Food Safety and Manure Application

March 19, 2021

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

Animal manures are an important source of nutrients for vegetable and fruit production, particularly for food grown under organic certification. Join us as three experts across the U.S. share federal guidelines related to use of animal manures for food production, and practices that promote food safety while using animal manures. You will learn about experiences with manures, compost, irrigation water, and factors that are important to keep our food safe.

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.

Dr. Manan Sharma is a Research Microbiologist in the Environmental Microbial and Food Safety Laboratory with the United States Department of Agriculture, Agricultural Research Service (USDA ARS) in Beltsville, Maryland. His research focuses on pre-harvest produce safety issues and their intersection with environmental sustainability. These research topics include factors which affect the survival of enteric bacterial pathogens in soils, biological soil amendments (manure, compost), in irrigation water, and on fruit and vegetable commodities, and interventions which reduce their prevalence in these environments. He has worked as a USDA ARS Research Microbiologist since 2005. He received in B.S. degree in Microbiology and Cell Science from the University of Florida, and his M.S. and Ph.D. degrees in Food Science and Technology from the University of Georgia. Phone: 301-504-9198, Email: manan.sharma@usda.gov

Tommy Bass is an Associate Extension Specialist at Montana State University working in manure nutrient management, agricultural and food sector composting, agri-food emergency management, and local/regional livestock and meat supply chains. He is also a HACCP instructor and Extension Disaster Education Network delegate, and much of his programming takes a systems approach focused on the nexus of environmental quality, animal biosecurity, and meat and food safety. Tommy has been engaged in the LPELC for more than 15 years, previously at the University of Georgia and in his current position. He has a BSA in Animal Science, UGA, an MS in Agricultural/Extension Education, MSU, and is currently a PhD Candidate, in Ecology and Environmental Sciences at MSU. Phone: 406-994-5733, Email: tmbass@montana.edu

Dr. Michelle Jay-Russell currently serves as a Research Microbiologist and Manager of the Western Center for Food Safety (WCFS), an FDA CFSAN academic Center of Excellence. Her research and outreach program explores the interface between production agriculture, wildlife, livestock and the environment. She received her D.V.M. and M.PV.M degrees in 1992, and her Ph.D. (Microbiology) in 2011, from the University of California-Davis. She is specialty board certified by the American College of Veterinary Preventive Medicine. Phone: 530-219-4628, Email: mjay@ucdavis.edu

The LPE Learning Community is a project dedicated to the vision that individuals involved in public policy issues, animal production, and delivery of technical services for confined animal systems should have on-demand access to the nation’s best science-based resources. See our website at lpelc.org.
How do I participate?
On the day of the webinar, go to lpelc.org/live-webinar-information/ to download the speaker’s power point presentations and connect to the virtual meeting room. First time viewers should also follow the steps at: lpelc.org/how-do-i-participate-in-a-webcast/.

More Information on the Topic


The LPELC network depends on the sharing of both questions and answers! To stay engaged, sign up for the newsletter at lpelc.org/about-us/sign-up/.