2023 FSOP National Project Director's Meeting

Food Safety by Design: Adding Value, Ensuring Safety of Food Products Produced by Small Processors

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USDA, Food Safety Outreach Competitive Grants Program













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Problem Statement / Issue Definition:

- □ Data suggests a burgeoning number of new small food businesses have started across the North Central region in the last decade.
- Particularly, home food businesses in Minnesota, Wisconsin, Kansas and Missouri have experienced considerable growth requiring comprehensive FSMA-based food safety education and training.
- □ The trends seen in each of these states are likely mirrored in all twelve states in the North Central region.



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Approach / Methods:

□ Food Safety by Design is providing small-scale food processors with education based on the FSMA principles and access to ongoing support that will set a foundation for business success

Outreach efforts:

- □ Through one-on-one office hours, web-based modules, seminars, workshops, print materials and video case studies disseminating key food safety concepts to achieve food safety
- Evaluation is embedded in project efforts and will ensure that project impacts can be effectively communicated.



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Results / Outcomes:

- □ The University of Wisconsin-Madison has provided food safety training to food entrepreneurs engaged in canning.
- 70 individuals attended training in the first year of the FSOP grant, and 30 completed an end of session evaluation.
 - Pre and post evaluation results indicated that 100% of program participants (n=30) increased their understanding of the science and practice of safe food processing as a result of the training.
 - Prior to training, 60% of respondents were 'not at all' or 'somewhat' confident in their ability to formulate safe food; after the training 100% were 'confident' or 'very confident' that they understood how to formulate safe food for manufacturing.













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Results / Outcomes:



Additional workshops in Wisconsin the first year of the FSOP grant have focused on food safety for value-added food production across other commodities:

□ The Sweet Taste of Success: Safe, Value-Added Maple Syrup Products (n=38) □ Best Practices for Value-Added Farm Market Vendors (n=35) □ Starting a Farm- or Home-Based Food Business in Wisconsin (n=78)

The audience for each of these programs was primarily Wisconsin-based food businesses, with some participation from individuals in Minnesota and Iowa.

















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Results / Outcomes:



□ Outreach: The Specialist averages 80 one-on-one contacts with food processors each month.

- Annual reporting for 2022 indicated a total of 961 contacts supporting the food industry, and another 220 contacts supporting food safety in the meat and poultry industry (responding to HACCP questions).
- □ For 2022, there were a total of 451 individuals trained through food safety programs offered by the Specialist, most of these focused on small food businesses.















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Results / Outcomes:

□The University of Missouri has provided food safety training and workshops to food entrepreneurs engaged in manufacturing value added food products

□ 101 individuals participated in food safety workshops, 26 attended the HACCP workshop and ~20 attended the acidified canned food training.

□ Pre and post evaluation results indicated that 100% of program participants increased their understanding of the science and practice of safe food processing as a result of the training and workshop.













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Results / Outcomes:



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□ Outreach: The Specialist averages ~15 one-on-one contacts with food processors each month.

- □ For 2022-23, a total of 146 individuals trained through food safety programs and most of these focused on small food businesses.
- □ The audience for each of these programs was primarily Missouri-based food businesses, with some participation from Kansas







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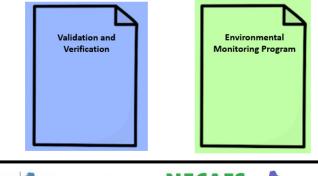
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Results / Outcomes:



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□ The University of Missouri is offering, applied food safety microbiology, environmental monitoring program, BPCS, acidified canned foods, HACCP, safe home canning trainings in 2023-24.

□ The University of Missouri is also focusing on developing extension factsheets on environmental monitoring, difference between validation & verification etc.









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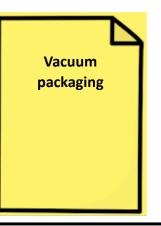
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Results / Outcomes:

❑ Outreach: The specialist averages a significant amount of one-on-one free food safety consultation besides issuing > 150 process authority letters in 2022-23.

□ The KSU is also involved in developing fact sheets on vacuum packaging and other topics related to food safety.







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Plans for 2023-2024:

- □ For 2023-24, we will focus on the development of a food safety network across the North Central region.
- □ We will also continue providing one-on-one food safety consulting services, food safety training in addition to disseminating information via print and video case studies highlighting the key food safety concepts based on the FSMA principles.
- □ These fact sheets and videos will be available at no cost to food processors across the United States through our extension website.





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Thank you!









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