

Breakout Session 6/12/19

Professional Development Notes

1. In depth water discussion
 - a. Water scenarios
 - b. Science behind the numbers (what is the difference between 125 and 126 CFU)
 - c. Zoom is okay
2. State Meetings
 - a. Invite other people to a specific state and do some in depth problem solving with the lead
 - b. Watch them train and provide feedback
3. Diversity training: Culturally sensitive
4. How to speak to regulators
5. How to speak to the media (press releases, news, radio)
6. Connection between the environmental concerns and wildlife
7. On boarding process
 - a. Abbreviations
 - b. Who, what, and where to find things
 - c. Guide to this work
8. Conflict management (between educator and farmer)
9. Translation of 3rd party results to PSR: what are the differences
10. Biosecurity: what are the standards for other commodities for farm practices; how long between farm visits
11. Irrigation systems 101: What do wells, pumps, back flow units, fumigation units look like, how to determine there is a problem
12. Composting 101: all the many times and best practices
13. Role play scenarios: in person real life things
14. Adult education: how to use supplemental materials and be out on time and have time for questions
15. What parts of the PC Human Rule and PC Animal Rule apply to PSR growers (covered and not); key parts to other rules we should know about
16. Agricultural Tea: What are they made of, how are they used, etc.
17. Communication of regulations without making farmers freak out
18. Horticulture 101: Basics of what farmers go through a normal year
19. Produce Industry overview in the U.S.: Where is produce grown and how does it move; brokers; international, etc.
20. International produce industry overview: where is produce grown and how can they bring it into the country

Regulator Notes

- Consistency
 - Inspections
 - Education

- OFRRs – States participating in other state OFRRs
- ACTION ITEM: Mock inspections for all states to be held in Wisconsin the last two weeks of July or early September. This should include a classroom session with pictures and scenarios from Idaho and New Mexico.
- ACTION ITEM: Debriefing (message board hosted by MSU, conference calls) following OFRRs and inspections/logging specific scenarios in each state during inspection
- ACTION ITEM: Contact list of all regulators in the North Central Region
- ACTION ITEM: Contact other states if an OFRR is being conducted close to borders
- Idaho and New Mexico have resources already developed for OFRRs that were used in a classroom setting
- MOUs
- Program structures across states
- Partnerships
- Funding
- Information sharing
 - Farms in one state wanting to sell in other states
 - Understanding what other states are doing
- Farm sales and determining coverage by the PSR. Is there a window to apply?

Outreach Notes

- Are there populations that we have not reached?
 - Hmong
 - African (Burmese, Sudanese – especially in MI & NE)
 - Hectorites (ssp)
 - Young farmers/Beginning Farmers
- Comments: All groups have similar challenges.
 - Verbal, rather than a written language/history. Note: big difference from the Spanish culture.
 - Family dynamics are essential in communication.
 - 1st generation typically farms and speaks native language. Children provide translation. However, children may not be working on the farm.
 - Children born in the US may not be as fluent their native language. The message may be lost in translation.
 - In many cases there is no translation for the English word in their native language.
 - Relationships are key to working with these groups. Need to understand who in the community can assist in spreading the word.
 - Farm goals may be different. Not necessarily interested in growing farm to a larger operation.
 - Culturally, vegetables may always be cooked resulting in no understanding of the importance of food safety for raw produce.
 - Cultural sensitivity is key.

- Potential venues to reach under-served groups
- Farmers Market
- Master Gardeners
- Produce Auctions
- Food Hubs
- Add-ons
 - Hydroponics
 - Aquaponic
 - Permaculture
 - Flooding
 - Vermicompost
 - Clarification of how food hubs, aggregation centers, distribution & multiple farm sites fit into FSMA and covered definition
- Materials to target specific topics
 - Urban Farmers
 - Farmers of color
 - Community gardens
 - School Food Gardens
 - Migrant works
- Template letters that compost companies can provide to growers for treatment verification
- Target to farmers
 - Success stories with sick leave policies to encourage self-reporting
 - People management so no barriers to farm policy enforcement
- To buyers:
 - What they could/should require regarding the PSR
- Comment: Many resources may already be developed by extension and just need to be aligned with PSR. All materials should be uploaded to the Clearinghouse.
- Curriculum Development
 - Farm Sanitation Best Practices
 - PSR module for use in high school classroom – Future Farmers of America
 - *1st Peoples Pectoral PSA Grower Training Model to reach under-served groups.*
 - Additional examples of regionally specific stories that can be used for all PSA GT modules

Research Notes

- What is the risk of condensation on produce
- Bacterial die-off time in the Midwest subjected to weather
- Alternative water treatments
- Is vermicomposting BSAAO research needed?
- Which type of material harbors more micro organisms?

- Pathogen persistence in soil
- What are the risks of compost tea
- How does it change with composition of compost tea
- Easy way to test for compost tea on site
- How to better wash equipment
- Cost of washing equipment
- How to better integrate sustainability into food safety
- With use of sanitizers are we killing beneficial bacteria
- Produce drop research on surfaces not contaminated intentionally
- How long do microorganisms survive on produce after the drop
- Manure incorporated or unincorporated variability by soil type, climate, snow cover, etc.
- Can pathogen load be reduced by washing
- Hand sanitizer not allowed by we use cleaning and sanitizing for surfaces, explain
- Behavior change research
- Bio digester effluent
- What bad bacteria is on worker hands? Specific
- Dropped produce-risk from apple/tomato touching the ground
- What fresh produce commodities are prone to infiltration
- Microbial risk from flies? Landfills? Rain splash?
- Human perceptions and attitudes toward food safety
- Is sanitizer use creating super bugs