NECAFS

The Northeast Center to Advance Food Safety

Update on National Work

This work is supported by the Food Safety Outreach Program grant no. 2018-70020-28878 and 2021-70020-35497 from the USDA National Institute of Food and Agriculture.

National Institute of Food and Agriculture UNITED STATES DEPARTMENT OF AGRICULTURE



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PRODUCE SAFETY RULE INSPECTIONS AND THIRD-PARTY AUDITS

Extension Legal Services Initiative FSMA Fact Sheet







AGRICULTURE &

FOOD SYSTEMS

elsi.necafs.org



Extension Legal Services Initiative FSMA Fact Sheet



Extension Legal Services Initiative

- Project Partner: Center for Agriculture and Food Systems at Vermont Law School
 - FSMA PSR State Implementation Map
 - FSMA PSR Coverage and Exemptions for Farms with Multiple Business Entities
 - FSMA Supply Chain Program Requirements for Processors and Their Produce Suppliers
 - Using the FDA TAN and FOIA to Access Information about FSMA
 - Understanding the Relationship between FDA Rules, Guidance and Other Communications
 - Produce Farms, Foodborne Illness, and Legal Liability
 - Produce Safety Rule Inspections and Third-Party Audits
 - Alternatives and Variances to the Produce Safety Rule



A United States

Department of

Clearinghouse Peer Review Process

• Peer review is available for any add-on produce safety or preventive controls for human food material through the Food Safety Resource Clearinghouse

• Opportunity to receive anonymous review from your peers on educational material's accuracy, reliability and useability

• Once reviewed, content is added to the Clearinghouse with a peer reviewed stamp



	Wildlife Damage Flash Cards: An engaging way to help train your workers Added by Phillip Tocco • Last updated December 18, 2020 AUTHOR: Phil Tocco TYPE: Add-on / Supplemental Educational Material TOPIC: General (PSR), Produce Safety Rule (PSR), Wildlife, Domestic Animals & Land Use	Peer Reviewed
	ce contains several flash cards that growers can use as part of a tailgate training with farm workers. These serve to start ons around relative risk.	#697
ercane: orbite	Hygienic Design on Produce Farms Interactive Video	
में प्रम	Added by Phillip Tocco • Last updated April 7, 2020	
	AUTHOR: Alison Work, Chris Callahan and Phil Tocco	
YPE: Add-on	/ Supplemental Educational Material, Videos	
OPIC: Preven	tive Controls (PCs), Preventive Controls for Human Foods (PCHF), Postharvest Handling & Sanitation, Produce Safety Rule (PSR)	
vaienic or (Sanitary Design allows equipment and the areas around it to be easily cleaned and sanitized, which is crucial when it comes to	food cafety This
		Toou salety. This
leractive v	ideo walks you through key principles to consider when evaluating the hygienic design of your equipment.	
iteractive v	ideo walks you through key principles to consider when evaluating the hygienic design of your equipment.	

foodsafetyclearinghouse.org

Resources for Hydroponic & Aquaponic Growers Sean Fogarty, sean.z.fogarty@uvm.edu

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.



Introduction

Harvest

WHAT DOES HARVEST LOOK LIKE

Aquaponic and hydroponic

operations, which grow crops

crops and root crops, operate

ranging from leafy greens, to vine



larvest practices depend on th nique system such as in this ieep water culture (DWC) bed of



ydroponic system.

in numerous ways. Tools used the produce into retail packaging to harvest crops will vary, with or a reusable tote. Larger, highly harvest in small operations being mechanized operations may use machinery, such as a robotic arm, to predominantly done by humans. and in large operations more harvest the produce and transport it likely done through a mechanized on a conveyor belt to a pack room.



pling practices to reduce produce cofety del

Harvest and postharvest handling practices in hydroponic

used in field agriculture, though the presence of production

water introduces special considerations. In general, workers

should always be aware of anything that comes in contact

food contact surfaces with pathogens. This factsheet covers

of crops in a hydroponic or aquaponic operation, with the

risk factor of water contact as a central consideration.

recommended practices for harvest and postharvest handling

with production water, which can contaminate food and

and aquaponic operations are generally similar to those







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The Food Safety Modernization

Act's Produce Safety Rule

standards for growing,

and holding produce for

harvesting, packing,

human consumption.

(FSMA PSR) sets mandatory



Introduction

Wildlife and domesticated animals can carry pathogens to food and food contact surfaces, and growers should understand how to limit or exclude their access to production and packing areas. When it comes to excluding wildlife and domesticated animals, determining whether or not your operation is located in a fully or partially-enclosed building will inform your decision-making and practices. In outdoor and partiallyenclosed hydroponic or aquaponic operations, wildlife and domesticated animals may enter the production area and potentially contaminate produce, so it is important to deter their presence. This factsheet outlines the food safety concerns associated with animal intrusion, as well as recommendations for preventing and dealing with these trespassers.

Wildlife In and Around Hydroponic or Aquaponic Operations

Hydroponic and aquaponic farms operate in a range of building structures. In colder climates it is more likely for these operations to be located inside a heated greenhouse or building. In warmer areas, it is not uncommon to see operations in the open or in partially-enclosed structures. This variation in building structure brings different considerations when

managing wildlife and approaches to excluding them. For example, different types of wildlife, large and small, can enter the production area of an open outdoor operation. However, while a partially-enclosed building may have more protection against large wildlife, smaller animals can still enter through small openings such as uncovered vents or fans.



2022 Annual Meeting

Curating Resources for Processors Annie Fitzgerald

- 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



Connect to Resources



Roadmap to Resources

Learn more about the Preventive Controls for Human Food Rule and where to find answers to your questions. Templates, Examples & Forms

Here you can find sample and real working documents that food processors can use to follow



Connect to a Professional

Find preventive controls educators, experts, and specialists in your area.





Thank You

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