Tucker D. Andrews

Research Technician on USDA-OREI project, *Bedding strategies that promote udder health and milk quality by fostering a beneficial microbiome on organic dairy farms*

Publications:

1. **Andrews, T.** 2018. Ecology of composted bedded pack and its impact on the udder microbiome with an emphasis on mastitis epidemiology, M.S. Thesis, UVM.

2. **Andrews, T,,** Neher, D.A., Weicht, T.R., and Barlow, J.W. 2019. Mammary microbiome of lactating organic dairy cows varies by time, tissue site, and infection status. ***PloS ONE*** 14(11): e0225001. DOI 10.1371/journal.pone.0225001

Presentations:

Andrews, T., Neher, D., and Barlow, J. 2018. Ecology of bedded pack systems on organic dairy farms. Organic Dairy Conference, Vermont Technical College, Randolph, 15 March 2018, Invited.

Andrews, T., Neher, D. A., Weicht, T. R., and Barlow, J. 2017. Linkages between bedded pack and healthy and mastitic cow udder microbiomes. Argonne Soil Metagenomics Meeting, 1-3 November 2017.

Andrews, T., Neher, D. A., and Weicht, T. R. 2017. Microbial ecology of composting bedded pack. Soil Ecology Society. Poster Presentation.

LeDuc, M., **Andrews, T.**, Weicht, T.R., and Neher, D.A. 2017. Microarthropods in bedded pack: A source for biocontrol of biting fly pests on dairy farms? Soil Ecology Society. Oral Presentation.

Education:

M.S. Plant and Soil Science, University of Vermont 2018
B.A. Environmental Studies, Bard College 2006

Previous Positions:

Organic Vegetable Manager, Maple Wind Farm, 2012-2015
Farm Program Coordinator, Vermont Youth Conservation Corps, 2011-2012

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