

# Manure Science Review

Wednesday, August 12, 2015

8:45 am to 4:00 pm

Mississinawa Valley High School  
10480 Staudt Road, Union City, Ohio



Calibration demo (MSR 2014)

## Agenda (8:45 am - 4:00 pm)

Registration. Coffee and donuts.

**Legislative Update.** Overview of Ohio's new rules that limit manure application on snow-covered and frozen ground. Suggestions for planning now to meet current and future regulatory requirements. *Kevin Elder, ODA-DLEP*

**Lessons Learned: Winter 2015.** In March, a thaw followed manure application on snow covered fields in western Ohio, leading to runoff and many calls to regulatory agencies. *Terry Mescher and Jocelyn Henderson, ODNR-DSWR*

**Emergency Planning 101.** Actions you can take now to prevent a spill and plans for what to do in case of a spill. *Matt Adams, Custom Applicator*

**Nutrient Movement: Data from Edge of Field Studies.** Conducted throughout Ohio, these studies can provide guidance in applying manure to minimize nutrient runoff. *Kevin King, USDA-ARS*

**Extending the Application Window.** Field research using manure to side-dress corn can increase crop yield and extend manure storage capacity. *Glen Arnold, OSU Extension, and Tom Harrod, Harrod Farms*

**Lunch** (included in registration)

## FIELD DEMONSTRATIONS

**Subsurfer: Poultry litter injector.** *Dan Pote, USDA ARS*

**Incorporating Pelleted Poultry Litter during Application.** *Gary Fennig, Fennig Equipment*

**Composting manure.** *Dan Young, Fresh Aire Farms (invited)*

**Solid Manure Spreader Calibration.** *Janell Weiss, Darke SWCD; Steve Leis, S&J Farms*

**Smoking Subsurface Tile Drainage.** *Frank Gibbs, Wetland and Soil Consulting Services*

**Reducing Flow through Subsurface Tile Drainage.** *Justin McBride, ODNR-DSWR*

**Applicator Demonstrations.** *Glen Arnold; Tom Harrod; Alig Brothers (invited)*

- Nutrient boom for growing crops
- Side dressing with liquid manure
- Liquid manure injection
- Effect of drag hose on growing corn

**Setbacks.** *Janell Weiss*

**Cover Crops: Planting and Applying Manure.** *Sam Custer, OSU Extension; Matt VanTilburg*

## SPONSORS

### PLATINUM:



### GOLD:



### SILVER:



### BRONZE:



**THANK YOU!**

## COLLABORATORS



**CEU's**

The full-day MSR program qualifies for these continuing education credits:

**ODA Certified Livestock Manager (CLM):** 4.0 continuing education hours (CEU's)

**Certified Crop Advisor (CCA):** 3.5 Soil & Water Management CEU's  
1.5 Nutrient Management CEU's  
0.5 Manure Management CEU's

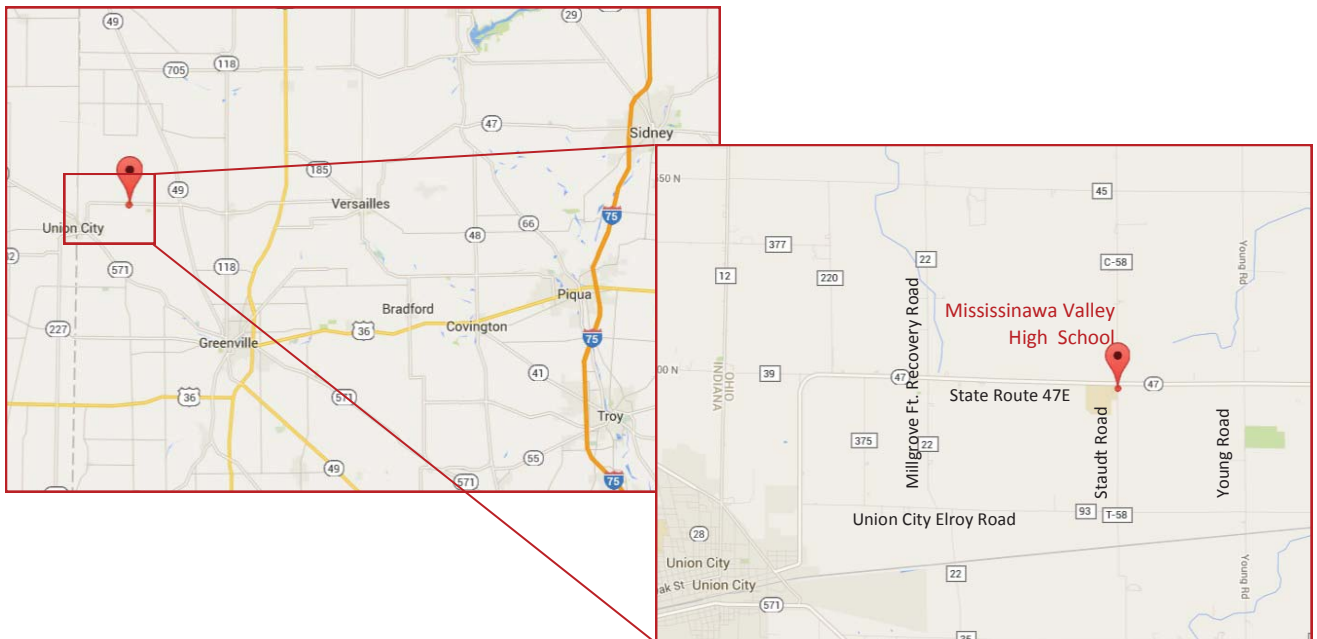
**Professional Engineer (PE):** 2.0 continuing professional development hours (CPD's)

**Indiana Office of State Chemist:** 4.0 Registered Technician (RT) continuing certification hours (CCH's)  
2.0 Agricultural Fertilizer Application (Category 14) CCH's

**Directions to Mississinawa Valley High**

**Morning program:** Mississinawa Valley High School  
10480 Staudt Road  
Union City, Ohio

**Afternoon program:** Maps to field demonstration will be available at the event.



**Registration**

Please complete the registration form and send it with your payment (no credit cards).

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

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

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

Registration BEFORE August 4, 2015, includes continental breakfast and lunch:

Registration fee: \$25 per person.      Number attending \_\_\_\_ X \$25 = \$ \_\_\_\_\_

Registration AFTER August 4, 2015 includes continental breakfast and lunch:

Registration fee: \$30 per person.      Number attending \_\_\_\_ X \$30 = \$ \_\_\_\_\_

Send form and payment to:

Mary Wicks  
OARDC/OSU  
1680 Madison Ave.  
Wooster, OH 44691

Make checks payable to:

**OARDC/OSU**