



Livestock & Poultry Environmental Learning Center News

Connecting Experts With Those Advising Animal Producers

October 2011

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

Looking Forward to the November Webcast

Moving Manure Nutrients: Methods & Implications

Moving manure nutrients out of vulnerable watersheds has become an issue with much national focus. Researchers have studied alternative storage systems that can make transport of poultry litter more feasible and economical. Learn more about those systems as well as the implications of moving nutrients out of the [Chesapeake Bay] watershed at the **November 18** webcast. The presentation will start at 2:30 pm (eastern); 1:30 pm (central); 12:30 pm (mountain); 11:30 am (pacific) and will feature Erik Lichtenberg, University of Maryland and Jeff Vitale, Oklahoma State University. [More...](#) (a flyer will be posted at that link as soon as it is available).



October Webcast

“Proper Closure of Manure Storage Lagoons” October 21, 2011. Speakers are: Karl Vandevender, University of Arkansas; Thomas Bass, Montana State University; Catherine Nash, USDA NRCS; Jeremy Seiger, USA EPA Region 6; Terry Medley, KS Dept of Health and the Environment; and Saqib Mukhtar, Texas AgriLife Extension. The presentation will begin at 2:30 pm (eastern) [More...](#) .

What Is Going On In the LPE Learning Center?

Your Best Guess, Climate Change Link



Your Best Guess. Can you guess the manure application rate shown in this [photo](#)? Post your guess in the comments section or email them to Jill. The [EnvAgLeaders Facebook page](#) is part of the [beginning farmer](#) team within the LPELC. If you have any photos or videos to consider for future “Best Guess” posts, email them to Jill.

September Winner. Augustine Frawley with the EPA in New England correctly guessed that last month’s [photo](#) was from an elk. Congratulations!

Climate Change Link. The LPELC Climate Change team has launched its new home page link [More...](#) The team plans to add climate-related webcast presentations and some fact sheets over the next few months. Watch this section to get updates as those resources are posted.

Get the “Scoop” on New or Updated LPELC Web Pages: Get the latest updates and new content from the LPELC delivered right to you. Subscribe to the RSS feed to see new and updated articles from

the LPELC. [RSS Feed](#). A new widget is also available for embedding in your website or blog. The widget can be customized with multiple content areas or products from many different eXtension communities of practice. [Create your widget](#)

National Resources

CAST Webcast, Nitrogen Tools, Farmer's Guide, Hog Manure Trends

CAST Webcast. The Council for Agricultural Science and Technology (CAST) recently hosted a webinar on "Air Issues Associated with Animal Agriculture: A North American Perspective". The webinar featured Dr. Frank Mitloehner from the University of California-Davis. You can view the archive by following the link. [More...](#)



Nitrogen Tools. The USDA Ag Research Service (ARS) is promoting several tools aimed at helping manage nitrogen more efficiently and reducing losses to water. The tools are the Nitrogen Index, Nitrogen Loss and Environmental Assessment Package (NLEAP), and Nitrogen Trading Tool. [More...](#)

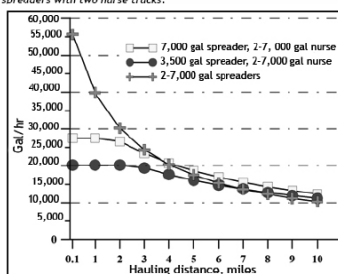
Farmer's Guide. The Farmer's Guide to the Conservation Security Program was recently updated by the National Sustainable Ag Coalition [More...](#)

Hog Manure Trends. The USDA Economic Research Service recently released a new publication "Trends and Developments in Hog Manure Management: 1998-2009" [More...](#)

Spotlight On:

Efficient Transport, Versatile Litter, MUN and Ammonia, Manure Safety

Figure 1: Hauling rate of two 7,000-gal tank spreaders compared to one tank spreader with two nurse trucks.



Efficient Transport. What are the most efficient systems for hauling manure different distances? Michigan State University recently completed a study on the economics and productivity of different systems for manure transport. Dr. Tim Harrigan led the study. [More...](#)

Versatile Litter. Arkansas researchers have been evaluating pelletized chicken litter (PCL) and urea as fertilizer sources for sweet potato, the use of PCL and urea to control soil-borne nematodes and the best way to do this. [More...](#)

MUN & Ammonia. A longtime, industry-wide practice—milk urea nitrogen (MUN) testing—may be used to help producers reduce ammonia emissions that escape into the environment from dairy production facilities according to the USDA Ag Research Service. [More...](#)

Manure Safety. Use caution when pumping manure from deep-pits urge Iowa State University faculty. [More...](#)

For even more news from the world of manure management, check out the LPELC [newsroom](#)

Events and Announcements

National Water Conference, Vermicomposting, Mortality Management

National Water Conference. The Land Grant and Sea Grant National Water Quality Conference has announced a call for symposia and workshops (due October 15, 2011) and presentations and posters (due January 2, 2012).

[More...](#)

Vermicomposting. NCSU's 12th Vermiculture Conference will be held on October 10-11, 2011 in Chapel Hill, North Carolina. [More...](#)

Water Standards Academy. The US Environmental Protection Agency is sponsoring a water quality standards academy December 12-16, 2011 in Arlington, VA. This course is designed as an introductory course for those with limited experience with water quality standards. [More...](#)

Mortality Management. Save the date for the 4th International Symposium on Managing Animal Mortality, Products, By Products, and Associated Health Risk: Connecting Research, Regulations, and Response. May 21-24, 2012 Dearborn, MI. [More...](#)

Have your state/regional/national event added to our [calendar of events](#). Send them to Jill at jheemstra@unl.edu.



Hot Topics

Manure and Animal Ag In the News

Google It. Google invests in pig poo power [More...](#)

Carbon Footprint. Should the dairy industry care about its carbon footprint? [More...](#)

Discovery News. Seven places poo will power the planet [More...](#)

Monitoring. Measuring farm pollution: by the river or by the farm? [More...](#)

The LPE Learning Center is a community of practice within the National eXtension Initiative | Room 6 ACB | Lincoln | NE | 68583-0918

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