

# Manure Technology Workshop

Tuesday, March 20, 2012

9:15 am to 3:15 pm

Fisher Auditorium

OARDC Campus, Ohio State University  
1680 Madison Avenue, Wooster, Ohio



## Program Partners



## QUESTIONS?

Contact:

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## Agenda

- 9:15 Welcome, Steve Baertsche, *Ohio BioProducts Innovation Center (OBIC), OSU*  
Moderator: Rory Lewandowski, *OSU Extension, Wayne County*
- 9:30 Utilizing Manure With Wheat and Corn: Creating New Application Windows, Glen Arnold, *OSU Extension Field Specialist, Manure Nutrient Management Systems*
- 10:00 Water Quality and Dissolved P: What Does it Mean for Agriculture and Why Should I Be Concerned? Jim Hoorman, *OSU Extension, Mercer County*
- 10:30 Designing Manure Systems for Future Needs, Terry Mescher, *P.E., Ohio Department of Natural Resources*
- 11:00 Project Update: Swine Manure to Bio-oil, Jim Sattler, *NuVention Solutions Inc.*
- 11:30 Lunch
- 12:30 Experiences from WI: Cooperative Anaerobic Digester and Centrifuge Separation Technology for Improved P Management, Leo Maney, *Clear Horizons*
- 1:00 Experiences from IN: Plug Flow Digester and Goals to Improve Nutrient Management and Water Quality, Brian Furrer, *BioTown AG Beef Feedlot*
- 1:30 On Farm Examples: Dairy and Pork Digester Methane Potential and Economic Returns for Electricity and Compressed Gas, Norma McDonald, *Phase 3 Renewables*
- 2:00 An Overview: Ohio Based Digester Projects and Future Plans, Micah Vieux, *quasar energy group*
- 2:30 USDA Update: Financial Incentive Programs for Bio Digester Projects, Randy Monhemius, *USDA Rural Development*
- 3:00 Wrap up and OBIC/OSU Partnership Opportunities, Denny Hall, *OBIC, OSU*
- 3:15 Adjourn

## Continuing Education Credits

1) ODA Certified Livestock Managers (CLMs): **4.0** CEU's; 2) Professional Engineers: **3.0** PDH's

## Registration

Please complete the registration form and send it with your payment.

Name(s): \_\_\_\_\_ Affiliation: \_\_\_\_\_

Street/City/Zip: \_\_\_\_\_

E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

Registration BEFORE March 12, 2012, includes continental breakfast and lunch:

Registration fee: \$15 per person. Number attending \_\_\_\_\_ x \$15 = \$ \_\_\_\_\_

Registration AFTER March 12, 2012, includes continental breakfast and lunch:

Registration fee: \$20 per person. Number attending \_\_\_\_\_ x \$20 = \$ \_\_\_\_\_

Send registration form and payment to:

Mary Wicks  
OARDC/OSU  
1680 Madison Avenue  
Wooster, OH 44691

Make checks payable to:

**OARDC/OSU**