

LPE Center News



April 2009

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

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LPE Learning Center Webcast Series

Looking Forward to the May Webcast:

Proposed Ruling Would Require Reporting of Greenhouse Gas Emissions

The May webcast will address a proposed U.S. EPA ruling (*see separate article on page 2*) that is expected to require some livestock producers to report greenhouse gas (GHG) emissions. The webcast is tentatively scheduled for May 15, which is expected to fall within the comment period for the proposed ruling. Focal questions for organizing the webcast are:

- What is the purpose behind reporting GHG emissions?
- How would the proposed ruling apply to animal agriculture?
- What is known about GHG emissions from animal feeding operations?
- How credible are techniques for measurement and estimation of GHG?
- What operations may be impacted?

Date/Time (Tentative): Friday, May 15, 2009, at 2:30 pm (EDT)/1:30 pm (CDT)/12:30 pm (MDT)/11:30 am (PDT).

April Webcast
"What to Expect When You're Inspected"
April 17, 2009, at 2:30 pm (EDT) [More...](#)

How to Participate: On the day of the webcast, go to http://www.extension.org/pages/Live_Webcast_Information. First-time viewers should follow the steps at http://www.extension.org/pages/How_Do_I_Participate_in_a_Webcast? a few days before the webcast to ensure they will be able to access the virtual meeting room.

LPELC Home page:
<http://www.extension.org>
and click on "Animal Manure Management."

What's Going On In the LPE Learning Center?

Continuing Education Units are available through the Certified Crop Adviser program and American Registry of Professional Animal Scientists [More...](#)

Annual Survey Will Be Arriving Soon

The Livestock and Poultry Environmental Learning Center is nearing the end of its funding. The responses provided by many of you in last year's survey have been extremely helpful as we develop additional proposals to extend the project. Thank you to everyone that responded! The new survey is expected to be released in one week.

We are conducting another survey to learn more about how you have used LPELC resources. This information will be used in several upcoming proposals and final reports for the project. As always, your participation in the survey is voluntary (but appreciated) and anonymous. We hope that you will take 10 minutes to complete the survey when you receive our request.

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Biogas Presentations from AgSTAR Conference Available Online

More than 275 people from 31 states and 4 countries attended the 2009 AgSTAR Conference in Baltimore, Maryland, in February. AgSTAR is a voluntary program sponsored jointly by the U.S. EPA, the USDA, and the U.S. Department of Energy that encourages methane recovery (biogas) technologies at confined animal feeding operations that manage manure as liquid or slurries.

The following presentations are available for download via PDF at <http://www.epa.gov/agstar/conference09.html>:

- Developments in Climate Change Policy
- History and Current Status of Manure Anaerobic Digester Systems
- What's a Digester Cost These Days?
- 2008 Farm Bill and USDA – What's Available for Digester Systems
- The Role of Cooperatives in Making Digester Projects Feasible
- USDA and New Market Tax Credit Financing
- Physical, Chemical, and Biological Properties and Impacts on Gas Production
- Co-Digestion: The European Experience
- Project Overview for AgStar
- The Implementation of an Animal Biomass to Energy Project at a Large Scale Dairy in Jerome, Idaho
- Dean Foods Achieves the "Gold Standard" With Its First Digester Project
- Making Energy and Energro Potting Mix at Crave Brothers Dairy in Wisconsin
- New Gensets and On-Farm Direct Use Equipment
- Powering Dairy Trucks with Digester Biogas at Hilarides Dairy in California
- Covering Swine Lagoons for Carbon Credits and Odor Control
- A Successful Swine Manure Digester in Nebraska
- A Digester on Broiler Manure
- Biomethane from Dairy Waste Conversion: Guidance for Introduction to Natural Gas Networks
- Three Dairy Digester Pipeline Upgrade Projects Using PSA Adsorption Process
- What's New in the Carbon Credit World – A Panel Discussion
- Using the ASERTTI Protocol - Initial Monitoring Results from Eight Digesters in New York State
- Monitoring a Mesophilic, Plug-Flow Digester Using Co-Digestion of Food Processing Substrates with Dairy Manure
- New Horizons for Biogas Use

Spotlight On...

EPA Seeks Reporting of Greenhouse Gas Emissions

The U.S. EPA has issued a proposed rule for mandatory greenhouse gas (GHG) reporting from large GHG emissions sources in the United States. GHG emissions from manure storage and handling facilities fall under the proposed rule. The proposed rule will be open for public comment for 60 days after publication in the Federal Register, which appears likely to be in early April. Two public hearings will be held during the comment period, one on April 6-7 in Arlington, Virginia, and the other on April 16 in Sacramento, California.

More information on the proposed rule, including two EPA fact sheets for agricultural audiences, is available at: <http://www.epa.gov/climatechange/emissions/ghgrulemaking.html>.

OVERVIEW: The proposed rule does not require control of GHG, rather it requires only that sources above certain threshold levels monitor and report emissions.

EPA is proposing the regulation to require reporting of greenhouse gas emissions from all sectors of the economy, under the Clean Air Act. The proposed rule would collect accurate and comprehensive emissions data to inform future policy decisions.

“Our efforts to confront climate change must be guided by the best possible information,” said EPA Administrator Lisa

P. Jackson. “Through this new reporting, we will have comprehensive and accurate data about the production of greenhouse gases. This is a critical step toward helping us better protect our health and environment – all without placing an onerous burden on our nation’s small businesses.”

In general, EPA proposes that facilities that emit 25,000 metric tons or more per year of GHG emissions submit annual reports, which will account for 85-90% of the nation’s GHG emissions. The gases covered by the proposed rule are carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFC), perfluorocarbons (PFC), sulfur hexafluoride (SF₆), and other fluorinated gases including nitrogen trifluoride (NF₃) and hydrofluorinated ethers (HFE).

This proposed rule is the first comprehensive national system for the U.S.



This material is based upon work supported by the Cooperative State Research, Education, and Extension Service, U.S. Department of Agriculture, under Agreement No. 2005-51130-03315. Any opinions, findings,

conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture.