NORTHEAST SARE
Sustainable Agriculture Research & Education

2022 Grant Programs:

- Research and Education
- Research for Novel Approaches
- Professional Development

June 24, 2021 noon – 1 p.m.

CC StreamText Link: https://www.streamtext.net/player?event=NortheastSARE

NORTHEAST SARE
Sustainable Agriculture Research & Education

USDA NIFA

United States Department of Agriculture
National Institute of Food and Agriculture

Northeast SARE serves:

Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, West Virginia & Washington, D.C.

> **Northeast SARE's Outcome Statement**
> Agriculture in the Northeast will be diversified and profitable, providing healthful products to customers. Farmers and the people they work with will steward resources to ensure sustainability and resilience, and foster conditions where farmers have high quality of life and communities can thrive.

Today, we will:

1) Identify the grant program that best fits your ideas.
2) Meet our grant coordinators and grantee Sarah Williford.
3) Discuss a strong preproposal.
4) Learn how to apply.

Impact of Biochar on Moisture and Nutrient Retention in Long Island Nurseries
Photo courtesy of Deborah Aller (LNE19-384R)

What is a Preproposal?

- **A short concept proposal –** the most promising are invited to submit a full proposal.
  - **Length: ~ 1,000 – 1,500 words.**
- **Required for:** Research and Education, Research for Novel Approaches & Professional Development Grant Programs.
- **Applicants may submit up to two proposals in each of the three programs (six total).** Applicants may only submit one *full* proposal.
- **Deadline:** August 3, 2021.

Eligible Organizations

- Extension, colleges, universities
- For-profit businesses including consultants and farmers
- Municipalities
- Non-Profits
- Tribal governments
- State and Federal Departments

Applicants and host organizations may be located outside of the Northeast region

Identification and Remediation of Compaction on Northeast Pasture Soils
Photo courtesy of Fay Benson (LNE19-372)

Extending the Season: New Frozen Products for a New Market
Photo courtesy of Amanda Kinchla (LNE18-370R)

Pick the grant program for your project

Grant Program	Project Activities Funded	Funding available per project	Project duration	Pre-proposal required?	Application due date	Contract start date	Eligible applicants	Required collaborators
Farmer	Test an idea with regard to production, marketing and other farm issues.	Up to $30,000*	1 to 2 years	no	Late fall	March 1	Farmers ($1k gross income)[1]	Technical advisor[2]
Graduate Student	Applied research.	Up to $15,000	1 to 2 years	no	Late spring	Aug 1	Enrolled graduate students	Faculty advisor
Partnership	Work with a farmer(s) to test an idea with regard to production, marketing and other farm issues.	Up to $30,000	1 to 3 years	no	Late spring	Aug 1	People who work with farmers	Farmer collaborator(s)
Research and Education[3]	Farmer education; may include an applied research component.	$30,000 to $250,000	1 to 3 years	yes	Preproposals in summer; full proposals in fall	March 1	Researchers, farmers, educators and others who work with farmers	Advisory committee
Research for Novel Approaches	Applied research.	$30,000 to $200,000	1 to 3 years	yes	Preproposals in summer; full proposal in fall	March 1	Researchers	Advisory committee
Professional Development[3]	Education for educators and service providers who work with farmers.	$30,000 to $150,000	1 to 3 years	yes	Preproposals in summer; full proposal in fall	March 1	People who work with farmers, educators and/or service providers	Advisory committee

Notes: All grant programs require that proposals be submitted online. Projects may cover expenses such as labor, supplies, services and project-specific equipment but those costs used to start or expand farming operations (i.e., "regular" farm equipment and structures) are not allowed.

*Northeast SARE's Administrative Council voted to increase the Farmer Grant cap from $15,000 to $30,000 in Feb. 2021. More information about changes in grant program expectations will be released with the Call for Proposals later this year.

[1]See Northeast SARE's definition of a farm at: northeast.sare.org/farmdefinition.

[2]See guidance for Farmer Grant Technical Advisors at: northeast.sare.org/technicaladvisor.

[3]These grant programs use an Outcome Funding model; learn more at: northeast.sare.org/outcomefunding.

rev 03.16.2021

Large Grant Program Similarities

- **Project Duration**
  - 1 to 3 years.
- **Preproposal**
  - Required.
- **Required collaborators**
  - Advisory committee.
- **Wide range of topics**
- **Allowable expenses**
  - Labor, supplies, services and project-specific equipment.
  - Those costs used to start or expand farming operations (i.e., “regular” farm equipment and structures) are not allowed.

Building attract-and-kill systems for management of the brown marmorated stink bug in apple orchards
Tracy Leskey, ARS/WV (LNE14-334)
Photo courtesy of Doug Pfeiffer, Virginia Tech

Large Grant Differences

Grant Program	Performance Target	Project Activities Funded	Funding available per project	Typical applicants
Research and Education	Yes	Farmer education; may include an applied research component.	$30,000 to $250,000	Researchers, farmers, educators and others who work with farmers
Research for Novel Approaches	No	Applied research.	$30,000 to $200,000	Researchers
Professional Development	Yes	Education for educators and service providers who work with farmers.	$30,000 to $150,000	People who work with farmers, educators and/or service providers

Questions?

Research and Education Grant Program

- **This grant program is designed to directly benefit farmers.**
- **Total funding available:** $2,000,000.
- **Typical amount per grant:** $30,000 - $250,000.
- **Average success rate:**
  - 50% invited.
  - 30% funded.
- **Education is the required component.** Performance targets do not include research.

Research and Education Grant Program
Performance Target Examples

- 100 farmers will adopt the use of integrative parasite control on their farms. Adoption of these techniques will be utilized in 2,000 or more sheep and/or goats, saving an estimated $28 per head in reduced chemical dewormer usage.
- 80 farmers will document improved confidence in hemp production, 50 will report improved rotations, reduced production costs, and/or improved hemp yields of 200 lbs/acre on 50 acres.
- At least 10 farmers will establish a Black farmer marketing co-op to: 1) increase their agricultural sales by $500, for a total increase of $5,000; 2) increase access to land and financial capital; and 3) enhance social sustainability through improved mental health, well-being, and community connections.

Research and Education Project Example

Improving Nutrient and Pest Management in High Tunnel Tomato Production

Dr. Rebecca Sideman, University of New Hampshire (LNE15-343)

Photos courtesy of Dr. Rebecca Sideman

Research for Novel Approaches Grant Program

- **This grant program is for research that has a high likelihood of farmer adoption in the near future.**
- **Total funding available:** $1,500,000.
- **Typical amount per grant:** $30,000 - $200,000.
- **Average success rate:**
  - 30% invited.
  - 30% funded.

Research for Novel Approaches Grant Program
Project Example

Improving Honey Bee Health and Crop Visitation during Pollination

Kristen Traynor, University of Maryland (LNE19-392R)

Photo courtesy of Kristen Traynor

Professional Development Grant Program

- **This grant program is for the benefit of service providers who work with farmers.**
- **Total Funding:** $1,000,000.
- **Typical amount per grant:** $30,000 - $150,000.
- **Average success rate:**
  - 80% invited.
  - 50% funded.

Professional Development Grant Program
Performance Target Examples

- 50 technical service providers who increase knowledge and skills related to no-till practices in a livestock forage system provide technical assistance to 200 farmers managing 40,000 acres of forages.
  - (*Optional Farmer Outcome*) 100 farmers implement 2500 acres of no-till forages and save an estimated $50/acre.

- 40 agricultural service providers who gain skills and knowledge in the application of on-farm solar photovoltaics (PV) will provide 8 regional educational and training programs in Maryland to 120 farmer beneficiaries.
  - (*Optional Farmer Outcome*) A total of 40 farmers will make changes to their operation to implement 500 kW of on-farm solar PV.

- 192 agriculture professionals who learn about the 12 legal best practices for farmers in farm employment, business structures, land matters, sales, agritourism, and insurance/liability law recommend at least one of those 12 legal best practices to a total of 2112 farmers.

Professional Development Grant Program Project Example

Improving Whole Farm Planning Education in the Northeast

Sarah Williford, Center for Agriculture Development and Entrepreneurship, Walton, NY (ENE17-148)

Questions for Sarah?

Improving Whole Farm Planning Education in the Northeast
Photo courtesy of Sarah Williford (ENE17-148)

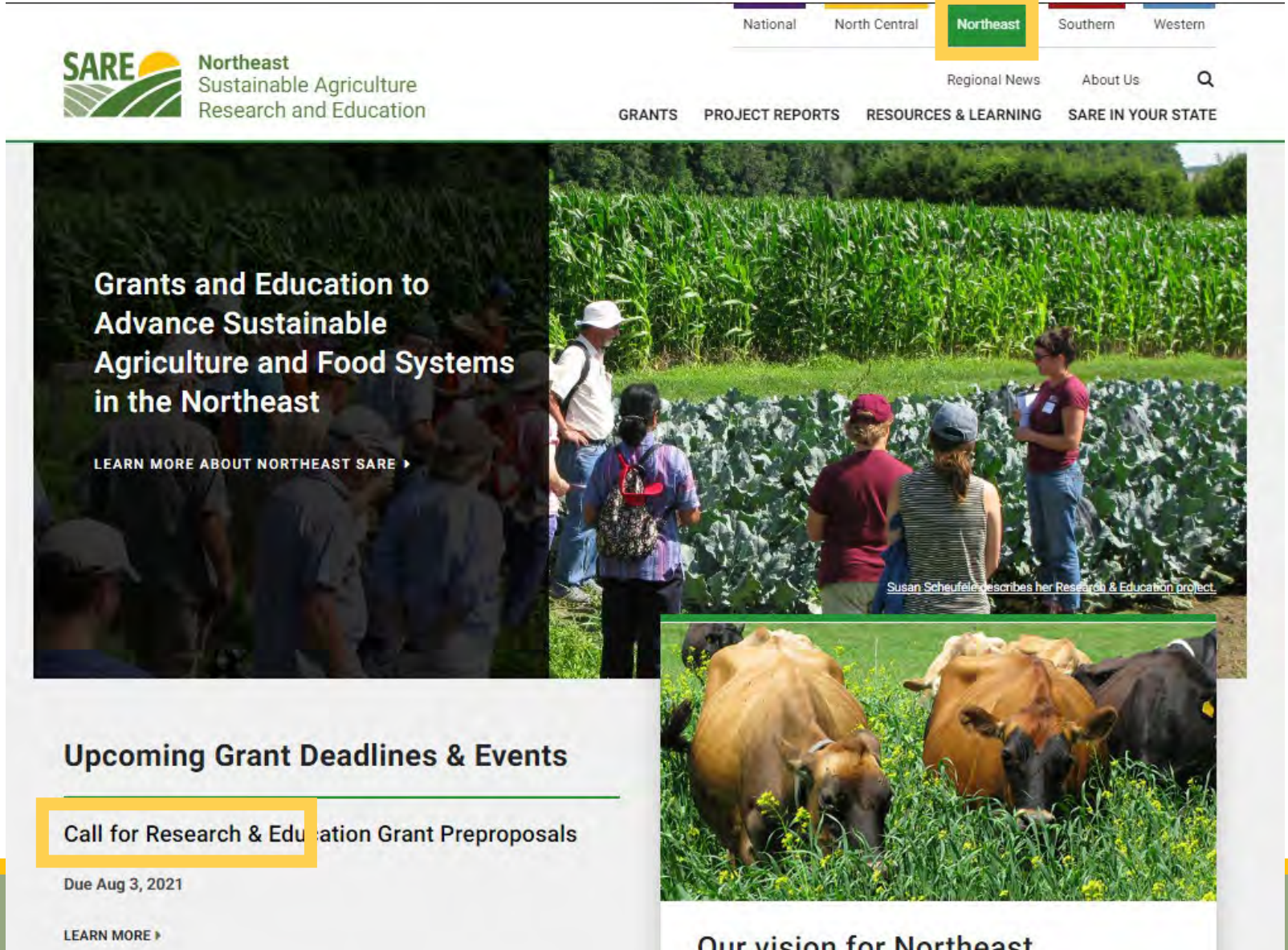
Grant Timeline

- Preproposal Deadline:
  August 3, 2021, 5 p.m. ET
- Full proposal invitations:
  August 30, 2021
- Full Proposal Deadline:
  October 26, 2021, 5 p.m. ET
- Award decision:
  Late February 2022
- Project Start Date:
  March 1, 2022

Northeast Pollinator Conservation Planning Short Course
Eric Mader, The Xerces Society (ENE10-117)

How to Apply

Go to: northeast.sare.org



Professional Development Grant Program

The Northeast SARE Professional Development Grant Program funds train-the-trainer projects that develop the knowledge, awareness, skills and attitudes among the full range of service providers who work with farmers, including agricultural professionals who teach, advise and assist farmers about sustainable agriculture practices and strategies as well as non-agricultural service providers (e.g., attorneys, lenders, etc.) that work with farmers. These service providers then use the knowledge, awareness, skills and attitudes they gain in their work with farmers.

Outcome Funding

This grant program uses an outcome funding approach that directly connects project activities to measurable goals. If you are not familiar with how outcome funding works, we urge you to read Northeast SARE's Guide to Outcome Funding.

Central to this approach is the *performance target*, a statement that describes the changes in behavior or conditions among project beneficiaries (in this case, service providers) that are expected as a result from the proposed project.

Preproposals Required

Preproposals are required for the Professional Development Grant Program. The preproposal is a preliminary concept document that allows SARE reviewers to select the most promising projects to be invited to submit full proposals. Proposals are only invited if they have strong, data-based justification, a clear and measurable performance target, and effective approaches to achieving the target. Projects must seek wider adoption of sustainable practices through education. Practices may be related to production, marketing, finances, or social/quality of life issues.

Call for Preproposals Now Open

Northeast SARE has released the 2022 Call for Professional Development Grant Preproposals. Preproposals are due by 5 p.m. ET on August 3, 2021. Invited full proposals are due by Oct 26, 2021.

Download the Call

PROGRAM RESOURCES

- Guide to Outcome Funding
- Project Verification Planning Guide
- Adult Learning Guide

NORTHEAST SARE
Sustainable Agriculture Research & Education

Professional Development Grant Program

2022 Call for Preproposals

Important Dates

The online system will open to accept preproposals starting on: **May 18, 2021**

Preproposals are due no later than: **August 3, 2021, 5:00 p.m. ET**

Preproposals are submitted online at: projects.sare.org.

Questions?

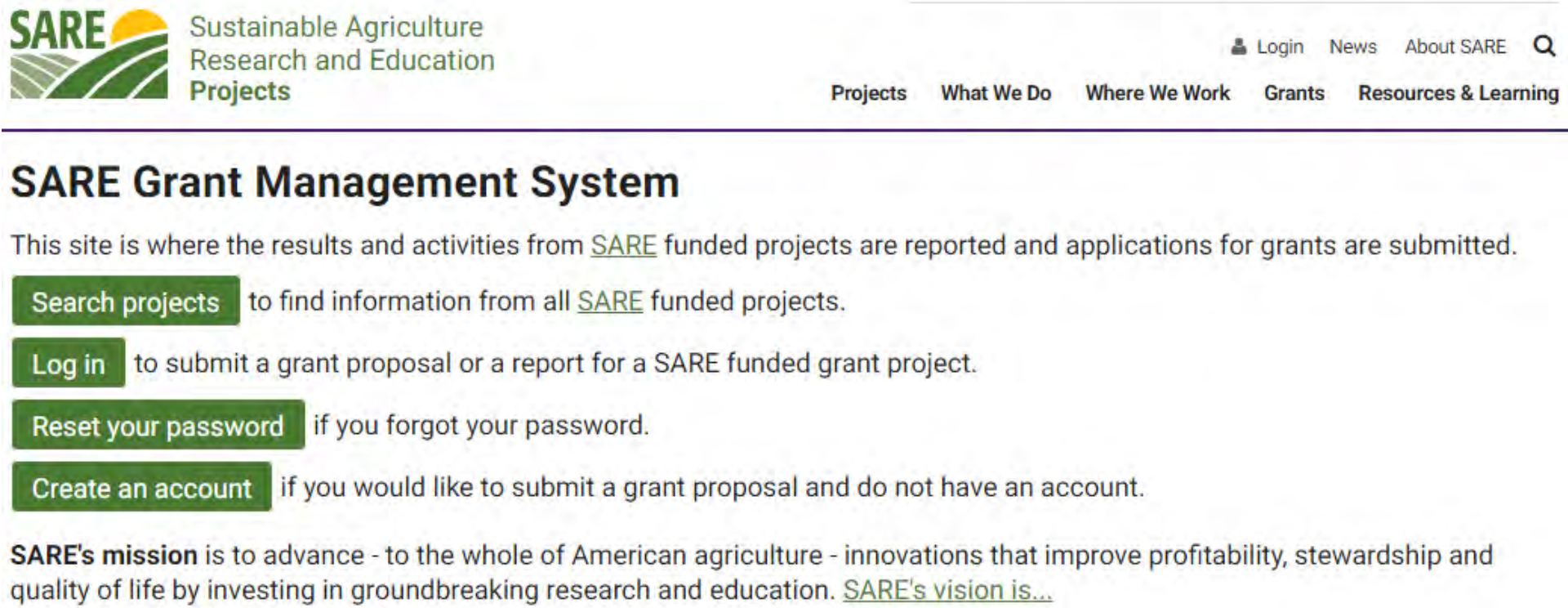
Visit the Northeast SARE website at: **www.northeastsare.org/PDP**. For questions about this call, contact Katie Campbell-Nelson at **kc2233@cornell.edu** or 413-834-1090.

About Northeast SARE

The Northeast Sustainable Agriculture Research and Education (SARE) Program offers competitive grants to farmers, educators, agricultural service providers, researchers, graduate students and others to address key issues affecting the sustainability of agriculture throughout our region. Northeast SARE is one of four regional SARE programs funded by the USDA National Institute of Food and Agriculture.

How to Apply

Go to: https://projects.sare.org/



SARE Sustainable Agriculture Research and Education **Projects**

Apply For A Grant

My proposals

+ **Northeast**

CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT

+ **Southern**

AL, AR, FL, GA, KY, LA, MS, NC, OK, SC, TN

+ **Western**

AK, AZ, CA, CO, HI, ID, MT, NV, NM, OR, UT,

– **Northeast**

CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT, WV, DC

2022 Northeast SARE Research for Novel Approaches Preproposal

Call for pre-proposals

Closes: August 3rd, 2021 at 5:00pm EDT

You have 1 existing proposal for this grant

Begin a new proposal

2022 Northeast SARE Research and Education Preproposal

Call for pre-proposals

Closes: August 3rd, 2021 at 5:00pm EDT

You have 1 existing proposal for this grant

Begin a new proposal

2022 Northeast SARE Professional Development Program Preproposal

Call for pre-proposals

Closes: August 3rd, 2021 at 5:00pm EDT

You have 1 existing proposal for this grant

Begin a new proposal

« My Proposals

2022 Northeast SARE Professional Development Program Preproposal

Call for pre-proposals

No Project Title – 782084 * Edit title

Missing Project Description *

Edit description

Principal Investigator

Nevin Dawson

Change

Preproposal Questions

View Draft

Closes:
August 3rd, 2021 at 5:00pm EDT

* General Information

* Preproposal Questions

* Proposal missing required answers - these must be completed for submit button to appear

Only Nevin Dawson can submit this proposal.

This is the portal to submit preproposals to SARE's Northeast Region for **Professional Development Program** grants. If you would like to submit a proposal to another region, or you would like to submit a preproposal to the Northeast **Research for Novel Approaches** or **Professional Development Program** grants, please return to "Apply For A Grant" and scroll down to the appropriate Region and grant program.

Before proceeding, it is very important to read through th application instructions. Submit by **Tuesday, August 3rd, 2021 at 5:00pm EDT**.

Please note:

- No attachments are allowed in the preproposal application.
- Do not include links to external sites; they will not be considered by reviewers.
- A formal budget is not required, but you will be asked to estimate your anticipated funding request.
- No authorized signatures are required for preproposal submission.

Start your preproposal by clicking "**Edit Title**" and enter a clear and succinct title, in title case, of under 150 characters (including spaces) that captures the essence of the project's intent. Avoid acronyms, jargon and unnecessary words. Be sure to click "**Save.**"

Next, provide a brief "**Project Description**" of 300 characters or less by clicking "**Edit Description**."

Preproposal Questions

View Draft

Closes:
August 3rd, 2021 at 5:00pm EDT

✓ General Information

✓ Preproposal Questions

Submit Proposal

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Questions?

NORTHEAST SARE
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www.northeastsare.org

Contact our Grant Coordinators

Heather Omand
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Phone: 802-651-8335, ext 551
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Katie Campbell-Nelson
Professional Development Grants
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NORTHEAST SARE
Sustainable Agriculture Research & Education

Thank You!

www.northeastsare.org