



NECAFS

USDA Northern Northeast Center for
Advanced Food Safety

Chris Callahan

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Enhance produce safety and preventive controls

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preventive controls training,
education, and outreach

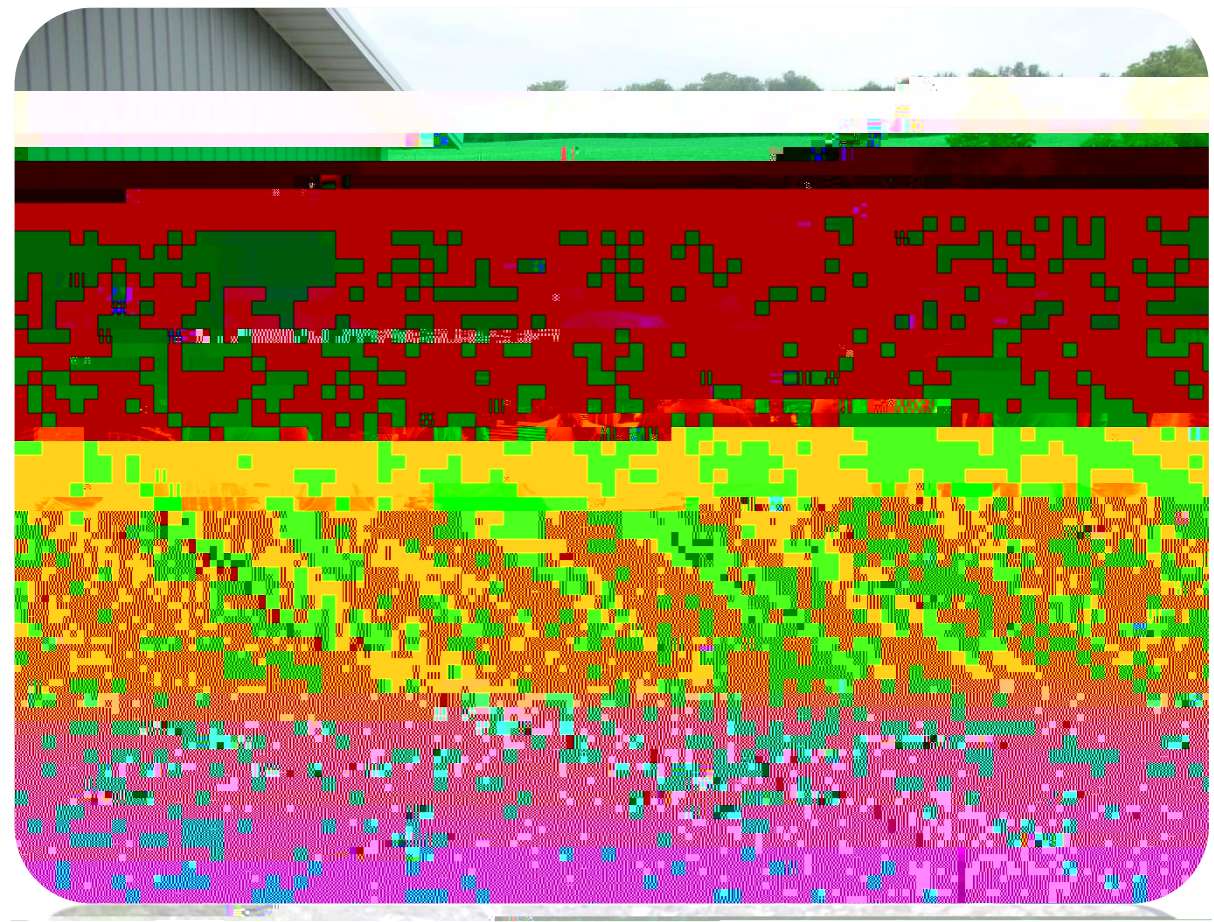
Enhance produce safety and preventive controls training, education, and outreach among small and medium sized farms and small processors

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The Northeast Center to
Advance Food Safety



Goal:

Enhance produce safety and preventive controls training, education, and outreach among small and medium sized farms and small processors in the Northeast.

Objectives:

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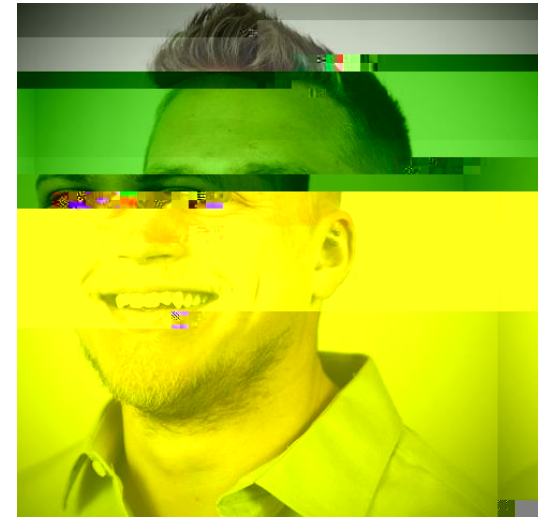
Enhance produce safety and preventive controls training, education, and outreach among small and medium sized farms and small processors in the Northeast.

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Elizabeth Newbold

Annie Fitzgerald



Sean Fogarty



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Roadmap to Resources

Regional Preventive
Controls Needs Assessment

Regional Processing Data
Snapshot

National Water Lab Map

Buyer Handbook

Summarizing and Extending Existing Produce Safety Research

Produce Safety Research Consortium

Resources for Hydroponic & Aquaponic Growers

Systematic Produce Safety Needs Assessment

Decision Support Tool

PSA Pre- and Post-Test Evaluation

Extension Legal Services Initiative project with the Center for Ag and Food Systems at Vermont Law School

Food Safety Resource Clearinghouse

Collaborative Framework Literature Review

Google Analytics Data Visualization of Usage Metrics from the Food Safety Resource Clearinghouse

Summary of Class by Module

Module	Pre Test % Correct	Post Test % Correct	Delta
1	72%	81%	9%
2	92%	97%	5%
3	63%	78%	14%
4	52%	75%	23%
5	52%	76%	24%
6	46%	76%	30%
7	38%	62%	24%

Summary of Class by Module

Module	Pre Test % Correct	Post Test % Correct	Delta
1	78%	84%	6%
2	93%	97%	4%
3	74%	85%	10%
4	58%	83%	25%
5	68%	84%	17%
6	60%	77%	18%
7	45%	71%	26%

Summary of Class by Module

Module	Pre Test % Correct	Post Test % Correct	Delta
1	80%	89%	8%
2	94%	98%	4%
3	86%	91%	5%
4	67%	85%	17%
5	68%	83%	15%
6	66%	84%	18%
7	56%	75%	19%

Overall Summary Stats (2019)

	Pre	Post	Delta
N	110	107	-3

Overall Summary Stats (2020)

	Pre	Post	Delta
N	99	96	-3

Overall Summary Stats (2021)

	Pre	Post	Delta
N	90	93	3

Factsheet topics

Hydroponics and Aquaponics 101

Cleaning and Sanitizing

Fish Health and Handling

Harvest and Postharvest Handling

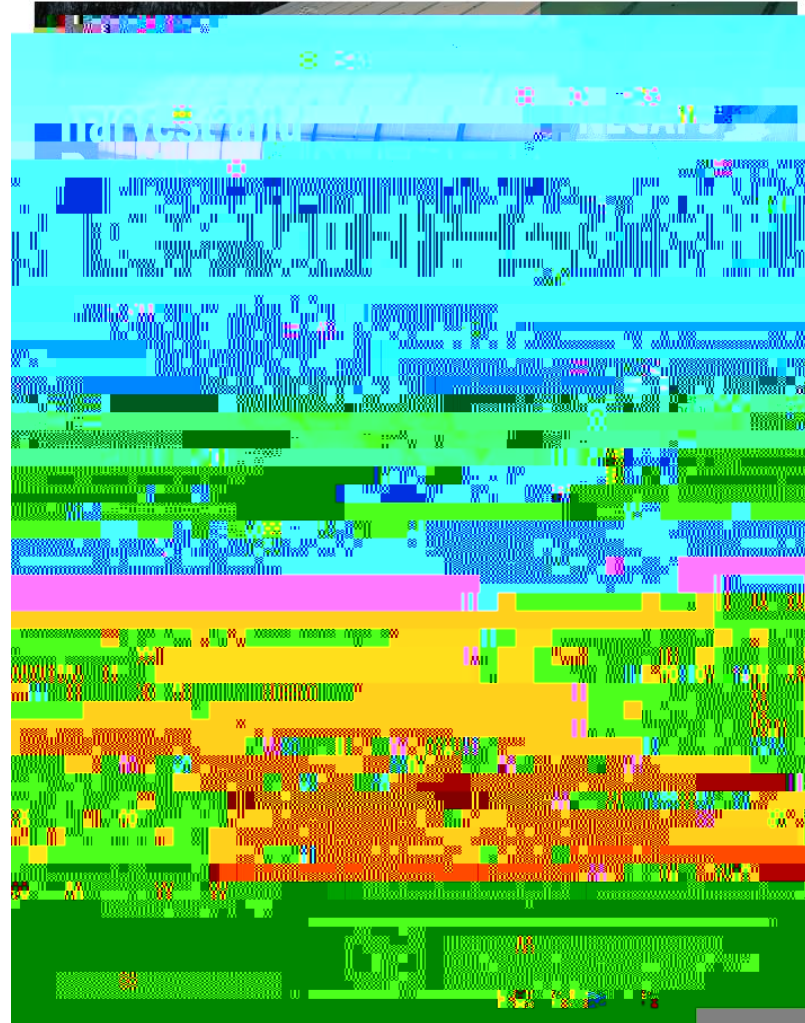
Personal Health and Hygiene

Waste Management

Water Quality

Wildlife and Domesticated Animals

First release expected in summer 2022.



Problem Statement / Issue Definition:

Wide-ranging approaches and inconsistent FSMA implementation and inspection decisions across states, due to the diversity of producer features, food safety needs, educational approaches, research project development, and individualized regulatory programs in the Northeast. There are unique aspects of the growing systems in the Northeast which are worth investigating using quantitative methods to improve both *knowledge*, but more importantly *practice*, to reduce the risk of human pathogens in the fresh produce industry.

Approach / Methods:

1. Provide a framework for on-going region-wide on-farm sampling and analysis targeting pathogens of concern at regional university and FDA labs.
2. Provide a framework for identified data gap research for the Office of Analytics and Outreach (OAO) and for the Office of Food Safety (OFS).
3. Provide a unique framework to evaluate specific FSMA-

Food safety communicators needed a single, user-friendly resource for small and very small processors

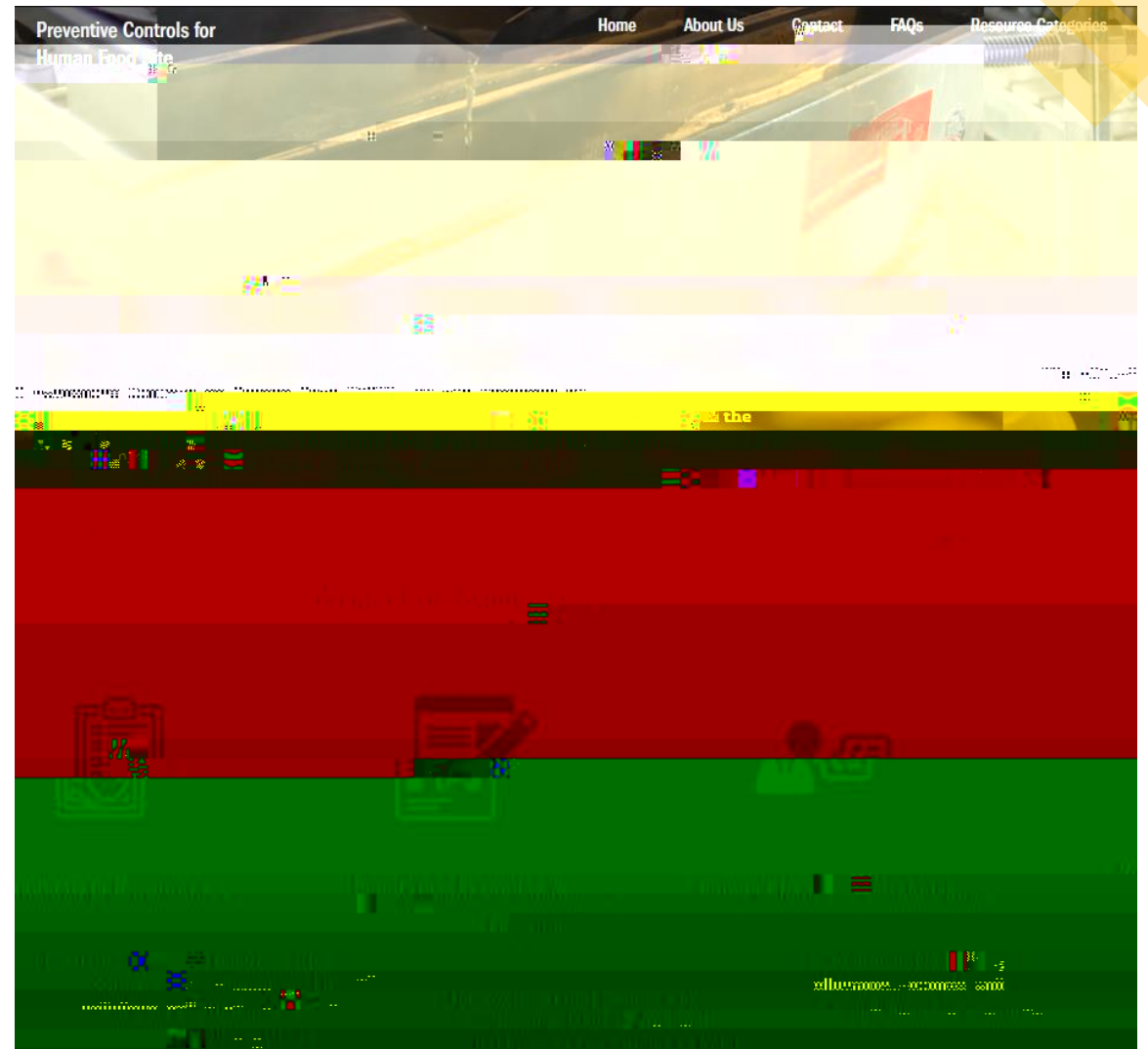
Surveyed local, state, and federal food safety resources

Developed a site that supports processors

Currently in user experience testing

Peer review is next

Anticipated launch, late spring 2022



NECAFS



150 North 10th Street
Annapolis, Md 21403-5000

Elizabeth Newbold



10:00 Break



10:10 Concurrent Workgroup Meetings



11:30 Virtual Poster Session



12:00 Lunch



1:00 Concurrent Workgroup Meetings



Connect with partners

Meet new collaborators and peers

Ask questions

Share resources and experiences

Engage in discussion

Workgroup approach is intended to provide time together to move topics along through dialog

...and to promote co-discovery

...and to hatch new plans and projects