



## Livestock and Poultry Environmental (LPE) Learning Center.

### Educational Webcast Series

<http://www.extension.org/animal+manure+management>



## Manure Management Planner Software

**December 19, 2008**

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

The workshop will provide an introduction to the Purdue Manure Management Planner (MMP), a comprehensive software program designed to assist an animal producer or advisor in assembling a Comprehensive Nutrient Management Plan (CNMP). The software currently supports the nutrient recommendations for 34 states and the Phosphorus Risk assessment for 25 states. The tool will generate plans for field specific manure and fertilizer recommendations and assess the sufficiency of available crop acreage, seasonal land availability, manure storage capacity, and application equipment to manage the manure.

The MMP is being recommended by USDA NRCS as the software tool of preference for Technical Service Providers developing CNMPs. US EPA is also endorsing MMP as one option that will address the CAFO nutrient planning requirements of the new regulations. This webcast is being co-sponsored by the American Society of Agronomy (<http://www.agronomy.org>). 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.

### Speakers:

**Brad Joern** is a Professor of Agronomy at Purdue University. His extension interests are in comprehensive nutrient management planning and land application of livestock manures and industrial/municipal biosolids. Some of his research projects evaluate how sourcewater, drainage, P source rate and placement, and animal diet manipulations impact P loss from soil to water and improved soil test methods for plant nutrients. He received his Ph.D. in Crop and Soil Sciences/Environmental Toxicology from Michigan State University. Email: [bjoern@purdue.edu](mailto:bjoern@purdue.edu), Phone: (765) 494-9767.



**Phil Hess** is with the Agronomy Department at Purdue University. He is the lead programmer for the MMP software. Email: [pjhess@purdue.edu](mailto:pjhess@purdue.edu); Phone: (765) 494-8050.

**Rick Swenson**, USDA NRCS is the Director of the Animal Husbandry and Clean Water Division. He has been with the agency for 34 years with experience in six states. He was formerly the State Conservationist in New York for 6 ½ years. He holds degrees from Arizona State University and Syracuse University. Email: [Richard.swenson@wdc.usda.gov](mailto:Richard.swenson@wdc.usda.gov), Phone: 301-504-2198.

### Links For More Information:

- \* Manure Management Planner Software - <http://www.agry.purdue.edu/mmp/>
- \* Getting Started with Manure Management Planner [www.agry.purdue.edu/mmp/MmpGettingStarted.doc](http://www.agry.purdue.edu/mmp/MmpGettingStarted.doc)
- \* USDA NRCS 590 Nutrient Planning Standard <ftp://ftp-fc.sc.egov.usda.gov/NHQ/practice-standards/standards/590.pdf>
- \* USDA NRCS Standards and Supporting Information - <http://www.nrcs.usda.gov/technical/Standards/nhcp.html>
- \* eXtension Nutrient Planning Information [http://www.extension.org/pages/Manure\\_Nutrient\\_Management\\_Articles](http://www.extension.org/pages/Manure_Nutrient_Management_Articles)
- \* LPE Learning Center web page on Software and Nutrient Management Resources  
[http://www.extension.org/pages/Software\\_and\\_Web-Based\\_Resources\\_for\\_Nutrient\\_Management](http://www.extension.org/pages/Software_and_Web-Based_Resources_for_Nutrient_Management)

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>.