

## Registration

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

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 5, 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**

Cut here

## Questions

Contact Mary Wicks at:

E-mail: [wicks.14@osu.edu](mailto:wicks.14@osu.edu)

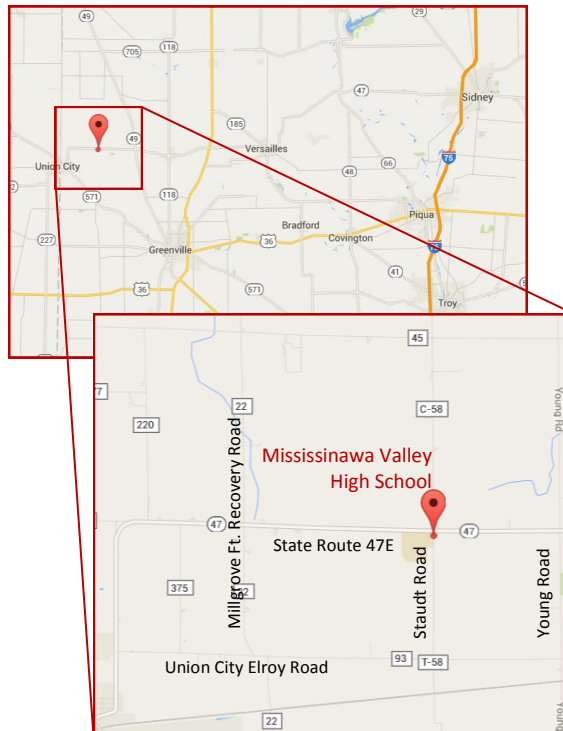
Phone: 330.202.3533



## Directions to Mississinawa Valley High School

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

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



# Manure Science Review

# 2015



Calibration demo (MSR 2014)

**Wednesday, August 12**  
8:45 am to 4:00 pm

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



**Manure Science Review**  
**Mississinawa Valley High School**  
 10480 Staudt Road, Union City, Ohio  
**August 12, 2015**

8:45 Registration. Coffee and donuts.

9:00 **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*

**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*

Who should attend

The 2014 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-DSWR and SWCD personnel,
- USDA-NRCS personnel,
- Extension Educators,
- Certified Crop Advisors, and
- Professional Nutrient Applicators.

Education credits

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

**ODA Certified Livestock Manager (CLM)**

4.0 Continuing education units (CEU's)

**Certified Crop Advisor (CCA)**

Continuing education units (CEU's):

- 3.5 Soil & Water Management
- 1.5 Nutrient Management
- 0.5 Manure Management

**Professional Engineers (PE)**

TBD Continuing Professional Development (CPD's)

**Indiana Office of State Chemist, Category 14**

TBD Continuing certification hours (CCH's)

Registration

**Cost: Early registration\*** \$25  
 (on or before August 4)

**Late registration\*** \$30  
 (after August 4 and walk-ins)

INCLUDES: coffee/donuts and lunch

**Questions? Contact:**

Mary Wicks  
 wicks.14@osu.edu  
 330.202.3533