

# Manure Science Review

Wednesday, July 25, 2018 | 8:45 am to 3:30 pm

Watkins Farms | 18361 Twp Rd 90, Forest, OH 45843

Check-in, coffee, donuts: 8:15-8:45 am. Program: 8:45 am - 3:30 pm

**Waterhemp and Other Weed Seeds in Manure.** Weeds are a growing problem in the Eastern Cornbelt. Learn how to reduce risks of spreading weeds during manure application. *Jeff Stachler, OSU Extension Auglaize County*

**Avoiding Manure Spills.** Planning before manure application and using best practices help reduce risks. Find out how to avoid getting manure where it should not be. *Glen Arnold, OSU Extension*

**Manure Application: Rules and Liability.** Who's responsible when manure hits the creek? Learn how application agreements and other practices protect farmers. *Peggy Kirk Hall, OSU Extension*

**Reducing P Runoff.** Find out what research tells us about how manure incorporation, application timing, and other practices can help keep phosphorus on the land. *Greg LaBarge, OSU Extension*

**Regulations Update.** Hear the latest on current manure application regulations and potential changes down the road. *Matt Lane, ODA-Division of Soil and Water Conservation, and Sam Mullins, ODA-Division of Environmental Livestock Permitting*

**Valuing Manure.** Manure provides more than just nutrients. Find out how to assess its value from crop production, soil health and environmental perspectives. *Tom Menke, Menke Consulting Inc.*

**INDOOR DEMONSTRATIONS.** Learn about the effect of different plants and soils, a tool for application records, and on-farm best practices for nutrient management.

- **Rainwater/Runoff Simulation and Cover Crops.** *Howard Lyle and Sandy Springer*
- **ONMRK and OFBF Demonstration Farms.** *Jordan Hoewischer, OFBF*

**Lunch** (included in registration)

## FIELD DEMONSTRATIONS

**Preferential Flow.** *Howard Lyle, Hardin SWCD and Sandy Springer, Allen SWCD*

**Manure Spreader Calibration.** *Howard Lyle and Jeff Giesige, Putnam SWCD*

**Soil health: #SoilYourUndies.** *Sandy Springer, Allen SWCD*

**Shallow tillage for manure application.** *Howard Lyle; Mark Badertscher, OSU Extension*

**Seeding cover crops with a converted Highboy.** *Ryan Shanks & Mike Willeke, Buckeye Soil Solutions*

**Side dressing corn with manure.** *Glen Arnold, OSU Extension*

**Center pivot irrigation.** *Mark Watkins, Watkins Farm*

**Mortality composting.** *TBD*

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or contact:

Mary Wicks

330.202.3533

wicks.14@osu.edu

## COLLABORATORS



Continuing education credits have been approved as follows:

## CEU's

**ODA Certified Livestock Manager (CLM): 4.5** CEU's

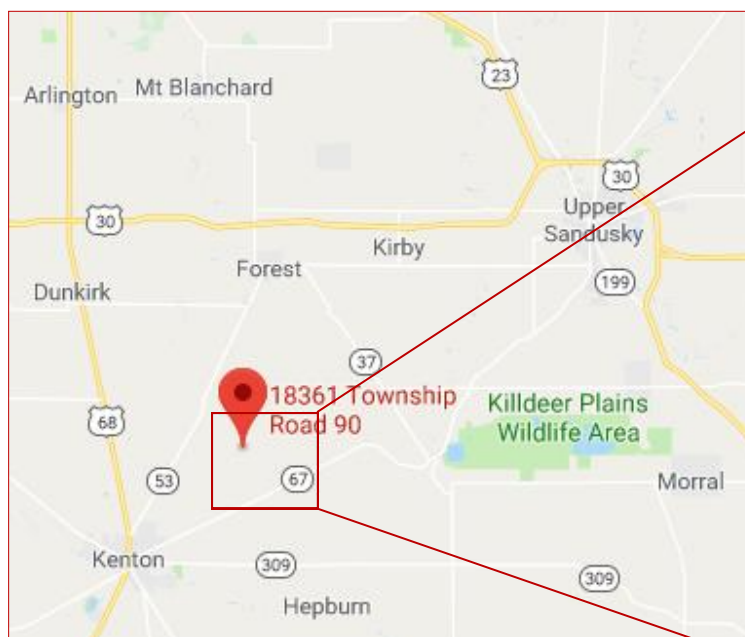
**Certified Crop Advisor (CCA): 3.5** Soil & Water Management (SWM) CEU's  
**2.0** Nutrient Management CEU's

**ODA Fertilizer Recertification: 1.0** Credit hour

**IN Office of State Chemist: 4.0** Cat 1-1 CCH; Cat 14-2 CCH; RT-1 CCH

**PA Manure Hauler/Broker: 4.0** Nutrient Mgmt & Manure Hauler/Broker CEC's

## Directions



**Address: Watkins Farm**  
18361 Twp Rd 90, Forest, OH 45843



## Registration

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

For credit cards payment, register online at [check back for link](#).

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

Company: \_\_\_\_\_ E-mail: \_\_\_\_\_

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

Registration received by July 16, 2018, includes donuts, coffee, and lunch:

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

Registration received after July 16, 2018 includes donuts, coffee, 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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