

Registration

Registration BEFORE August 8, 2011:

Registration fee: \$30 per person*, includes continental breakfast and lunch.

*MPNAA members subtract \$5 Number attending _____ X \$30 = \$ _____

Registration AFTER August 8, 2011:

Registration fee: \$35 per person*, includes continental breakfast and lunch.

*MPNAA members subtract \$5 Number attending _____ X \$35 = \$ _____

Name(s): _____ Affiliation: _____

Street: _____ City/State/Zip: _____

E-mail: _____

Complete registration form and mail to:

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

Make checks payable to:

OARDC/OSU

Cut here



Directions

Winner Family Farm
7317 State Route 47 West
DeGraff, Ohio 43318



QUESTIONS? Contact Mary Wicks at wicks.14@osu.edu or 330.202.3533

Manure Science Review 2011



Field demos, MSR 2010



August 16, 2011

Winner Family Farm

7317 State Route 47 West
De Graff, Ohio



Manure Science Review 2011 Program

Tuesday, August 16, 2011

Harvest Barn at the Winner Farm.

MORNING SESSION (9:00 am to 12:00 pm)
Registration begins at 8:30 am.

Winner Dairy Overview, *Alan Winner, Owner Winner Family Farm*

Find out how changes, including solids separation, at the Winner's farm has led to more efficient water and manure management on their 400-cow dairy.

Using Dairy Solids for Bedding, *Tom Noyes, OSU Extension*

Learn about management strategies for the successful use of separated dairy solids for bedding and the effect of separation on nutrients in the liquid.

Preventing Nutrient Loss, *Wesley Haun, CPAg, CPSS, CCA, OSU Extension*

Utilization of BMPs enhances the opportunity to maximize manure nutrient values. Nutrient retention in the root zone provides for optimal plant uptake and minimizes potential environmental impacts.

Field Evaluation as a Management Tool
Jocelyn Henderson, ODNr-DSW

Reduce the risk of manure nutrient runoff by considering setbacks, slopes, and timing issues before applying manure.

Manure Management Technologies: Separating Fact from Fiction, *Terry Mescher, ODNr-DSW*

Learn about some of the newer technologies on the market and the questions you should be asking before investing in them.

LUNCH (12:00 to 1:00 pm)

AFTERNOON SESSION (1:00 to 4:00 pm)
Field demonstrations at the Winner Farm:

Water Management for Reducing Runoff Risk,
Alan Winner and Terry Mescher

- Watch a demonstration of the Winner solid/liquid manure separator.
- Learn how milk house wastewater can be stored for use in flushing barns.
- Evaluate options for diverting runoff from hard surfaces on the farm.

Manure Management for Reducing Runoff Risk. *Frank Gibbs, USDA-NRCS; Christine Pence, ODA-LEPP; Steve Searson, Logan SWCD*

- See how subsurface pathways can lead to discharges of liquid manure from drain tiles.
- Learn to calibrate equipment for accurate application rates.
- Identify setbacks that are effective in protecting water resources.

Manure Application Demonstrations. *Amanda Meddles, OSU Extension, and Steve Searson*

- See how tillage techniques can minimize the risk of liquid manure entering tile drains and affect infiltration rates.
- Learn how to extend the application window with side-dress manure nutrient application.



Tile control structures, MSR 2010

Who should attend?

The 2011 Manure Science Review is an educational program designed for those involved in any aspect of manure handling, management or utilization, including:

- Livestock and crop producers,
- ODNr-SWCD personnel,
- USDA-NRCS personnel,
- Extension Educators,
- Certified Crop Advisors, and
- Professional Nutrient Applicators.

Education Credits

ODA Certified Livestock Manager (CLM)

The full-day MSR program qualifies for 5.5 continuing education hours (CEU's).

Certified Crop Advisor (CCA)

The full-day MSR program qualifies for the following continuing education hours (CEU's):

- Soil and Water - 4.5 CEU's
- Nutrient Management - 1.0 CEU

Engineering Professional

The full-day MSR program qualifies for 5.5 professional development hours (PDH's).

Registration Details

Cost:	Early registration* (on or before August 8)	\$30
	Late registration* (after August 8 and walk-ins)	\$35

* \$5 discount for members of Midwest Professional Nutrient Applicators Association (MPNAA)

Includes: Continental breakfast, lunch and all materials.

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