

Manure Science Review

Wednesday, August 2, 2017

8:45 am to 4:00 pm

Stoller Brothers & Sons

9257 Road 144, Paulding, Ohio



Checking out a liquid applicator
(MSR 2015)

Agenda (8:45 am - 3:30 pm)

Registration. Coffee and donuts.

Using Manure Nutrients Effectively. Soil and manure analysis and manure application methods, such as side dressing, can improve crop yields and reduce nutrient runoff.

Glen Arnold, OSU Extension

Nutrient Application: Regulations Update. Overview of Ohio's rules on manure application and the importance of record keeping.

Kevin Elder, ODA-DLEP, and Matt Lane, ODS-DSWC

Reducing Nutrient Movement: Data from Edge of Field Studies. What on-farm research tells us about when and how to apply manure to minimize nutrient runoff.

Emily Duncan, USDA-ARS

Cover Crops: Opportunities and Challenges. Cover crops can reduce nutrient runoff and soil erosion but results may vary depending on the crop and other factors.

Speaker panel: Leon Klopfenstein, +2 invited

Best Practices for Manure Application. Planning can improve nutrient availability, save money, and protect the environment.

Tim Wood, M&W Farm Supply and Sam Mullins, ODA-DLEP

Staying safe. Understanding gases produced during manure storage and safety measures to prevent accidents.

Kent McGuire, OSU

Lunch (included in registration)

FIELD DEMONSTRATIONS

Solid Manure Spreader Calibration. *Deb Hubbard, Daniel Foust, Patrick Troyer, Paulding SWCD; Shelli Stockmeister, Seneca SWCD*

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

Reducing Flow through Subsurface Tile Drainage. *Justin McBride, ODA-DSWC*

Applicator Demonstrations. *G. Arnold, D. Hubbard, P. Troyer, D. Foust, S. Stockmeister*

- Incorporating poultry litter
- Side dressing with liquid manure
- Liquid manure surface vs. subsurface
- Effect of drag hose on growing corn
- Frac tanks for rapid transfer

Cover Crops: Planting and Applying Manure. *Shelli Stockmeister*

OPTIONAL: Emergency Manure Spill Response Demonstration

SPONSORS

PLATINUM:



<https://ohleap.org/>

GOLD:



THANK YOU!

For sponsorship or exhibitor information contact :

Mary Wicks
330.202.3533
wicks.14@osu.edu

COLLABORATORS



Registration details and directions page 2.

CEU's

The following continuing education credits have been approved:

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

Certified Crop Advisor (CCA): 2.5 Soil & Water Management (SWM) CEU's
2.0 Nutrient Management CEU's
0.5 Professional Development CEU's

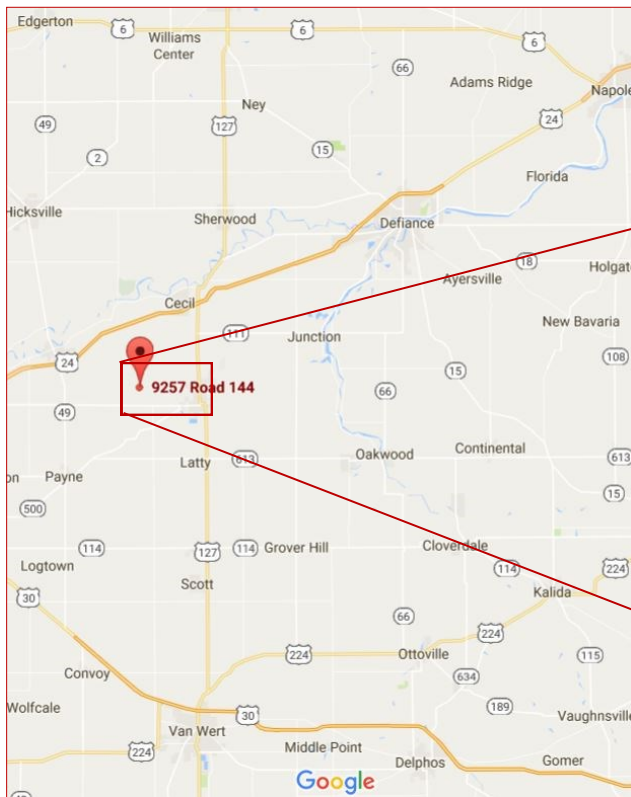
Professional Engineer (PE): 2.0 Continuing Professional Development hours (CPD's)

IN Office of State Chemist: 2.0 Ag Fertilizer Application (Cat 14) continuing certification hours (CCH's)

PA Manure Hauler/Broker: 6.5 Nutrient Mgmt & Manure Hauler/Broker CEC's (includes Spill Response)

NOTE: An additional **1.5 CCA SWM CEUs** and **1.0 CLM CEUs** have been approved for the Spill Response Demo.

Directions to the Manure Science Review



Location: Stoller Brothers & Sons
9257 Road 144
Paulding, Ohio 45879



Registration

Please complete the registration form and send it with your payment. For credit cards payment, register online -[details to come](#).

Name(s): _____ Affiliation: _____

Street/City/Zip: _____

E-mail: _____ Phone: _____

Registration BEFORE July 24, 2017, includes continental breakfast and lunch:

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

Registration AFTER July 24, 2017 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:

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