



**August 3 & 4, 2016**

Molly Caren Ag Center  
Corner of SR 38 and US 42  
London, Ohio



## MANURE: RETURNING NUTRIENTS TO THEIR ROOTS

### Wednesday, August 3, 2016

- 9:00 am-3:30 pm **TOURS.** Choices: 1) Composting and nutrient management. 2) Dairy. 3) Beef.  
*Registration required. Cost \$20 includes transport, lunch, and afternoon demos.*
- 1:00 pm-3:30 pm **DEMONSTRATIONS.** Agitation chopper pumps and boats and solid/liquid separations  
*Registration requested. Transport from Manure Expo grounds. No cost.*
- 3:00 pm-8:00 pm **EXPO GROUNDS and TRADE SHOW OPEN.**
- 5:00 pm-7:30 pm **EDUCATIONAL SESSIONS.** Small farm manure management and cover crops.



### Thursday, August 4, 2016

- 7:30 am-6:00 pm **EXPO GROUNDS and TRADE SHOW OPEN.**
- 9:00 am-11:00 am **DEMONSTRATIONS.** Calibration, solid manure spreaders, compost turners.
- 11:00 am-1:00 pm **EDUCATIONAL SESSIONS.** Water quality, reducing P runoff, liquid manure, solid manure, manure safety and transport.
- 1:30 pm-3:00 pm **EDUCATIONAL SESSIONS.** Anaerobic digestion, new technologies, biosecurity.
- 3:00 pm-5:00 pm **DEMONSTRATIONS.** Smoking subsurface drainage tile, liquid manure application.

**80+ exhibitors, 38 seminars, 3 tours, equipment & technology demonstrations**

Program and registration details at: [www.manureexpo.org](http://www.manureexpo.org)

Hosted by:



Midwest Professional Nutrient  
Applicators Association

In cooperation with:



# North American Manure Expo

August 3 & 4, 2016

## AGENDA

First	Last	Session	Location	Title	Day	Time	
Amanda	Douridas	Tours	Meet at Expo Site	Dairy	3-Aug	9:00-12:00	
Amanda	Douridas			Beef	3-Aug	9:00-12:00	
Amanda	Douridas			Compost & Nutrient Management	3-Aug	9:00-12:00	
Glen	Arnold	Demo 1	Newport Dairy	Agitation	3-Aug	1:00-3:30	
Rory	Lewandowski	Cover Crops	Farm Credit Services Bldg #355	Cover Crops: Opportunities and Challenges	3-Aug	5:00-5:30	
Morgan	Hayes			Cover Crops and Nutrient Transport	3-Aug	5:30-6:00	
Matt	Trentman			Can Watershed-scale Cover Crops Reduce Nutrient Exp	3-Aug	6:00-6:30	
Alan	Sundermeir			Establishing Cover Crops	3-Aug	6:30-7:00	
Terry	Mescher	Small Farms	Association Bldg #577	Nutrient Management 101	3-Aug	5:00-5:30	
Sam	Custer			Side Dressing Corn with Manure - It's a Nutrient, Not a	3-Aug	5:30-6:00	
Terry	Mescher			In-place Irrigation with Waste Water	3-Aug	6:00-6:30	
Les	Ober			Manure & Nutrient Management for the Horse Owner	3-Aug	6:30-7:00	
Jocelyn	Henderson			Regulations: Protecting the Environment and Food	3-Aug	7:00-7:30	
Jeremy	Puck	Prof. Applicators	Walters Bldg #733	Manure Pump School	3-Aug	5:30-7:00	
Glen	Arnold			Using Frac Tanks for Liquid Manure Application	3-Aug	7:00-7:30	
Amanda	Douridas	Demo 2	Shuttle to Demos @ Morton Bldg #513	Solid application: Calibrating Solid Manure Spreaders	4-Aug	9:00-9:30	
Glen	Arnold			Solid application	4-Aug	9:30-11:00	
Dan	Anderson	Liquid Manure Handling and Application	Farm Credit Services Bldg #355	Swine Pit Foaming: Reducing the Risk and Staying Safe	4-Aug	11:00-11:30	
Al	Heber			Effect of Pit Additives on Odor and Gas Emissions	4-Aug	11:30-12:00	
Glen	Arnold			Side Dressing Corn and Wheat with Liquid Manure	4-Aug	12:00-12:30	
Tom	Fry						
Megan	Dresbach			Economics of Transporting Liquid Manure	4-Aug	12:30-1:00	
Nate	Andre						
Greg	LaBarge	Reducing Phosphorus Runoff	Wick Bldg #483	Dissolved Reactive P	4-Aug	11:00-11:30	
Harold	Watters			P Availability and Movement	4-Aug	11:30-12:00	
Laura	Johnson			Findings from Watershed Monitoring	4-Aug	12:00-12:30	
Greg	Labarge			Results from Edge of Field Studies	4-Aug	12:30-1:00	
Dee	Jepsen	Manure Safety & Transport	Cleary Bldg 626	Risk or Myth? Understanding the Common Safety Hazar	4-Aug	11:00-11:30	
Jeremy	Puck			Dragline Systems Operation: Safety	4-Aug	11:30-12:00	
Kevin	Erb			Preserving and Protecting Rural Roads: Proactive Steps	4-Aug	12:00-12:30	
Robert	Moore			Manure transport: Liability and Rules of the Road	4-Aug	12:30-1:00	
Matt	VanTilburg	Solid Manure Handling and Application	Walters Bldg #733	Brokering Poultry Litter	4-Aug	11:00-11:30	
Tim	Wood						
Mitch	Bambauer			Composting - Creating the Gardener's Gold	4-Aug	11:30-12:00	
Tim	Sigrist			Solid/Liquid Separation for Bedding and Irrigation	4-Aug	12:00-12:30	
Chris	Weaver			Water Recycling to Reduce Manure Volume and Concer	4-Aug	12:30-1:00	
Invited							
Kevin	Elder	Water Quality Initatives & Regulations	Association Bldg #577	Why Regulations?	4-Aug	11:00-11:30	
Peggy	Kirk Hall			Lessons Learned from Washington and Iowa Litigation	4-Aug	11:30-12:00	
Wilmer	Stoneman			Chesapeake Bay Watershed: Lessons Learned and Ongo	4-Aug	12:00-12:30	
Joe	Kelpinski			MAEAP Program Overview	4-Aug	12:30-1:00	
Norma	McDonald	Anaerobic Digestion	Association Bldg #577	Anaerobic Digestion: Opportunies and Challenges	4-Aug	1:30-2:00	
Chris	Weaver			On-farm Digester: Bridgewater Dairy	4-Aug	2:00-2:30	
Jason	Wening			On-farm Digester: Wening Poultry	4-Aug	2:30-3:00	
John	Barker	New Technologies	Wick Bldg #483	OnMRK: App for Nutrient Management Record Keeping	4-Aug	1:30-2:00	
Joseph	Ziobro			EPA Nutrient Recovery Challenge-Innovation in Nutrient	4-Aug	2:00-2:30	
Eric	Romich			Solar Energy in Agriculture: Considerations for Investing	4-Aug	2:30-3:00	
Tony	Forshey	Biosecurity Procedures	Farm Credit Services Bldg #355	Biosecurity Procedures	4-Aug	1:30-2:00	
Bill	Knapke			Biosecurity Measures at Cooper Farms	4-Aug	2:00-2:30	
Frank	Gibbs	Demo 3	Shuttle to Demos @ Morton Bldg #513	Liquid Application: Smoking Subsurface Tile Drainage	4-Aug	3:00-3:30	
Glen	Arnold			Liquid Application Equipment Demonstrations	4-Aug		