Livestock and Poultry Environmental (LPE) Learning Center.
Educational Webcast Series
http://www.extension.org/animal+manure+management

Nitrogen Conservation in Animal Housing

February 20, 2008

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

How can you conserve more of the valuable nitrogen from your cattle feed lot or confinement facility? Do you want to learn more about manure management strategies to conserve nitrogen for beneficial reuse? The February webcast will feature presentations on nitrogen conservation in open feedlots and confined animal housing units as well as feeding strategies that allow for more nitrogen to be retained in stored manure. *An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) has been submitted.*

Wendy Powers is a Professor and Environmental Stewardship Director for Animal Agriculture with Michigan State University. Her research interests are diet modification as a mitigation strategy for odor and gaseous emissions and manure nutrient excretions and developing post-excretion strategies to reduce environmental impact of livestock production. Her extension program emphasizes development and implementation of solutions to minimize the impact of animal agriculture on the environment. Programs focus on air quality practices, regulatory activity, and a whole-systems approach to environmental accountability. Phone: (517) 432-3849, Email: wpowers@msu.edu.

Galen Erickson is an Associate Professor and Beef Feedlot Extension Specialist with the University of Nebraska. His research interests are: environment- nutrition interactions, grain processing and starch use, corn byproduct utilization, protein utilization and requirements of feedlot cattle, and nutritional effects on pathogen excretion. He received his Ph.D. from the University of Nebraska. Phone: (402) 472-6402; Email: gerickson4@unl.edu.

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:

* Conserving nutrients during manure storage: http://www.animalagteam.msu.edu/Portals/0/nov_scoop.pdf
* LPES Curriculum: Planning and Managing Manure Storage Facilities, Lesson 20
http://pubwiki.extension.org/mediawiki/files/1/18/LES_20.pdf
* Manure Storage Selection: http://extension.usu.edu/files/factsheets/AG-AWM-01-3.pdf
* LPES Curriculum: Nitrogen and P Excretion in Feedlot Cattle and its Fate, Lesson 13 Section 2
http://pubwiki.extension.org/mediawiki/files/9/9e/L13_sec2.pdf
*Iowa State Beef Feedlot Systems Manual: http://www.extension.iastate.edu/Publications/PM1867.pdf

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