



# Food Industry Pest Management Seminar 2018

Sept. 11, 2018 - Hilton Kansas City Airport

## AGENDA

7:55–8:00 a.m.	Announcements	Chris Mueller
8:00 - 8:30 a.m.	Pesticide Laws Affecting Food Industry Pest Management FSMA Labeling and GMP Regulations, National Organic Program, FIFRA - Pesticides, Clean Air, Water and Toxic Wastes, DOT Regulations and Transportation of Food, and State Regulatory Updates and Trends	Pamela Peckman
8:30 - 9:00 a.m.	New Products and Strategies to Combat Vertebrate Pests Habit and Behavior of Rodents Exclusion and Harborage Elimination Methods Trapping and Baiting Techniques The Control Plan and Data Collection	Leonard Mongiello
9:00 - 9:30 a.m.	Real World Applications to Combat Vertebrate Pests Rodenticides: Bromethalin and Cholecalciferol Rodent Birth Control, Remote Reporting Devices, and Fumigation Birds: Toxic Baits, Ovo Control, and Fogging	Jerry Heath
9:30–10:00 a.m.	Hands-on Insecticide Label Analysis Components of Labels and Content, Label Terminology, Warnings and Restrictions, General vs. Restricted Use, Update of Significant Label Changes, Stewardship Training for Products Beyond Certification, Labels for Certain Fumigants and Industrial Aerosols, Missouri Specific Information on Labels and Bulletins	Sharon Dobesh
10:00–10:30 a.m.	Stored Product Pests Identification, Biology and Habitat; Exclusion and Other Innovative Control Methods including Eliminating Harborage, Pheromone Monitoring, Mating Disruption, Insect Growth Regulators, Biological Control, and Other Strategies.	Jerry Heath
10:30–10:40 a.m.	Break—New Products Showcase	Jerry Heath
10:40–11:35 a.m.	Understanding Fumigation and Efficacy: Updates and Stewardship Space and Commodity Fumigation (FMP's and Fumigant Comparisons), Fumigator and Management Responsibilities, Calculation of Rate, Grain Temperatures and Outside Air Temperature Considerations Testing and Gas Monitoring Requirements (Restricted Entry Interval) Detailed Requirements on Fumigant Labels Fumiguide Software—an Aspect of a Fumigant Label	Jerry Heath
11:35–11:50 a.m.	The Latest Information on Phosphine Resistance	Jerry Heath
11:50–1:00 p.m.	Lunch and Keynote Address: Innovation in Pesticide Technology	Dr. Subramanyam Bhadriraju



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## AGENDA, continued

1:00—1:30 p.m.	<b>New Discoveries in Aerosol Applications</b> Aerosol Particle Size and Insecticidal Efficacy Direct Versus Indirect Exposures Residual Efficacy and Deposition on Surfaces Variation Among Insect Species Aerosol Distribution in Field Sites	Dr. Frank Arthur
1:30—2:00 p.m.	<b>Emerging Trends in Food Industry Pest Management</b> New Strategies on Roach Control New Strategies on Fly Control Innovative Uses for Probiotic Cleaners	Dr. Cisse Spragins
2:00—2:30 p.m.	<b>Developments Using Attractants in Stored Product Insect Pest Management</b> Implementation Pheromone/Kairomone Based Monitoring Programs Interpretation of Results from Monitoring Programs New Developments in Attractants and Trap Design Application of Pheromones in Mating Disruption Programs New Developments in Mating Disruption and Lure-and-Kill Tactics	Dr. James Campbell
2:30—2:45 p.m.	<b>Break—New Products Showcase</b>	Jerry Heath
2:45—3:30 p.m.	<b>What You Need to Know About Environmental Measures</b> Pesticide Waste Groundwater, Endangered Species and Environmental Protection Container Cleaning and Disposal Spill Reporting Procedures and Methods Dangers of Pesticide Drift and Runoff Groundwater Quality, Protection, Contamination and Regulations Endangered Species Protection and Migratory Bird Act Risks to Non-target Animals Secondary Poisoning Related to Rodent and Bird Control Risks of Pesticides to Humans and High Risk Populations Optional Control Methods Other Than Using Toxicants	Pamela Peckman
3:30—4:30 p.m.	<b>What You Need to Know About Applicator Safety</b> Safe and Conscientious Pesticide Application: - Pesticide Residues and Food Protection - Protection of Sensitive Equipment and Surfaces The Applicator and Other Personnel: - The Worker Protection Standard - Personal Protective Equipment and Decontamination - Pesticide Poisoning: Prevention, Recognition and Treatment - “Acute” and “Chronic” Toxicity and Risk Reduction	Jerry Heath
4:30—5:00 p.m..	<b>Real World Insights and Group Discussion</b>	Panel
5:00 p.m.	<b>Adjourn</b>	