



Welcome!

- All participants are muted
- There will be time for questions and discussion throughout the meeting
 - Please use Q&A or chat, or raise hand to be unmuted
- This session will be recorded and the presentation will be shared via the listserv and on our website after the call
- Today we will share links to a lot of resources this list will be shared after the call!

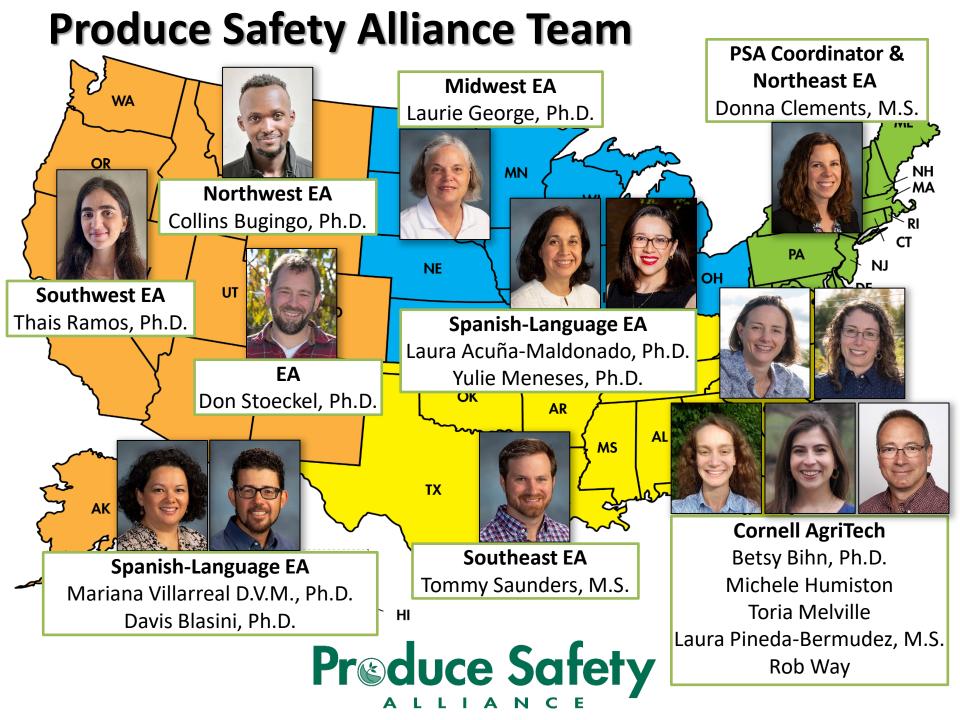




Agenda

- Team Updates
- Training Metrics
- Remote & Online Training Updates
- Policy Updates & Reminders
- FDA Updates
- Trainer Resources
- General Resources
- PSA Trainer Discussion
- Spanish-language Efforts
- International Updates
- Update on PSA Funding Timeline

Preduce Safety





2023 PSA Team Updates

- Hiring and Training new PSA Team Members
 - New in 2023: Yulie Meneses
 - Returning but in new role: Don Stoeckel
 - Re-joined PSA team to lead Special Projects
 - Still Building Expertise within PSA Team
 - Collins Bugingo PSA Lead Trainer
 - Thais Ramos PSA Trainer
 - Yulie Meneses PSA Trainer
 - Appreciate collaboration and support!





PSA Training Milestones

Overall Stats

Sept. 2016 – Sept. 30, 2023

90,120 Grower Training Participants 3,672 Train-the-Trainer Participants

Train-the-Trainer Courses

Domestic

- 103 Train-the-Trainer Courses
- 2,143 Trainers
- 290 Lead Trainers

International

- 30 Train-the-Trainer Courses
- 940 Trainers
- 232 Lead Trainers

Grower Training Courses

Domestic

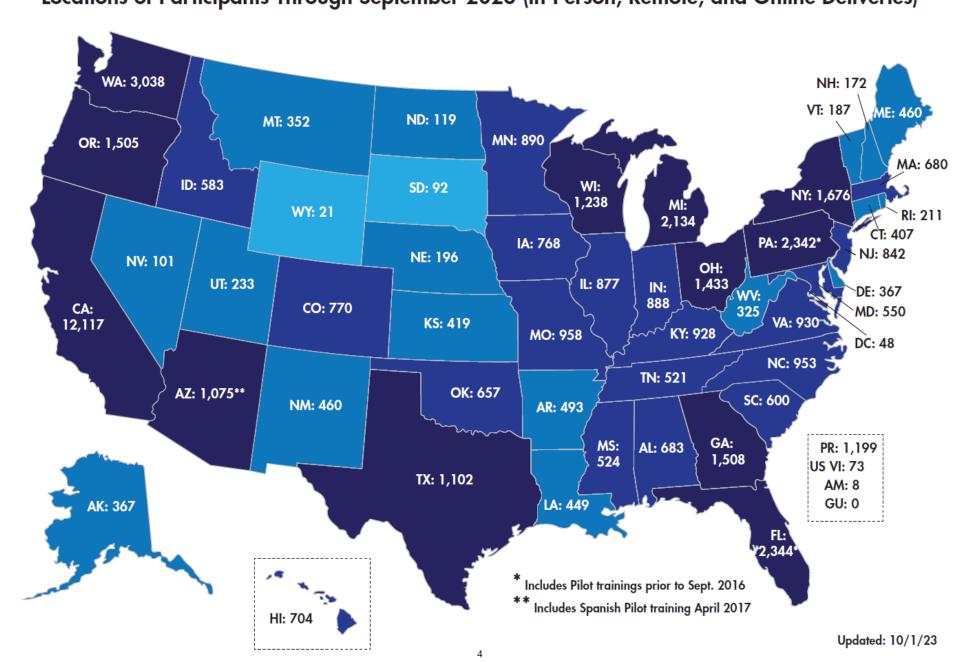
- 2,802 Grower Training Courses
- 53,173 Grower Participants

International

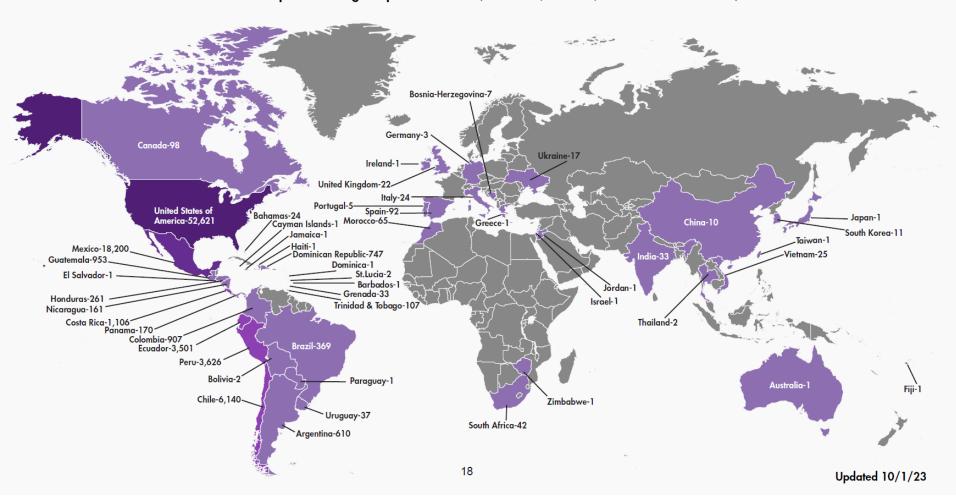
- 1,498 Grower Training Courses
- 36,947 Grower Participants



Nationwide Produce Safety Alliance Grower Training Course Participants Locations of Participants Through September 2023 (In-Person, Remote, and Online Deliveries)



Produce Safety Alliance Grower Training Course Participants Locations of Participants Through September 2023 (In-Person, Remote, and Online Deliveries)





PSA's Data Sharing Policy

- Quarterly reports are produced which include state and country breakdown of courses and participants
 - Most recent report available through Sept. 30, 2023
- PSA and AFDO do not share contact information for course attendees or evaluation reports with anyone but the Lead Trainer(s)/Trainer(s) involved in the course
 - This is to protect the privacy of course participants and to ensure that fear of ending up on a "list" does not prevent growers from attending the PSA GT to receive the education they need







PSA Trainer Directory

- Reminder that this directory only includes trainers who want to be listed publicly
- New 'active trainer' column was added
- Did you change jobs? Change states?
 - Please update your entry with any changes!

Produce Safety Alliance Trainer Directory					
	our most recent <u>quarterly training report</u> as some trainers choose to not be listed in the has participated as a Trainer in a PSA Grower Training Course within the past 2 years, or to be added to this directory.				_
Search Options			4		
First Name Last Name	Business				
Select a Language Select Language Select a State Select State	▼ Select a Country Select Country ▼ Select a Trainer Type ToTs	➤ Filter To Show Only Active Trainers			
Submit					
Reset all Fields					
Total results found in the Trainer Directory: 34					·
Database last updated on: 10/10/2023					
Name	Business	Location	Trainer Type	Languages	Active Trainer
Laura Acuña-Maldonado					
Phone: 607-882-5635	Produce Safety Alliance	New York	ToT	English, Spanish	Yes
Email: lea6@cornell.edu		United States			
Elizabeth Bihn					
Phone: 315-787-2625	Produce Safety Alliance	New York	ТоТ	English	Yes
Email: eab38@cornell.edu		United States			



Remote Training Policy Updates

PSA GT remote policy was made permanent

Comparing 2019 in-person (GR) and 2022 remote GT(GRRD) data evaluations and stakeholder feedback

The analysis indicated;

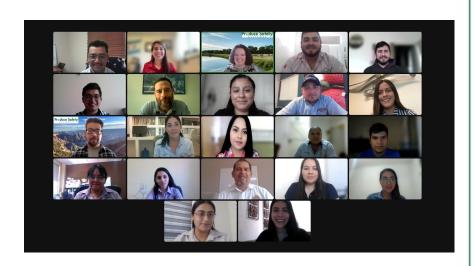
- That the level of FSMA PSR information was enough to guide implementation for both GRRD and GR
- An increase in knowledge of FSMA PSR requirements for both delivery formats, with GRRD being statistically more effective for three modules
- Better instructor effectiveness to deliver the content for In-person than remote trainings for all but two modules
- Primary concern
 - Twelve percent of the GRRD participants (n=5505) experienced audio /and or video issues





Remote Training Policy Updates

- A factsheet and peer reviewed publication will be released highlighting lessons learned
- NEW remote course setup guide and checklist on PSA website under trainer resources
 - Follow the pointers to ensure high quality trainings
- Ensure all remote delivery policies are implemented prior to, during, and after the training







Online PSA Grower Training Updates

- Online English Course still being offered
 - 3-week, asynchronous, instructor-assisted
 - Currently led by the PSA team and select external facilitators (PSA Lead Trainers)
 - 14-day requirement that participants submit at least one discussion
 - \$450 registration fee
- Spanish Online PSA Grower Training Course Launched
 - Similar approach as the English online course
 - First pilot conducted- August 2023
 - Next pilot scheduled for January/ February 2024







PSA Policy Reminders

Printed PSA Grower Training Manuals

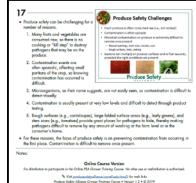
Printed PSA Grower Training manuals are required for in-person and remote
 PSA Grower Trainings

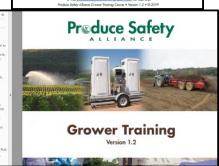
 Participants MUST have a printed manual prior to the start of the course or they will not be eligible for the training certificate

- Participants cannot be expected to print their own copies
- If participants do not have manuals, we will follow up with the PSA Lead Trainer(s) on record

Electronic PSA Grower Training Manual

- Available for download as a resource
- MAY NOT be used as substitute for the printed manual for in-person and remote
- https://producesafetyalliance.cornell.edu/curric ulum/english-grower-manual-v12-interactive-pdf-download/
 Preduce Safety







Reminder: Be Clear When Marketing Your Courses

Remote Course

Course led in real time by instructors delivered with video conferencing

• In-Person Course

 Traditional in-person course, be clear if the course is one or multiple days

Online Course

- A three-week course that can be completed at your own pace
- The online course is expected to take 15-30 hours for successful completion. Important to share required discussions!

Remember: Advertise as a *PSA Grower Training Course*!

There are other food safety training courses available (e.g., GAPs) and it is important for participants to know what course they are taking.





Reminders for PSA Trainers Hosting PSA GTs

- Pre-recorded presentations are not allowed
 - Have received notice that at least one PSA Grower Training Course contained pre-recorded presentations
- Do not reuse PSA GT Course Evaluations
 - This includes paper evaluations (in-person courses) and Qualtrics URLs (remote courses)
- Make sure trainer names are correct when registering courses with AFDO
 - This is especially important when PSA Trainer/Lead Trainer names change between registering and teaching the course
 - You can change instructors, you just need to record final trainers





AFDO/PSA Certificate of

Completion Cost

- Cost of AFDO/PSA Certificates of Course Completion are offered at a tiered price structure
 - Certificates are \$35 for participants from high income countries

\$15 for participants from all other income countries (based on World Bank designation)

- Intent is to make certificate costs more equitable
- Responsibility of PSA Lead
 Trainer of each course to
 determine the correct cost

			DESCRIPTION	AMOUNT	
		PSA Grower Class ID:	XXXXXX		_
ants from high			0/each (high income countries) 0/each (low, lower-middle, or upper-middle	SXXXX_ SXXXX_	
			TOTAL DUI	\$_xxx_	
			k income designations for countries of each partici	•	
ner income		Floor, York PA 17401	ABLE IN US FUNDS TO: AFDO and mail to: 155 W	. Market St., 3"	\mathcal{N}
ı			ove information. Let us know you wish to send a wi ng with the attendee worksheet. A \$15 surcharge wi		\mathbb{I}
		Credit Card: Fill in below an to make payment over the p Card Number:	d email to <u>afdo@afdo.org</u> , fax 717-650-3650, or cal phone. Exp: CSC:	II 717-757-2888	
raining Location:	XXXXXXXX				
raining Date:	xxx	xxx			
xx Certificates @ \$35.00/ xx_Certificates @ \$15.00/ come countries)				\$ <u>xx</u> \$ <u>xx</u>	***
			TOTAL DUE	\$xx	x _
DERAL I.D. #74-605-1887				•	
sts follow <u>The World Bank</u> i	income desig	gnations for co	untries of each particip	oant.	
<u> </u>	_				

ASSOCIATION OF FOOD AND DRUG OFFICIALS Malling/Shipping address: 155 W. Market St., 3rd Floor, York, PA 17401 Phone (717) 757-2888 / Fax (717) 650-3650 Please refer to this course ID when making the payment. PSA Grower Certificate Order Form





Alternate Language Policy

- For those serving growers that need a PSA Grower Training Course in a language not currently available or for those with limited literacy
- Addresses language barriers by making the curriculum and training available to a wider audience
- Plan Ahead! Likely increases planning and organizational effort for trainers in order to deliver high quality training
- Policy can be found here at PSA Curriculum → Alternative Language Delivery policy
 - Policy includes requirements and additional recommendations
- Contact Donna Clements (<u>dmp274@cornell.edu</u>) if you are interested in training under this policy



PSA Policy Reminders

- Please make sure to register courses at least 2 weeks in advance!
 - This provides AFDO the necessary time to generate the registration paperwork and set up the course within the database.
 - Retroactive registration not accepted unless all paperwork can be presented including PSA evaluations, course documentation, and proof of PSA Lead Trainer/Trainer attendance, and subject to \$250 administrative fee.
 - If the training date changes, please be sure to contact AFDO to update your course registration – this impacts the course ID and evaluation!
- PSA Lead Trainer Responsibilities
 - Reminder: PSA Lead Trainers are responsible for ensuring that all paperwork is completed and returned to AFDO after the course concludes, regardless of other individuals or organizations assisting with the course.

IMPORTANT: Course evaluations and course agendas must include the trainer for each module indicated for use with processing evaluation data





FDA Updates

Important changes were made in FY2023:

- Ending of enforcement discretion
 - For harvest/postharvest agricultural water (enforcement began for some farms in 2023)
 - For COVID-era qualified end user documentation (records must be kept starting 2024)
- Passage of a new FSMA rule (Traceability)
- Inflation adjustment of cut-off values

Changes are reflected in PSA products, highlighted in slides about Trainer Resources and General Resources





A Note about Traceability

The Traceability Rule is also known as FSMA 204

- This is because Traceability is its own rule under FSMA; it is not part of the Produce Safety Rule
- The scope of the PSA Grower Training Course covers the Produce Safety Rule
 - Some content is in the course (e.g., OSHA rules, EPA rules, other FDA rules) as relevant to covered farms
 - Those other rules have their own training courses
- PSA continues to talk with FDA to understand any role in Traceability education and outreach for farms
 - Compliance date for all covered operations is in 2026
 - Some of FSMA 204 likely to be in Module 7 PSA GT v2





A Note about Cut-Off Values

Inflation adjustments apply to:

- The \$25,000 produce sales threshold, also known as the de minimus exclusion
 - \$30,509 3-year average for 2020-2022
- The \$500,000 total food sales threshold for qualified exemption eligibility
 - \$610,182 3-year average for 2020-2022

Stay tuned; these are updated annually in March/April

Business size class cut-offs are NOT inflation adjusted





FDA Updates (continued)

Other important progress remains to be accomplished

- Final Rule for preharvest/production agricultural water
 - FDA states final revised rule language may publish in 2024
- Anticipated proposed rules to modify specific requirements (from a published list of upcoming Federal legislation)
 - Revision of the regulatory definition of farm
 - Changes to written notifications for kill step exemption
 - Updates to the Rarely Consumed Raw list
- Filling the 'reserved' requirement in Subpart F related to time to harvest after untreated BSAAO
 - No process or timeline yet provided in FDA communications





Important Trainer Resources

PowerPoint Access

Bookmark this URL!

• Download at:

https://cals.cornell.edu/produce-safetyalliance/grower-training-powerpointmodules

Check Updates on the Trainer Update Page

 https://cals.cornell.edu/produce-safetyalliance/training/psa-trainer-updates

Updated Trainer set-up guides and checklists

- New checklist for hosting remote GT Course
- https://cals.cornell.edu/produce-safety-alliance/training/trainer-resources

 Produce Safety

Produce Safety Alliance Grower Training Checklist: Remote Delivery Courses

The PSA Lead Trainer(s) listed on the course registration will be accountable for ensuring all PSA policies are followed and the steps outlined below are completed.

PSA reserves the right to suspend or revoke PSA Lead Trainer status if the following policies and protocols are not followed.

This document has been developed as a quick checklist as you prepare to host a Remote PSA Grower Training Course. For additional details of setting up a training, see the "PSA Grower Training Guide to Setting Up Courses".

1. Plan Your Training Logistics

- ☐ Training Dates(s): _____
- ☐ Training Platform (Zoom, Web-X, Microsoft Teams etc.):
- ☐ Training Cost:
- □ Trainer(s):
- □ Length of Training and Agenda:
 - ☐ Start Time: _____
- ☐ End Time: ______
 ☐ Host and participant access to
 - □ Reliable internet
 - Functional computer, tablet, phone, or any other audio and video supporting device
 - PSA Grower Training manual

Note - If the demographic you are targeting has limited access to broadband, video and audio supporting devices, an in-person grower training is the best option. For more information see: <u>Technology requirements for an optimal experience</u>

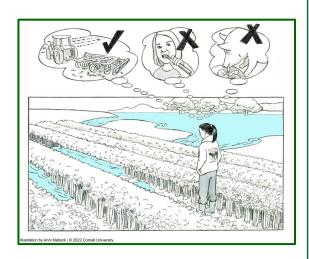
2. Visit the AFDO Website to Register a PSA Grower Training Course

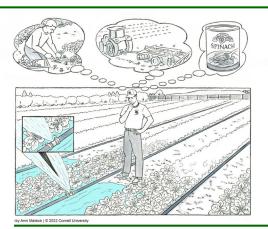
- Fill out the PSA Grower Training Course Registration Form at least 2-3 weeks in advance
- Submit registration form and receive approval from AFDO to host the course, along with required course documentation



New Trainer Resources: 'More than Words' illustrations

- Twenty-one illustrations
- New illustrations include:
 - Dropped covered produce
 - Flooding vs. in-field pooling
 - Microbial niches
- Teaching notes will be translated into Spanish







New Trainer Resources

- English Train-the-Trainer Manual V3.0 -Interactive PDF
 - https://cals.cornell.edu/produce-safetyalliance/psa-curriculum/english-traintrainer-manual-v30-interactive-pdf
- Manual was updated to be a more comprehensive resource
 - Reflects new PSA policies (e.g. remote delivery policy)
 - Includes supplemental slides (Subpart E, Traceability)



or must be provided simultaneous translation so they can monitor the delivery of course content by PSA Trainers on their team. Proper planning must be done, including all PSA and AFDO policies and cols, to ensure all participants in a PSA Grower Training Course have a high quality exp whether the training is in-person or remote delivery.

Modifications to PSA Course Materials and Course Deliver

range of commodities grown, farm sizes, regional climates, and market venues. The PSA GT Curriculun has been designed as a standardized course and is intended to provide a consistent foundation of produce safety and FSMA Produce Safety Rule information. The course materials have been vetted nd reviewed by subject matter experts. FDA Division of Produce Safety staff, university educators egulatory officials, produce growers, and produce industry members from all over the country, result, the text and content have been scrupulously selected and edited. For this reason, the text content of the slides and notes in the curriculum modules cannot be changed.

Items that can be modified within the educational materials include the following

- Photos in the PowerPoint slides may be changed to better represent a particular region, commodity
- Addition of supplemental content if the information is not presented on the PSA PowerPoli
 background. This denotes the content is not part of the standardized curriculum.
- Order of slides may be rearranged. Trainers must recognize that if the PowerPoint order is changed, the slides will not match the printed manuals and course participants should be notified of this

- PSA Grower Training Course Delivery
 The following are approved modifications and limitations of the PSA GT Course delivery
- Multi-day Training Options: The PSA GT Course agenda may be modified to accommod multi-day program, or a change in start or end times for the training day, provided that all seve curriculum modules are presented. Trainers are responsible for keeping track of attendance if Curriculum Modules will not be eligible to receive a certificate.
- Alternative Language Delivery Policy: All PSA GT Courses must be delivered in a language that is easily understood by participants and trainers must provide an approved and printed PSA GT is easily unlessood by participants and trainers indus provide an approved and printed road or manual. There may be situations where the available and approved PSA GT manual does not mee the needs of all course participants because some may not speak or read one of the languages in which the curriculum is currently available. A policy has been developed which outlines scenarios language-delivery-policy. Contact the Produce Safety Alliance (psatrainers@cornell.edu) f



New Trainer Resources: Supplemental Slides

- Final FSMA Traceability Rule
- Enforcement Discretion for Qualified Exemption after COVID-19
 - Updated to include expiration of the temporary enforcement discretion policy
- Proposed Subpart E requirements
 - Released in late 2022, but important to highlight again!
- All Available in English and Spanish











Produce Safety Educators' Groups: English and Spanish

- Open to the public; do not have to be a PSA Trainer to participate
- Available in English and Spanish
 - Occasionally topics overlap,
 but not always
- Recordings available on PSA websites
- Always interested in your ideas for topics and presenters!

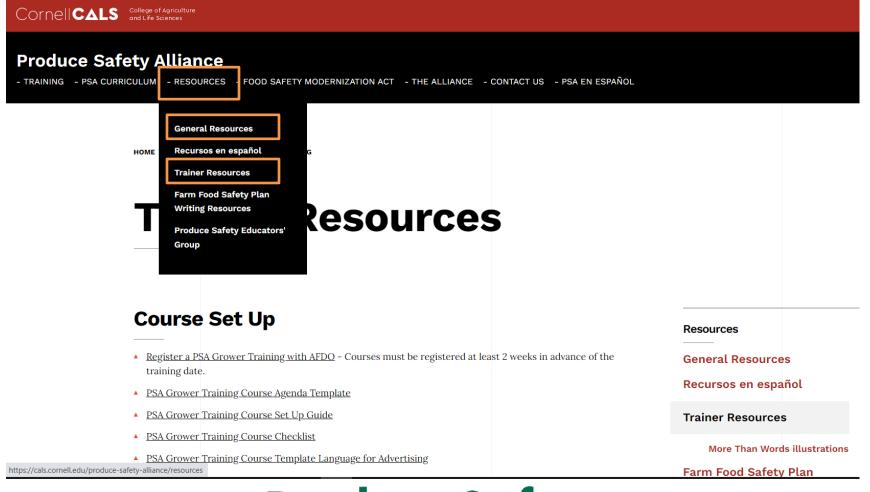
Preduce Safety



Grupo de educadores de inocuidad de los productos agrícolas frescos en español



New Resources





General Resources

- Fruit and Vegetable Food Safety Training Video – for Field Employees
 - Integrates FSMA PSR requirements and additional recommendations
 - Available in English,
 Spanish, Haitian Creole,
 Hmong, and (soon)
 Chinese









General Resources – Subpart E

Preduce Safety

FSMA Produce Safety Rule: Agricultural Water System Inspection is Different from the Proposed Agricultural Water Assessment

Don Stoeckel, Donna Clements, Thais Ramos, Tommy Saunders, Mariana Villarreal, Elizabeth A. Bihn

This fact sheet provides information about the differences between an Agricultural Water System Inspection (§ 112.42) and the proposed Agricultural Water Assessment (AgWA) from the Food Safety Modernization Act (FSMA) Produce Safety Rule (PSR). This information is based on the current FSMA PSR requirements for agricultural water1 as well as proposed revisions to the current requirements that were published in 20212.

Subpart E of the FSMA PSR for fruit and vegetables producers can be grouped into requirements related to:

- · Growing covered produce other than sprouts (production/ pre-harvest water)
- Harvesting and packing covered produce other than sprouts (harvest/ postharvest water)

Differences between FSMA PSR Requirements for Agricultural Water System Inspection and Agricultural Water Assessment

The Agricultural Water System Inspection is a requirement in the FSMA PSR1, with enforcement dates phased in (according to business size class) beginning in January 26, 2023 for harvest/ postharvest water. This requirement will eventually include all agricultural water systems at covered farms, including those used for production/ pre-harvest and harvest/ postharvest agricultural water, but currently only apply to harvest/ postharvest water until the final production/pre-harvest standards are published. The requirement covers agricultural water systems to the extent that they are under the farm's control, but requires consideration of off-site influences that could introduce human pathogens to water and the use of practices that reduce The table on the following page provides a more detailed

The inspection must be done at least once per year, to identify conditions that may introduce hazards (e.g., human pathogens) to covered produce or food-contact surfaces through water. Observations made during the inspection are used to guide the implementation of practices such as system repairs, maintenance, or other actions that reduce the identified risks. The findings of the inspection must be documented in the farm's record. The PSA Records Required by the FSMA Produce Safety Rule fact sheet³ provides a template to aid in recordkeeping.

The Agricultural Water Assessment (AgWA) is a proposed requirement2, subject to change until it is finalized. This requirement would be in addition to the Agricultural Water System Inspection. The AgWA is specific to production/ pre-harvest agricultural water that is used to grow covered produce. The AgWA is proposed to be completed at least once per year, to identify conditions that may result in contamination of the water source or otherwise increase the likelihood of human pathogens being in the water. In contrast to the Agricultural Water System Inspection which focuses on the physical agricultural water system, the AgWA requires consideration of crops being grown, weather impacts, adjacent land uses, and other things that can influence risks to fruits and vegetables being produced. Observations made during the AgWA enable a farm to reduce risks by determining what uses are appropriate for the water source, including application of measures that may be necessary to reduce produce safety risks. The findings of the AgWA, and any corrective measures or mitigation measures applied as an outcome of the assessment, must be documented in the farm's record.

comparison of the two requirements.

Agricultural water system means a source of agricultural water, the water distribution system, any building or structure that is part of the water distribution system (such as a well house, pump station, or shed), and any equipment used for application of agricultural water to covered produce during growing, harvesting, packing, or holding activities2.

© 2023 • Produce Safety Alliance • producesafetyalliance.cornell.edu

FSMA PSR: Agricultural Water System Inspection is Different from the Proposed Agricultural Water Assessment

Characteristic	Agricultural Water System Inspection	Agricultural Water Assessment (proposed)		
Regulatory requirement	FSMA Produce Safety Rule 21 Code of Federal Regulations (CFR) 112.42	Proposed revision to 21 CFR Subpart E		
Compliance date	Started January 26, 2022 Initially under enforcement discretion Phased in by business size class	Proposed to begin 9 months after the effective date of the final revised 21 CFR Subpart • Phased in by business size class		
Scope of requirement	For all agricultural water systems on covered farms, to the extent under the farm's control. Applies to water used during growing, harvest, and postharvest activities	Applies to agricultural water used during growing activities (production/ pre-harvest water) on covered farms		
Frequency	FSMA PSR § 112.42: "At the beginning of a growing season, as appropriate, but at least once annually"	Proposed \$ 112.43: "Based in part on the results of any inspections and maintenance you conducted under \$ 112.42, at least once annually you must prepare a written agricultural water assessment for water that you apply to covered produce (other than sprouts) using a direct application method during growing activities."		
Evaluation parameters	Abridged quote from FSMA PSR § 112.42: "lenntly conditions that are reasonably likely to introduce known or reasonably foresceable hazards into or onto covered produce, frod contact surfaces in light of your covered produce, practices, and conditions, including consideration of the following: 1) The nature of each agricultural water source (for example, ground water or surface water); (2) The extent of your control over each agricultural water source; (4) Use of adjacent and nearly land, and (5) The likelihood of introduction of known or reasonably foresceable hazards to agricultural water by nother user of agricultural water bource afair."	Paraphrased from proposed 5 13.2 43(a): * Water system hausteristics: mostly information carried over from the Agricultural Water System inspection **Water System inspection **Agricultural water practices: how the water is used **Crop characteristics: such as those related to adhesion or internalization **Environmental conditions: including potential for water source contamination relat to runoff **Other factors: including testing results		
Outcome	Maintain water sources and distribution systems to reduce the potential for pathogens in the water. Paraphrased from <u>proposed</u> 5 112.43(c): Determine whether either of the following is reasonably nec of the AgWk. (a) discontinuation of on thigation measures Record the determination *Take necessary and appropriate action			
Documentation required	FSMA PR\$ \$112.SQ(b)(1): "You must establish and keep the following records: The findings of the inspection of your agricultural water system in accordance with the requirements of \$112.42(a)?"	Abridged quote from proposed \$112.50(b)(2): "Your written agricultural water assessments, including descriptions of factors evaluated and written determinations" Abridged quote from proposed \$112.50(b)(7): "Documentation of actions you take in accordance with \$112.45" (e.g., discontinuation of use pending corrective measures, implementation of mitigation measures)		



General Resources – Subpart E

FSMA PSR: Documentation Requirements for Water **Laboratory Analysis Results**

Preduce Safety

FSMA Produce Safety Rule: Documentation Requirements for Water Laboratory Analysis Results

Don Stoeckel, Laura Acuña-Maldonado, Davis Blasini, Collings Bugingo, Donna Clements, Laurie George, Thais Ramos, Thomas Saunders, Rob Way, Elizabeth A. Bihn September 2023

The Food Safety Modernization Act (FSMA) Produce Safety Rule (PSR)1 includes requirements for water quality intended to reduce the number of foodborne illness outbreaks associated with fruits and vegetables. The requirements are qualitative (i.e., § 112.41 requires that all agricultural water must be "safe and of adequate sanitary quality for its intended use") and quantitative, requiring laboratory analysis (e.g., § 112.44(a)(2-4) require that agricultural water that directly contacts covered produce during or after harvest or food-contact surfaces, or is used for hand washing, must have "no detectable generic Escherichia coli (E. coli)" in 100 mL). The results of all analytical tests done on agricultural water for compliance with the FSMA PSR must be documented and kept in the farm record (§ 112.50(b)(2)).

Information provided in this fact sheet is focused on documentation and testing requirements in the FSMA PSR for agricultural water used in covered activities during and after harvest. Although these requirements are not expected to change with the upcoming revised Produce Safety Rule requirements in subpart E2. provision numbers or specific language may change.

Specific testing requirements for production/pre-harvest water are not addressed in this fact sheet because they are not yet finalized in the ESMA PSR. Currently, EDA advises2 that farms continue to follow Good Agricultural Practices3, including testing for generic E. coli, so we have included information about testing non-potable water such as surface water sources.

What is required of growers and packers submitting water samples to laboratories for analysis? The covered farm operator is responsible for knowing

that the sample is collected, delivered, and analyzed according to PSR requirements and laboratory specifications. A typical Standard Operating Procedure for sample collection and delivery is available from the National Good Agricultural Practices Program4. Many water microbiology analysis methods, including US Environmental Protection Agency (EPA) Method 1603, incorporate requirements in Standard Methods for the Examination of Water and Wastewater sections 9060 A (Sampling) and 9060 B (Preservation and Storage)5.

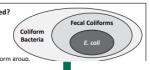
Several important general requirements are listed on the

Expert Tip: How are the fecal indicator bacteria related?

- Coliform bacteria are found in the environment, soil, and intestines of warm-blooded animals
- · Fecal coliforms are a type of coliform and are more likely to be associated with human or animal feces.
- E. coli is one species of bacteria that is part of the fecal coliform group.

© 2023 • Produce Safety A

 Generic E. coli is considered to be the most usef Generic E. coll is considered to be the most usef from humans or warm-blooded animals. Fecal or recreational water, used for symmingle, Colliform be no coliform be no coliform because of the colliform because of the colli



lequired records about water quality analysis, along with other elements that are necessary for all records required by the PSR in Subpart O, are color-coded red in the model record below. These requirements are labeled with associated PSR provision numbers in boxes for reference Other elements that often appear in a laboratory report are written in black font. **Model Laboratory Name** Laboratory Address Sample Information: Telephone contact information Date received (by lab) Internet contact information ■ ID assigned at intake (by lab) Laboratory certification or accreditation^A ■ Sample date and time (by customer) Analysis start date and time (by lab) Farm location Results read date and time (by lab) Customer name Report date (by lab) Customer ID § 112.161(a)(1)(i) § 112.161(a)(1)(v) **Analysis Information** Sampled by: Name from submission sheet Matrix: Water type (ground, surface) Lab ID: (From laboratory) Dilution: (if any) Water source ID: (From customer) Result: Analytical result Parameter: Generic Escherichia coli (E. coli)8 Calculated result: (if any dilution) Analysis Method: Method used by lab^c Units: CFU/100 mL or MPN/100 mL § 112.50(b)(2), § 112.161(a)(1)(ii) § 112.448, § 112.50(b)(9)°, § 112.151° Reviewed for farm record: Supervisor signature Date: Date § 112.161(b)



General Resources – Products in Progress

- Update of the Required Records document
 - Focus on supporting documentation requirements for harvest/postharvest agricultural water
- Decision tree for conducting an ag water systems inspection
- Resources related to Subpart E Postharvest Water
 - List of resources to help farms and regulators prepare for inspections

Resources Related to Food Safety Modernization Act (FSMA) Produce Safety Rule (PSR) Requirements for Agricultural Water Used During Harvest and Postharvest (21 CFR 112 Subpart E)

The Produce Safety Alliance (PSA) compiled the following list of resources to support farms and regulatory authorities as they prepare for inspections covering the requirements of the FSMA Produce Safety Rule Subpart E, related to agricultural water used during harvest and postharvest. This list does not include requirements for pre-harvest water, or those that are outside of Subpart E.

This list is not comprehensive. Resources in this list highlight data, science, or best practices that assist with FSMA Produce Safety Rule compliance. Additional resources are available in many of the topic areas.

General information about regulatory requirements, compliance, and enforcement

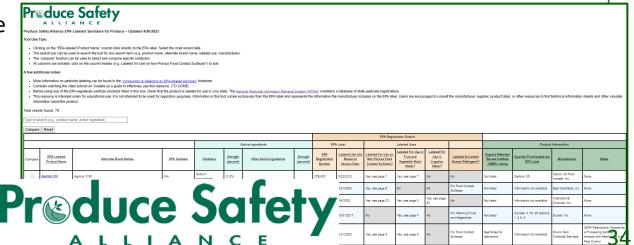
- U.S. Food and Drug Administration 2015. Standards for the Growing, Harvesting, Packing, and Holding of Produce for Human Consumption. (Final Rule).
 - Includes codified language and explai





General Resources – Products in Progress

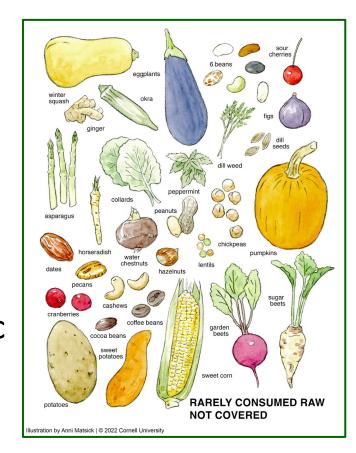
- Update of the Required Records document
 - Focus on supporting documentation requirements for harvest/postharvest agricultural water
- Decision tree for conducting an ag water systems inspection
- Resources related to Subpart E Postharvest Water
 - List of resources to help farms and regulators prepare for inspections
- PSA EPA-labeled Sanitizers web tool and tutorial
 - The Excel resource has been adapted into a web tool
 - Currently incorporating focus group feedback





Feedback Break

- Are there any additional resources that would help you during trainings? (chat)
- Do you need any additional resources to increase your knowledge base in any specific area? (chat)





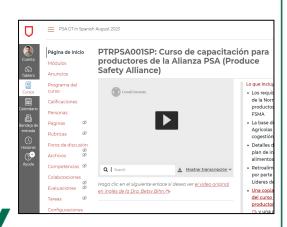


PSA Spanish-language Efforts

- Hosting domestic PSA GTs and TTTs in Spanish
 - Interested in collaboration to support participant recruitment and funding for manuals/certificates
 - PSA Team can be PSA Trainers this requires coordinated collaboration, shared goals, and clear expectations
- Launch Online GT in Spanish in August
- Educators' call in Spanish









PSA Spanish-language Efforts

- Ensuring all PSA materials are available in Spanish
 - All resources published by the PSA
 - Traceability rule, subpart E changes, slides, etc.
 - Translation of FSMA PSR Preamble to Spanish
- A new podcast series in Spanish (next month)
- Roundtable at IAFP 2023 about "Produce Safety Education Efforts Targeting Spanish-Speaking Communities in the United States"











PSA Spanish-language International Updates

- Since 2022, the PSA has international training responsibilities
- Hosting international PSA GTs and TTTs
 - 3 GTs for Mayan communities in 2022
 - 14 international GTs for Onions Papaya, Berries, Mangoes, and Melons
 Growers throughout Mexico in 2023; 1 TTT for Mexican trainers in 2023
- Emphasis on capacity building by developing and mentoring PSA trainers
- New international objectives this year in the Caribbean, Central, and South America













PSA On the Horizon

- Appreciate all the updates from the PSA Team
- We are always working on new things, anticipating needs, and adjusting policy based on results
 - ToT application process is likely changing
 - Stretchy back pocket teaming with new materials
 - Preparing for final Subpart E
- Many questions were submitted asking about PSA GT Curriculum updates
 - Expected timeline for FDA to release Subpart E?
 - When will the updated curriculum be available? Plan for release?
 Preduce Safety



Plan for PSA GT Curriculum Updates

- Updates to the PSA GT Curriculum will not begin until Subpart E is finalized (pre-harvest agricultural water)
 - Updates will be substantial, impacting every module; PSA GT Version 2.0
- PSA Trainers/Lead Trainers/ToTs must attend an update training
- An update training for previous
 PSA GT participants will be developed
 - Plan to offer online, remote, and in-person
 - PSA Trainers will be able to deliver it to growers/audiences
 - Expect growers will need substantial support to understand and implement Agricultural Water requirements







PSA Funding Timeline

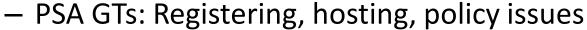
- Currently, PSA only has funding until June 30, 2024
- Current state of government means it is a real possibility that the PSA could shut down, permanently
- FDA has said there will be a new cooperative agreement
 - But funding is at ~25% of what we need, so this is not PSA
- With the PSR changing, we believe there is a need for PSA
 - List goes beyond just the PSR changing, but hopefully you get the idea
- We welcome and appreciate people reaching out to their congress people and FDA if you believe our funding is needed
 - We have a fact sheet if you would like to see it with our budget needs





Feedback Break #2

- Do you have any questions...
 about anything? (chat)
- Are there things we can do to support you? (chat)



- Professional development topics
- Networking opportunities
- Other









Thank you!



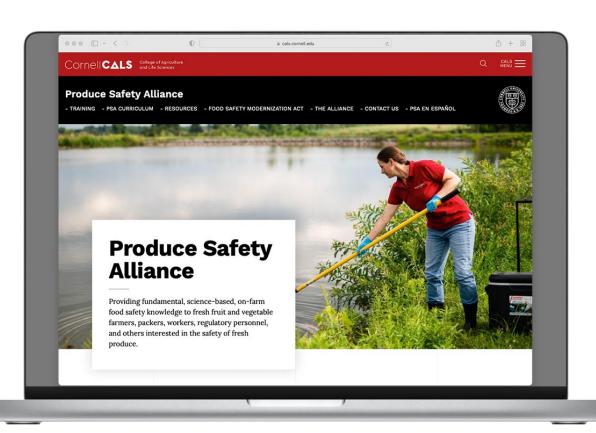
- For your time today and everyday
 - For engaging with the PSA
 - Striving to improve trainings and educational experiences
 - Supporting growers in novel and creative ways
- Always interested in your feedback!
 - Your input changes policies and PSA Team actions!
 - Keep it coming! We only get better through honest dialogue
- Hopeful we will be here after June!
 - But if not, we will still be thankful for you, your efforts, and many good things that were accomplished!





The PSA Website

English: producesafetyalliance.cornell.edu Spanish: es.producesafetyalliance.cornell.edu







The PSA Website

English: producesafetyalliance.cornell.edu Spanish: es.producesafetyalliance.cornell.edu



