



NAQSAT, a Tool for Determining Opportunities to Reduce Air Emissions from Swine and Poultry Farms

October 15, 2010

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

The National Air Quality Site Assessment Tool (NAQSAT) was developed for livestock and poultry producers to assist in determining the areas on their operations where opportunities exist to make changes that will result in reduced air emissions. The tool addresses eight concerns that relate to air emissions: animals and housing, feed and water, collection and transfer of manure, manure storage, land application, mortalities, on-farm records, and public perception. NAQSAT can be used for swine, dairy, beef, broiler chicken, laying hen, and turkey operations. The on-line tool was developed for voluntary educational use and is available to the public at: <http://naqsat.tamu.edu/>. This webinar is the second and concluding webcast in a series on the NAQSAT. During the webcast, Natalie Rector will provide an overview of the tool; Jerry May will discuss case studies on swine operations; and Darrin Karcher will talk about application of the tool on poultry farms. *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.*

Natalie Rector has twenty-two years of experience as a Multi-County Extension Field Crops Agent in south-central Michigan and has spent the last 6 years on state-wide responsibilities for manure nutrient management for MSU Extension. She holds a Bachelor of Science degree in Crop and Soil Science and a Master of Science degree in Natural Resources, both from MSU.

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Jerry May joined Michigan State University Extension in 1999 as a member of the Pork Area of Expertise (AoE) team. He is based in Gratiot County and works with pork producers across central Michigan. His programs include manure management and the phosphorus balance on swine farms, odor mitigation practices, and siting new and expanding livestock operations. His B.S. and M.S. are both in Animal Science and were received from Michigan State University.

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Darrin Karcher is a Poultry Extension Specialist at Michigan State University. He organizes educational programs for backyard and small flock producers, the Michigan poultry industry, and 4-H and FFA members. His research is targeted toward the turkey and layer industry in the state focusing on nutrition, management practices, and skeletal issues. Mr. Karcher received an M.S. from the University of Wisconsin – Madison and a PhD from Purdue University.

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Join the Discussion

Before or after the webcast, ask questions, post comments, upload photos, or share your experiences with these topics by going to <http://animalag.ning.com>. Click on “discussion” to start, contribute, or follow discussions that interest you most.

How Do I Participate?

On the day of the webcast, go to http://www.extension.org/pages/Live_Webcast_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: http://www.extension.org/pages/How_Do_I_Participate_in_a_Webcast%3F.

Links For More Information:

- * *Air Quality in Animal Agriculture*: http://www.extension.org/pages/Air_Quality_in_Animal_Agriculture
- * *Animal Agriculture and Air Quality*: <http://www.extension.iastate.edu/airquality/homepage.html>
- * *Air Management Practices Assessment Tool*: <http://www.extension.iastate.edu/airquality/practices/homepage.html>
- * *Manure Management and Air Quality*: <http://www.manure.umn.edu/index.html>
- * *Livestock Manure Management*: <http://manure.unl.edu>

The LPE Learning Center 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: <http://www.extension.org/animal+manure+management>.