr. Eric Gallandt, University of Maine</td>
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<td>ONE09-103</td>
<td>Grafting hoophouse tomatoes for improved yields and profitability</td>
<td>$9,525</td>
<td>Dr. Mark Hutton, University of Maine</td>
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<td>ONE09-109</td>
<td>On-farm Colonization of tomatoes by Mycorrhizal Fungi, phase 2</td>
<td>$8,307</td>
<td>Frank Wertheim, UMaine Cooperative Extension</td>
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<td>ONE08-088</td>
<td>Oregano oil for internal parasite control in sheep, goats, and beef cattle</td>
<td>$9,914</td>
<td>Diane Schivera Maine Organic Farmers and Gardeners Association</td>
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<td>ONE08-091</td>
<td>On-Farm Colonization of Tomatoes by AM Fungi</td>
<td>$4,055</td>
<td>Frank Wertheim UMaine Cooperative Extension</td>
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<td>ONE07-073</td>
<td>Evaluation of various recipes and ingredients for composting aquaculture fish waste to attain a stable, high-nitrogen end product</td>
<td>$9,995</td>
<td>Dr. Mike Pietrak USDA National Cold Water Marine Aquaculture Center</td>
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<td>ONE05-038</td>
<td>Adopting pre-sidedress nitrogen testing to minimize nitrate application in sweet corn and pumpkins</td>
<td>$8,010</td>
<td>David Handley University of Maine Cooperative Extension</td>
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<td>ONE05-040</td>
<td>Evaluation of forage soybeans to provide simultaneous benefits: A high-protein dairy forage and a legume cover crop?</td>
<td>$9,800</td>
<td>Mark Hutchinson University of Maine Extension</td>
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<td>ONE05-041</td>
<td>Evaluation of silver reflective mulch, white inter-row mulch, and plant spacing for increasing yields of bell pepper</td>
<td>$9,167</td>
<td>Dr. Mark Hutton University of Maine Cooperative Extension</td>
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<td>ONE05-044</td>
<td>MOFGA's Farm Training Project: Workshops for Farm Apprentices and Other New and Beginning Farmers</td>
<td>$6,560</td>
<td>Andrew Marshall Maine Organic Farmers and Gardeners Association</td>
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<td>ONE05-048</td>
<td>Pilot production of biodiesel from canola in New England</td>
<td>$9,925</td>
<td>Peter Sexton University of Maine Cooperative Extension</td>
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<td>ONE04-025</td>
<td>Managing Smooth Bedstraw (Galium mollugo L.) in Forage Crops</td>
<td>$7,405</td>
<td>Richard Kersbergen University of Maine Cooperative Extension</td>
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<td>ONE03-007</td>
<td>The effect of food processing waste on cover crop growth and subsequent cash crop production in a certified organic vegetable operation</td>
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<td>CNE12-095</td>
<td>Southern Somerset Local Foods Connection</td>
<td>$15,000</td>
<td>Paula Day</td>
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<td>CNE10-068</td>
<td>School-Supported Agriculture for Downeast Maine</td>
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<td>Katie Freedman</td>
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<td>CNE09-061</td>
<td>Recipes for success: Empowering farmers, leveraging resources, building community</td>
<td>$23,446</td>
<td>Craig Lapine</td>
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<td>CNE09-062</td>
<td>Maine Fiberarts Online Tour Map: Studios and Farms, 2009-2012</td>
<td>$24,378</td>
<td>Christine Macchi</td>
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<td>CNE08-046</td>
<td>Maine Beef Producers Association executive director position</td>
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<td>CNE08-050</td>
<td>Downeast Maine Farm to School</td>
<td>$10,000</td>
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<td>CNE08-054</td>
<td>Get Fresh Net</td>
<td>$9,658</td>
<td>Tanya Swain</td>
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<td>CNE07-030</td>
<td>Lots to gardens</td>
<td>$10,000</td>
<td>Kirsten Walter</td>
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<td>CNE06-005</td>
<td>Town of Rumford community and economic development planning for agriculture</td>
<td>$10,000</td>
<td>Mark Hews</td>
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<td>CNE06-012</td>
<td>Farm to School in Hancock County</td>
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<td>Doug Michael</td>
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<td>CNE06-016</td>
<td>Passamaquoddy youth wild berry package development</td>
<td>$8,881</td>
<td>Deirdre Whitehead</td>
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**Total funding from the USDA SARE program to Maine**

$9,237,873

For further information on projects, contact 802-651-8335 or nesare@uvm.edu. Sustainable Agriculture Research and Education (SARE) is funded by USDA’s National Institute of Food and Agriculture (NIFA).