How To Join Audio

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*You must enter your attendee ID # when you call into the teleconference to ‘raise your hand’, be unmuted, and participate in the discussion.

You will either see a small telephone icon or headset icon next to your name if you are connected to the audio. If not, then you cannot be unmuted.
Produce Safety Educators
Monthly Meeting #15
February 23, 2015
2PM EDT
Instructions

• All participants are muted.
• There will be time for questions and answers throughout the meeting. Only those connected online will be able to participate.
  – To ask a question or make a comment, please ‘raise your hand’ using the small button on the right hand panel
  – We may not get around to all comments/questions, BUT you may leave additional comments in the comment box to be compiled after the session
• This session will be recorded and notes will be shared via the listserve after the call.
Agenda

• Welcome!

• Produce Safety Alliance Update
  – Completing the Curriculum Development Process
  – Pilot trainings (Trainer and Grower)
  – Process to become a certified trainer

• Other items
Curriculum Development Process

- 10 WCs, 72 calls
- 178 Unique WC Members
- 549 Total WC Members

- 8 Nationwide grower focus groups

Identify GAPs Challenges
Complete: May 2012

Set Goals
Complete: June 2012

Develop Learning Objectives
Complete: Dec 2012

Create Content
Complete: Nov 2014

Ready for Pilot!
PSA Train-the-Trainer Pilot

- Pilot Train-the-Trainer: Geneva, NY
  - December 17 & 18, 2014
  - Attended by 38 individuals from academia, government, produce industry, and produce growers
  - States Participating: NY (9), CA (5), OH (3), FL (2), MT (2), NC (2), MI, NE, WA, NJ, MS, NH, CO, NM, Canada
  - NRCS (1), AFDO (1), USDA (2), FDA (2)
  - **Day 1**: In depth review of modules and discussion about content…this continued into Day 2
  - **Day 2**: Presentations from collaborators (USDA, NRCS, FDA), discussion on trainer certification
PSA Train-the-Trainer Pilot

• Summary of Key CURRICULUM Outcomes
  – Concern about amount of content and ability to deliver to growers in allocated time
    • Modified slides and made several optional
  – Coverage of regulation vs. best practices
    • Better define regulatory requirements vs. best practices
    • Discussion about pre-requisite knowledge of FSMA for trainers before attending TTT
  – Content is simple, but intent is to provide a baseline of knowledge with future plans of continuing ed. modules
  – Amount of teaching notes were sufficient
PSA Train-the-Trainer Pilot

• Delivery and Resources for Best Outcomes
  – Discussion of how to develop multi-day training programs to incorporate food safety plan writing (WC recommendations, growers often need plans for audits, long-term NY study)
    • 14 YES Multi-day training, 6 NO
  – Majority indicated they plan to train as a team
    • 19 – Team, 5 – Solo, 2 – Other
    • 19 were confident they had qualified people to form teams
  – Will need resources to help growers with water testing, math calculations and post-harvest water management
PSA Train-the-Trainer Pilot

• Summary of Key TRAIN-THE-TRAINER Outcomes
  – Adult education is an important component to cover in the training, but trainers should have some prior experience
    • MUST have FSMA knowledge coming into training
  – Short presentations from NRCS, USDA, FDA are important, but a list of resources available is even more critical
  – Length of training is good (see first bullet for base knowledge)
  – Trainer application process as proposed is too rigorous
    • Currently revising application, competency areas, and process for certification and formation of training teams
Core Trainer Competencies

1. **Produce Safety Scientific Knowledge**
   - Basic understanding of bacteria, viruses, parasites associated with produce

2. **Fruit & Vegetable Production Knowledge**
   - Understand produce safety risks on fruit and vegetable farms and in packinghouses

3. **Effective Training Delivery**
   - Ability to present technical scientific information and regulatory language to growers and other key stakeholders
Trainer Certification Process: Revisited

• The PSA has considered many certification options
  – Working committees 7, 8, 9, and 10 provided key reasons and recommendations for certifying trainers
  – Held meeting to discuss trainer qualifications and certification June 2013 at CPS in Rochester, NY
    • Need enough trainers BUT need them to be competent in key areas (next slide)
  – Proposed several types of certification processes to Executive committee:
    • Pre-screening trainers prior to allowing them attend training
    • Post-training testing
    • Mentor Process
    • Interview Process

Current Option
Submit Application to Attend TTT (No one will be turned away)

Attend PSA Full 2 Day TTT Course

Contact PSA to Set Up Interview for Trainer Certification

- Application reviewed by PSA Interview Panel
- Date and time of interview scheduled

- Interview held by teleconference
- Committee of no less than 2 evaluates trainer by asking scenario questions designed to demonstrate knowledge in the competency areas

Interview committee will decide if trainer is qualified. If so, trainer will be provided a certificate to teach as a lead trainer. If not qualified, may request an additional evaluation and interview after 6 months have passed.

Certified trainers can form teams. Team members can deliver curriculum modules under the supervision of certified trainer (must be present), but do not have to participate in interview process.

Organize with AFDO to register a grower training
Key Evaluation Question

• Do you think the PSA Train-the-Trainer Program is ready for launch?
  – 17: Yes
  – 8: No

  • Minor edits needed as discussed
  • Need to clean up, redundant in places
  • Clean up slides, less words, more photos
  • Content will need to be updated when Produce Rule becomes final in October 2015
Certified trainer applies to host grower training through AFDO

AFDO will confirm their certification (or team’s certification), gather appropriate info, and notify PSA of courses occurring

Trainer orders educational materials, manages attendee registrations, appropriate co-trainers, venue, etc.

- Trainer delivers full PSA Grower Curriculum, in a minimum of 7 hours of instruction time
- Can be broken up into multiple days but must make certain each person who receives a certificate has attended the whole training

Trainer submits names and other information to AFDO to provide certificates to growers who successfully complete the course
- Trainer has growers (attendees) fill out evaluation of course
- Trainer submits evaluations to AFDO for review

Growers receive certificates from AFDO
AFDO’s Role

• Manage certificate process
• Host database of certified trainers and growers
• Assign course numbers and manage course registrations for grower trainings
  – Reviewing trainer information to ensure competencies are covered
  – Collecting fees for certificates and course registration
## TABLE 1
Summary of Course Fees per Student and Train-the-Trainer

<table>
<thead>
<tr>
<th>Course</th>
<th>Training Materials</th>
<th>AFDO Registration and Certificate</th>
<th>Totals per Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Train-the-Trainer Course</td>
<td>$50/set</td>
<td>$50</td>
<td>$100</td>
</tr>
<tr>
<td>Produce Safety Course</td>
<td>$50/set</td>
<td>$35</td>
<td>$85</td>
</tr>
<tr>
<td>Online Produce Safety Training</td>
<td>Internet Course TBD</td>
<td>TBD</td>
<td>TBD</td>
</tr>
</tbody>
</table>

Summary of Charges for Materials and Course Registration. All fees are payable in U.S. currency.
PSA Grower Pilot

• Hershey, PA – Mid-Atlantic Fruit & Vegetable Convention
  – January 26, 2015
  – Attended by 34 produce growers and 13 observers (Extension educators, FDA, USDA)
  – Covered all 7 modules including:
    • Introduction to Produce Safety
    • Worker Health, Hygiene, and Training
    • Soil Amendments
    • Wildlife, Domestic Animals, and Land Use
    • Agricultural Water
    • Postharvest Handling & Sanitation
    • How to Develop a Farm Food Safety Plan
PSA Grower Pilot - Demographics

**Occupation**
- Farm Manager, 27
- Farm Worker, 5
- Produce Industry, 5
- Other, 3

**Gender**
- Female, 8
- Male, 25

**Age**
- 15-25: 4
- 26-40: 14
- 41-55: 4
- 56-65: 10
- 66+: 2

*Food Safety Begins on the Farm*
PSA Grower Pilot - Demographics

**Highest Education**
- 8th grade: 11
- High School/GED: 12
- Associate's: 2
- Bachelor's: 7
- Master's: 3
- Doctorate: 0

**Number of Years Farming**
- 0-5: 10
- 6-10: 8
- 11-20: 5
- 21-30: 2
- 30+: 7

Food Safety Begins on the Farm
PSA Grower Pilot - Demographics

Number of Acres in Fruits & Vegetables

- 0-10: 9
- 11-25: 6
- 26-50: 6
- 51-100: 8
- 101-200: 1
- 201-300: 1
- 301-400: 1
- 401-500: 1
- 500+: 1

Produce Grown

- Berries, 15
- Tree fruit, 14
- Leafy greens, 11
- Vegetables, 24
- Sprouts, 1
Module Quality & Content

1=Poor

5=Excellent

1=Poor    5=Excellent

- Intro to Produce Safety
- Worker Health & Hygiene
- Soil Amendments
- Wildlife Domestic Animals & Land Use
- Agricultural Water
- PostHarvest Handling & Sanitation
- Farm Food Safety Plan
Level of Confidence in Managing Food Safety Risks

1=Not confident at all  5=Very confident

- Farm Commitment to Produce Safety
- Worker Training
- Soil Amendment Management
- Wildlife & Domestic Animals
- Land Use Management
- Production Water Management
- Post-harvest Handling & Sanitation
- Writing a FSP
GAPs Experience & Farm Food Safety Plans

Have you ever been to a GAPs training before today?
- Yes, 26
- No, 8

Do you have a written farm food safety plan?
- Yes, 14
- No, 19
Buyer Requirements

Have any of your buyers requested:

- A written FSP, 13
- A third-party audit, 14
- Other food safety requirement, 3
PSA Grower Training Pilot

• Main Take-Aways
  – Content was simple and easy to understand
  – Liked having handouts, BUT confused when slides presented were out of order on print versions
  – Most revision needed to Wildlife, Domestic Animals, and Land Use and Soil Amendment Modules
  – Growers liked the interactive discussion and time for questions
Module Delivery Times

- **Welcome**: 9 minutes
- **Introduction to Produce Safety (35 slides)**: 28 minutes
- **Worker Health, Hygiene, and Training (30 slides)**: 26 minutes
  - **Break**: 15 minutes
- **Soil Amendments (26 slides)**: 32 minutes
- **Wildlife, Domestic Animals, and Land Use (26 slides)**: 29 minutes
  - **Lunch**: 45 minutes
- **Agricultural Water (60 slides)**: 1 hour 30 minutes
  - **Break**: 15 minutes
- **Postharvest Handling & Sanitation (40 slides)**: 46 minutes
- **How to Develop a Farm Food Safety Plan (28 slides)**: 37 minutes
- **Wrap-up & Collection of Evaluations**: 10 minutes

**Total module delivery time**: 4.8 hours
**Breaks, lunch, other**: 1.5 hours
Other Items:

- **Survey opportunity for produce growers**
  - Goal: Better understand how FDA’s proposed rule on produce safety under the Food Safety Modernization Act will impact fruit & veg growers.
  - Participants have the opportunity to enter a drawing for a free Apple iPad after completing the survey.
  - Dr. Erik Lichtenberg by email at elichten@umd.edu or telephone at (301) 405-1279.
- **SURVEY LINK**: [http://www.arecdept.umd.edu/foodsafety](http://www.arecdept.umd.edu/foodsafety)
- **PASSWORD**: CORNELL
Next Meeting

• March 30, 2015 at 2PM EST
• Send in agenda topics to glw53@cornell.edu
• An audio recording and notes will be available after this meeting.
Contact Us

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