



## **The Effects of Ethanol Co-Products On Manure Management**

**February 15, 2008**

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

The rapidly expanding ethanol industry is producing increasing amounts of corn co-products that are being used in livestock and poultry diets. Inclusion of distillers grains with solubles and corn gluten feed in diets alter excretion of nitrogen and phosphorous in manure and therefore impact nutrient planning. This webcast will explain how feeding ethanol co-products may impact manure nutrient management for ruminants and non-ruminants.

### **Joel DeRouchey, Kansas State University and Galen Erickson, University of Nebraska.**

Dr. Joel DeRouchey is an Associate Professor and Environmental Management and Livestock



Nutrition Specialist. His extension and research interests are: to develop and help implement on farm technologies to improve animal production and environmental quality, conduct applied swine nutrition research to increase the profitability of swine producers, and coordinate youth swine activities to increase swine industry knowledge, husbandry and awareness of careers in swine production. He obtained his M.S. and Ph.D. in Swine Nutrition at Kansas State University. 785-532-2280 [jderouch@k-state.edu](mailto:jderouch@k-state.edu)

Galen Erickson is an Associate Professor and Beef Feedlot Extension Specialist for the University of Nebraska-Lincoln. His areas of interest are: environmental-nutrition interactions in the feedlot, grain utilization-processing and starch use, corn co-product utilization, protein utilization and requirements of feedlot cattle, nutritional effects on pathogen excretion. He received his Ph.D. from the University of Nebraska. (402)472-6402 [gerickson4@unl.edu](mailto:gerickson4@unl.edu).



### **Resources and Links:**

--Heartland Regional Water Coordination Initiative, fact sheets on corn co-products and impacts on nutrient management. <http://www.heartlandwq.iastate.edu/ManureManagement/>

--University of Minnesota: Distiller grains in livestock and poultry feeds

<http://www.ddgs.umn.edu/overview.htm>

--Nutrient Mass Balance and Performance of Feedlot Cattle Fed Wet Distillers Grains

<http://www.ianrpubs.unl.edu/epublic/live/mp100/build/mp91.pdf>

### **How do I participate?**

Information about software requirements, testing your connection, and how to connect to the webcast are available at <http://lpe.unl.edu/webcast5.html>.

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. More information is available at <http://lpe.unl.edu>.