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Waste Management Institute

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Department of Crop & Soil Sciences

CWMI Update – January 2009

<http://cwmi.css.cornell.edu/updates.htm>

Frequency of Re-bedding with Dried Manure Solids

The final report on the results can be accessed at: <http://cwmi.css.cornell.edu/frequencyresults.pdf>.

We are now in the process of evaluating the impact of our research on DMS. If you or anyone you know is currently using, thinking of using, or advising those who are considering using DMS, we would appreciate your response to the following questions:

- Was our research helpful in your decisions/feelings on the use of DMS?
- How has your use of, or attitudes toward DMS changed or not changed as a result of the research?
- Are there dairies that you know of that are using DMS? If yes, have you discussed the use of DMS with them?
- Are there other questions you have regarding DMS?

Please direct your answers to Mary Schwarz at: 607-255-8444 or email: msp5@cornell.edu.

Case for Caution Revisited: Health and Environmental Impacts of Application of Sewage Sludges to Agricultural Land - <http://cwmi.css.cornell.edu/case.pdf>

The application of sewage biosolids to agricultural soils is regulated at the federal level by the EPA 503 Rules, which were promulgated more than 15 years ago. CWMI believes that these rules are inadequate in protecting agricultural soils for many reasons. New scientific findings since 1993 provide evidence for risks that were not appreciated or assessed as part of the 503 risk assessment process in developing the rules. In this document, we have selected significant research from the published literature that point to new contaminants of concern, pathogen risks, as well as ecological, soil, animal and human health effects that were not addressed in the 503 Rules. These new findings provide a rational basis for US EPA to revise the federal regulations and for states and municipalities to regulate the application of sewage biosolids.

Educational Events

US Composting Council's Annual Conference – January 26-29, 2009, Houston, TX

For more information, please go to: <http://www.compostingcouncil.org/conference/>

GreenThumb GrowTogether Annual Conference – March 21, 2009 – New York City

CWMI and partners will lead workshops to help gardeners best use soil testing efforts to reduce exposure to contaminants and promote garden health. For information as it becomes available: <http://greenthumbnyc.org> or contact Hannah Shayler at 607-254-2377 or email: has34@cornell.edu

Carcass Management Training Workshop for agriculture service providers – April 28-29, 2009, Monmouth, ME. Limited enrollment.

For more information, please go to: <http://cwmi.css.cornell.edu/carcasstraining.pdf>



BioCycle's 50th Anniversary - International Conference – April 27-30, 2009, San Diego, CA

For more information, please click on: <http://www.biocycle50.com/>

3rd International Symposium on Management of Animal Carcasses, Tissue and Related Byproducts – Connecting Research, Regulations and Response - July 21-23, 2009, University of California – Davis

--CALL FOR PAPERS AND POSTERS DEADLINE FEBRUARY 17, 2009

Three days of plenary, breakout and poster sessions to discuss, learn and share information with researchers, policy makers and regulators on carcass disposal technology, planning and policy. Included in these days will be hands-on workshops and demonstrations of available carcass disposal technology.

For more information go to: <http://extension.umaine.edu/ByproductsSymposium09/default.htm>

EDUCATIONAL RESOURCES

Avian Influenza and poultry composting – new materials

CWMI in contract with the New York State Department of Environmental Conservation assisted in the development and dissemination of educational materials for a composting component of a state emergency response plan for avian influenza. These materials can be used for routine mortality as well.

A 12-page fact sheet, illustrated poster and 6-minute DVD can be accessed at:
<http://cwmi.css.cornell.edu/ai.htm>

Soil Contaminant fact sheets <<http://cwmi.css.cornell.edu/soilquality.htm>> CWMI is developing resources to help gardeners, residents, and others make informed decisions about soil testing and reducing exposure to contaminants in order to encourage healthy gardens and community spaces. The first documents in this series will be posted by the end of the month, and additional materials will be available in the future. For more information, contact: Hannah Shayler at: 607-254-2377 or email: has34@cornell.edu

CWMI is currently digitizing all of our videos and print publications for free downloading. Here are the latest uploaded resources:

Do You Know Where Your Garbage Is?: <<http://hdl.handle.net/1813/11409>> A 12-minute video for youth which presents options for what we can do with the garbage that we can't reduce, reuse, or compost. Informative for all ages.

Life after the Curb: <<http://hdl.handle.net/1813/11410>> A 20-minute video for youth which shows how materials are reprocessed into new products. It shows separation and recycling processes and end products for plastic, steel, aluminum, glass, and paper.

Composting: Waste to Resources: <<http://hdl.handle.net/1813/11729>> A 36-page illustrated guide for educating youth about composting.

It's Gotten Rotten: <<http://hdl.handle.net/1813/11656>> A 20-minute video on composting science designed to be used at the high school level. Shows invertebrates and microorganisms that live in compost and focuses on classroom use of compost for scientific investigations.

Waste Prevention Tools at Work: <<http://hdl.handle.net/1813/11730>> A 13-minute training video designed to assist businesses and solid waste professionals and educators in reducing solid wastes from the retail, hospitality and small office sectors.