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 Gieszeg, 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 Hightboy.** 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
Continuing education credits have been approved as follows:

**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

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

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**Directions**

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**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:

OARDC/OSU

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Questions?  Contact Mary Wicks | wicks.14@osu.edu | 330.202.3533

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