



UW-Extension Dairy Team
Midwest Manure Summit
March 24-25, 2009
Lambeau Field, Green Bay

www.midwestmanure.com

Tuesday, March 24, 2009

9:00 a.m. Registration and Refreshments

10:00 a.m. Welcome and Introductions

Tom Hinz, Brown County Executive

Dr. John Shutske, Program Leader, University of Wisconsin - Extension

10:10 a.m. Creating Designer Manure: Technology to Control Phosphorus

Dr. Jactone Arogo Ogejo, Virginia Tech

11:00 a.m. Farm Scale Composting: Environmental Benefits, Challenges, and Economics

Dr. Frederick C. Michel, Jr., The Ohio State University

Ohio Agricultural Research and Development Center

11:50 Lunch

1:10 p.m. Air emissions, NR445, EPA - What's coming in 2010 and what should you do?

John Ferguson, P. Eng, Conestoga-Rovers & Associates

SPONSOR: Conestoga-Rovers & Associates

2:00 - 4:00 p.m. Breakout Sessions

2:00 pm Breakout Session 1

(a) Manure Biosecurity and Safe Handling: Animal and Human Health Implications

Dr. John Shutske, University of Wisconsin - Extension, CALS

(b) Sand Settling Lanes

Dr. Joe Harner, Kansas State University

(c) Manure Transformation - The Brown County Project

Brad Holtz, Brown County Land Conservation Department

2:45 p.m. Break (Sponsored by GHD Inc.)

3:15 pm Breakout Session 2

(a) Manure as a Cash Crop: Considerations, Pitfalls, Liabilities

Kevin Erb, University of Wisconsin Extension - Cooperative Extension

(b) Proven Sand-Laden Manure Handling and Separation Technologies

Andrew W. Wedel, McLanahan Corporation

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(c) Manure Safety and Transportation

Ryan De Broux, PNAAW

Dave Anderson, Vincent Urban Walker & Associates

4:00 p.m. Economics of Sand Handling

Dr. Joe Harner, Kansas State University

5:00 - 7:00 p.m. Tours of Lambeau Field / Cash Bar



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Wednesday, March 25, 2009

7:00 a.m. - 8:20 a.m. Breakfast

8:20 a.m. Sunrise Speaker

Wisconsin's Focus on Energy's Experience with Biogas Digesters
Larry Krom, Focus on Energy

9:00 a.m. Mitigating Odor on Farms Using Modern Technology

Dr. Frank M. Mitloehner, University of California - Davis

9:50 a.m. Break (*Sponsored by Lakeside Systems, Inc. & Parkson Corporation*)

10:15 - 11:45 a.m. Breakout Sessions

10:15 am Breakout Session 1

- (a) Engineering Possibilities and Economics of Converting Biosolids into Building Materials
Dr. Jerrold Winandy, University of Minnesota
- (b) Developing Alternative Manure Digesters for Small and Medium Sized Dairies
Vance Haugen, University of Wisconsin Extension, Crawford County
- (c) Creating Clean Water - Sustainable Manure Handling
Jeffrey Arnold, Integrated Separation Solutions, LLC

11:00 am Breakout Session 2

- (a) Electricity and Biogas, Connecting the Farm to the Public
Merlin Raab, Wisconsin Public Service
- (b) Carbon Credits - Tapping into Your Digester's Hidden Potential
Sue Beitlich, Wisconsin Farmers Union
- (c) Manure Incineration for Energy: The Wiese Project
Paul Schneider, Ecocombustion Energy Systems

11:45 a.m. Lunch

12:45 p.m. Making the Most of Manure: Emerging Waste-to-Energy Treatments

Dr. Keri B. Cantrell, USDA Agricultural Research Service, South Carolina

1:45 p.m. Break

2:00 p.m. Examining Bioenergy Development Potential with GIS

Matt Kures, CCED - University of Wisconsin - Extension

2:30 p.m. Manure Digesters in Europe - Applications to the United States

Manfred Faatz, EBA - GmbH, Triesdorf, Germany

3:30 p.m. Wrap-up