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. Bill Trythall, Kalmbach Swine Management

Thank you!
To sponsor or exhibit click here or contact:
Mary Wicks
330.202.3533 | wicks.14@osu.edu
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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**Registration**

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

*For credit cards payment, register online: [go.osu.edu/msr2018](http://go.osu.edu/msr2018). Available until July 16.

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 = $_______

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**Directions**

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

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**Questions?** Contact Mary Wicks | [wicks.14@osu.edu](mailto:wicks.14@osu.edu) | 330.202.3533