



Poo is not to play with: Manure Handling Safety

September 15, 2017

2:30 pm (eastern), 1:30 pm (central), 12:30 pm (mountain), 11:30 am (pacific)

Join us for a “tank full” of safety topics on manure handling. Penn State University extension professionals will share on the dangers associated with agitation, confined spaces, safe operating procedures, ventilation recommendations, and worker safety. The presentation will focus on toxic gas production including hydrogen sulfide. Best practices will be presented on safety and worker protection will be emphasized. Multiple online resources will be discussed to assist participants with safety issues. *An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) will be submitted.*



Mike Hile received a Ph. D. in the Department of Agricultural and Biological Engineering at Penn State University. His research focuses on gas emissions from manure storage, processing and handling in the agricultural industry. As one of the members of the Penn State Odor Assessment Laboratory (PSOAL), Dr. Hile has evaluated the efficacy of manure additives and technological solutions to reducing odors for biosolids and animal manures. Field and laboratory experience enables Mr. Hile to be a key member of projects that involve measuring greenhouse gases, ammonia and hydrogen sulfide. Phone: (814) 863-7960; Email: mlh144@psu.edu

Robb Meinen is a Senior Extension Associate in the Department of Animal Science at Penn State University. His main duty is to coordinate education for the PA Commercial Manure Hauler and Broker Certification Program. Additional duties include education and support in Nutrient and Odor Management areas, as well as service to the swine industry. He co-instructs Nutrient Management and Swine Management courses at the university.

Phone: (814) 865-5986; Email: rjm134@psu.edu



Dan Hofstetter is a Extension-Research Assistant at Penn State University. His areas of expertise include: Agricultural Engineering, Machine Design, Manure System Design, Computational Fluid Dynamics, and Farm Animal Welfare. He received his M.S. in Agricultural & Biological Engineering from The Pennsylvania State University. Phone: (814) 865-1783; Email: dwh5212@gmail.com

Dr. Michael Pate, Nationwide Insurance Associate Professor of Agricultural Safety and Health, will serve as the moderator for this webinar. Dr. Pate joined Penn State University Extension in 2017. Dr. Pate’s research and extension efforts focus on innovative and proven intervention techniques that influence knowledge, attitudes, and practices of agricultural workers. Dr. Pate has been engaged in promoting agricultural worker safety and health for the last seven years. Phone: (814) 865-2808; Email: mlp79@PSU.EDU



How Do I Participate?

On the day of the webcast, go to www.extension.org/58813 to download the speaker’s power point presentations and connect to the virtual meeting room. First time viewers should also follow the steps at: www.extension.org/8924.

For More Information

- * Online Tool for Designing Ventilation Systems to Reduce Manure Pit Entry Risk ventdesign.agsafety.psu.edu/
- * Confined Space Manure Storage Hazards extension.psu.edu/confined-space-manure-storage-hazards
- * Open Air Manure Storage Safety Tips extension.psu.edu/open-air-manure-storage-safety-tips
- * Confined Space Manure Storage Ventilation extension.psu.edu/confined-space-manure-storage-ventilation-systems
- * Manure Storage Design and Safety Considerations with Gypsum Bedding extension.psu.edu/manure-storage-design-and-safety-considerations-with-gypsum-bedding