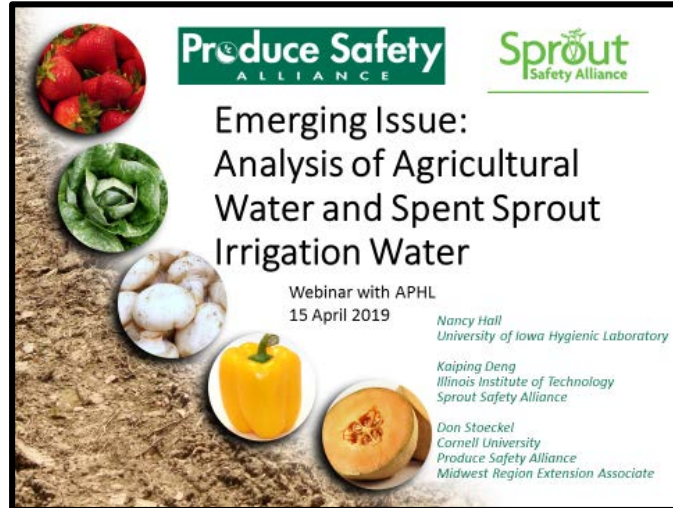


## Resources from Webinar



### **Sprouts**

Kaiping Deng, [Sprout Safety Alliance](#)  
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### **Covered produce other than sprouts**

Don Stoeckel, [Produce Safety Alliance](#)  
dstoeckel@cornell.edu  
The [PSA team members](#)

### **General information**

- Electronic Code of Federal Regulations [Produce Safety Rule](#)
- PSA, SSA, and MSU article in APHL *Bridges* publication *Agricultural Water Testing and the FSMA Produce Safety Rule* (Summer 2018, page 5 [link here](#))
- PSA article in *Comprehensive Reviews in Food Science and Food Safety* journal *Meeting Report: Key Outcomes from a Collaborative Summit on Agricultural Water Standards for Fresh Produce* (02/2019 [link here](#))

### **Slide 23: Testing Methods**

FDA reference methods for testing *E. coli* O157:H7 and *Salmonella* in spent sprout irrigation water or sprouts [link here](#)  
Draft Sprout Guidance [link here](#)

### **Slide 26 and 27: Equivalent Testing Methods**

Equivalent methods for testing *E. coli* O157:H7 and *Salmonella* in spent sprout irrigation water or sprouts [link here](#)

**Slide 35: SSA TAN**

Sprout Safety Alliance Technical Assistance Network [link here](#)

**Slide 39: Labs are one source of information**

Other sources of information for farms:

- FDA FSMA Technical Assistance Network (regulatory TAN) (04/2017 [link here](#))
- FDA Produce Safety Network (not dated [link here](#))
- FDA State Produce Implementation Cooperative Agreement Program (CAP) (09/2017 [link here](#))
- North Central Region Center for FSMA Training, Extension, and Technical Assistance ([link here](#))
- Northeast Center to Advance Food Safety ([link here](#))
- Western Regional Center to Enhance Food Safety ([link here](#))
- Southern Center for Training, Education, Extension, Outreach, and Technical Assistance to Enhance Produce Safety ([link here](#))
- Native Food Safety *Food Safety Training for Indian Country* (launched 2018 [link here](#))
- University of Arkansas *Indigenous Food and Agriculture Initiative* (2018 [link here](#))
- Local Food Safety Collaborative (2017 [link here](#))
- National Farmers Union ([link here](#))
- National Young Farmers Coalition ([link here](#))
- JIFSAN *Produce International Partnership for Education and Outreach (PIP)* (2018 [link here](#))

**Slide 40: Compliance Timeframe**

Compliance date extension

- FDA Stakeholder Update *FDA Considering Simplifying Agricultural Water Standards* (03/2017 [link here](#))
- FDA Final Rule *Standards for the Growing, Harvesting, Packing, and Holding of Produce for Human Consumption; Extension of Compliance Dates for Subpart E* (03/18/19 [link here](#))
  - See in particular additional guidance provided in response to Comment 6, Comment 9 at the end of the rulemaking document.

**Slide 46: Other information about production water criteria**

MWQP calculations

- Western Center for Food Safety *Tools to calculate Geometric Mean and Statistical Threshold Value* (UC Davis and University of Arizona [link here](#))
  - Western Center for Food Safety at UC Davis calculator for MWQP calculations (surface water [link here](#), ground water [link here](#))
  - University of Arizona calculator for MWQP calculations (App [link here](#), online calculator [link here](#))
- FDA Question and Answer Sheet *FSMA Final Rule for Produce Safety: How Did FDA Establish Requirements for Water Quality and Testing of Irrigation Water?* (November 2015; [link here](#))
- PSA Fact Sheet *Geometric Means, Statistical Threshold Values, and Microbial Die-Off Rates (longhand calculations)* (02/17/2017 [link here](#))

**Slide 47: Test methods**

## Equivalent methods

- FDA Fact Sheet *Equivalent Testing Methodologies for Agricultural Water* (9/11/17; updated 7/3/2018 [link here](#))
- PSA Fact Sheet *The Water Analysis Method Requirement in the FSMA Produce Safety Rule* (Updated 04/2019 [link here](#))

## **Slide 55: Lab mapping effort**

- MSU and PSA Standard Operating Procedure *Creating a Database of Water Quality Testing Labs* (07/2018 [link here](#))

## *Existing Maps (list may not be complete; provided with organization and point of contact)*

- Northeastern consolidated [lab map](#), POC Hannah Doyle, Chris Callahan, Elizabeth Newbold
- Michigan State University Extension [fact sheet](#) including embedded lab map POC Phil Tocco, Marissa Schuh, Ben Phillips
- University of Wisconsin and DATCP [lab map](#) POC UWEx Kristin Krokowski
- University of Minnesota [lab map](#) POC UMN Annalisa Hultberg
- Iowa State University [lab map](#), [lab list](#) POC Joe Hannan
- Missouri by K-State [lab map](#), POC K-State Josh Maher
- Kansas State University [lab map](#), POC K-State Josh Maher
- Kentucky [lab map](#) POC Paul Priyesh Vijayakumar or Badrinanth Jagannathon click Features button to turn off non-water labels for easier viewing
- Virginia Department of Agriculture and Consumer Services [lab map](#) and [lab list](#) POC Erik Bungo
- North Carolina State University [fact sheet](#) and [lab list](#)
- Washington State University [fact sheet](#) and [lab map](#) POC Faith Critzer
- Colorado [fact sheet](#) and [laboratory selection guidance](#), [lab map](#) POC Martha Sullins
- Hawaii [list of laboratories](#) no map