Day 1  March 7

(Amanda Douridas - OSUE CCA Floater & Sam Mullins - ODA CLM Floater)

GENERAL SESSION  Room A, Sponsored by Farm Science Review

Moderators: Mark Badertscher, Jeff Stachler, Suzanne Mills-Wasniak

9:00 Welcome and Awards (Randall Reeder)
Ohio Farmer magazine: Master Farmers of the Year
Ohio Certified Crop Advisers: CCA of the Year

9:30 Keynote Speaker (Paul Jasa, Ag. Engineer, U. of Nebraska):
Systems Approach to No-till and Soil Health
(#1 – ODA CLM 0.5 CEUs)

10:15 Break
Chapel: Advanced Cover Crops (Alan Sundermeier and Jim Hoorman)  
Sponsored by Ag Credit

Moderators: Jim Hoorman, Flo Chirra, Bro. Nick Renner, Alan Sundermeier, Denny Riethman

8:00  Soil classification changes due to soil health practices  SW  
Don McClure, NRCS, retired

8:30  Selecting & Managing short season crop hybrids for cover crop planting CM  
Peter Thomison, OSU Extension Corn Specialist  
(#2 – ODA CLM 1.0 CEUs)

9:30  General session (remote from Room A) Keynote by Paul Jasa  
(#1 – ODA CLM 0.5 CEUs)

10:15  Break

10:30  Managing vole pests in cover crop residue  PM  
Dave Brandt, no-till farmer; and Alan Sundermeier, OSU

11:00  NRCS soil health standards and recommendations  SW  
Jim Hoorman, USDA-NRCS  
(#3 – ODA CLM 0.5 CEUs)

11:30  Lunch

12:45  Evaluating Cropping systems with cover crop resources  CM  
Anna Morrow, Midwest Cover Crop Council  
(#4 – ODA CLM 0.5 CEUs)

1:15  Innovative cover crop interseeder technology  CM  
Alex Lindsey, OSU; and Ryan Hayden, OSU-ATI

1:45  Soil Health and cover crop Economics  CM  
Rodney Rulon, no-till farmer, Indiana; and Jim Hoorman, USDA-NRCS  
(#5 – ODA CLM 1.0 CEUs)

2:45  Break

3:05  Correcting tillage effects with cover crops  SW  
Paul Jasa, U. of Nebraska  
(#6 – ODA CLM 0.5 CEUs)
3:35 Slug management recommendations in no-till and cover crop systems  PM
Kelley Tilmon, OSU Extension Entomologist

4:05 Novel cover crop practices to manage soil degradation, Farmer Panel  SW  Sarah Noggle, OSU, plus farmers  ????
(#7 – ODA CLM 1.0 CEUs)

5:05 adjourn
Room A: Corn University  (Peter Thomison)  Sponsored by DeKalb/Asgrow

Moderators: Bruce Clevenger, Gary Wilson, Eric Richer, Mike Gastier, Suzanne Mills-Wasniak

10:30 Equipment Considerations for No-till Corn
   Paul Jasa, Ag. Engineer, University of Nebraska

11:30 The New Era in Weed Control
   Rod Stevenson, DeKalb/Asgrow  Xtend Crop System

12:00 Lunch

1:15 Managing Pests with Mother Nature
   Jonathan Lundgren, Agroecologist & Entomologist, Blue Dasher Farm, S. Dakota

2:15 Aiming for a Perfect Ear
   Roger Elmore, University of Nebraska

3:15 Break

3:35 Variable Rate Technology for Corn Management
   Emerson Nafziger, University of Illinois

4:35 Taking a Second Look at Narrow Row Corn
   Peter Thomison, OSU Extension Specialist

5:05 Q&A Discussion with the speakers

5:35 Adjourn
Room B: Manure Nutrient Management  (Glen Arnold & Amanda Douridas)
Sponsored By AgXplore International

Moderators: Debbie Brown, Sam Custer, Mark Badertscher, Wayne Dellinger

10:30  Drag hose manure plots/OARDC plots & availability of toolbars for farmers for the 2017 crop season
Sam Custer, OSU Extension, and Glen Arnold, OSU Extension
(#8 – ODA CLM 1.0 CEUs)

11:30  Dairy & Beef manure plot results from 2016
Eric Richer, OSU Extension
(#9 – ODA CLM 0.5 CEUs)

12:00  Poultry Manure-From Farm to Field
Mike Cook, Innovative Ag Management
(#10 – ODA CLM 0.5 CEUs)

12:30  Lunch

1:45  Common mistakes made with livestock manure application
Kevin Elder, ODA
(#11 – ODA CLM 0.5 CEUs)

Eric Dresbach
(#12 – ODA CLM 0.5 CEUs)

2:45  What to expect with ODA inspections
Dan Bruner, ODA
(#13 – ODA CLM 0.5 CEUs)

3:15  Break

3:35  Balancing for soil nutrients when using manure
Francis Springer, ODA
(#14 – ODA CLM 0.5 CEUs)

4:05  Stratification of Phosphorus in the Western Lake Erie Soils & Phosphorus Loading in the Western Basin
David Baker, Heidelberg University
(#15 – ODA CLM 0.5 CEUs)

4:35  Nitrogen management when using livestock manure
Jim Camberato, Purdue
(#16 – ODA CLM 1.0 CEUs)
Room C: **Technologies to Support On-Farm Decisions**  (John Fulton)

Moderators: John Fulton, Kent McGuire, Jeff Stachler, Vinayak Shedekar, Amanda Bennett

10:30:  APPs to help with Nutrient Management in Ohio  
  Kaylee Port, OSU & OSU Apps, and  
  Jordan Hoewischer, Ohio Farm Bureau & ONMRK App  
  (#17 – ODA CLM 0.5 CEUs)

11:15:  The Implications of on-farm APP=s by John Deere  
  Jay Witkop and Nathan Jenkins, John Deere

11:45:  Using technology to setup and conduct on-farm research  
  Ryan Oehler, Ag Leader Technology

12:15:  Lunch

1:30:   Tips, Tricks, Trials and Tribulations of On-Farm Nutrient Research  
  Josh McGrath, U. of Kentucky

2:30:   Setting up and conducting on-farm studies  
  Mike Hannewald, Beck=s Hybrids,

3:00:   On-farm research and data collection to support  
  Elizabeth Hawkins, OSUE  
  (#18 – ODA CLM 0.5 CEUs)

3:30:   Break

3:50:   Conducting on-farm research: setup, protocol and results  
  Steve Culman, OSU Extension Nutrient Specialist

4:20:   Identifying drainage tiles with drones  
  Rob Freelard, U. of Tennessee, and Barry Allred, USDA-ARS

5:00:   Imagery for decision making  
  Nate Taylor, AerOptic

5:30   Adjourn
Day 2    March 8

(Amanda Douridas - OSUE CCA Floater & Sam Mullins - ODA CLM Floater)

Chapel: **Quantifying soil health** (Steve Culman and Rafiq Islam)

*Sponsored by Ag Credit*

Moderators: Jim Hoorman, Gary Wilson, Alan Sundermeier, Mary Griffith, Wayne Dellinger

8:00   OSU soil health initiative, management resources   SW
       Alan Sundermeier, OSU Ext., and Vinayak Shedekear, OSU South Centers

(#19 – ODA CLM 0.5 CEUs)

8:30   Overview of commercial soil health tests   NM
       Steve Culman, OSU Soil Fertility

(#20 – ODA CLM 0.5 CEUs)

9:00   Soil balance relationships, Ca/Mg ratios   SW
       Vijay Chaganti, OSU

(#21 – ODA CLM 0.5 CEUs)

9:30   Break

9:50   Corn N rates and soil N uptake measurements   NM
       Steve Culman

(#22 – ODA CLM 0.5 CEUs)

10:20  OSU soil health assessment package   SW
       Rafiq Islam, OSU Soil Scientist, South Centers

(#23 – ODA CLM 0.5 CEUs)

10:50  Beneficial microbes and soil-plant microbiomes   SW
       Ye Xia, OSU

(#24 – ODA CLM 0.5 CEUs)

11:30 Lunch

12:45  The livestock under your feet: Managing soil microbes for soil quality and plant health.   SW
       Shawn Lucas

(#25 – ODA CLM 1.0 CEUs)
1:45  Farms and pollinators: why farmers should care about the bees  PM  
Jonathan Lundgren, Agroecologist, Blue Dasher Farm Initiative, South Dakota

2:45  Break

3:05  Soluble reactive phosphorus; soil sorption, storage, and release  NM  
Rafiq Islam  
(#26 – ODA CLM 0.5 CEUs)

3:35  How cover crop mixtures enhance mycorrhizae colonization  SW  
Jay Brandt, Walnut Creek Seeds; and Jim Hoorman, USDA-NRCS  
(#27 – ODA CLM 0.5 CEUs)

4:05  NRCS soil health policy update  SW  
Jim Hoorman, USDA-NRCS  
(#28 – ODA CLM 0.5 CEUs)

4:35  Adjourn
Room A: Soybean School (Harold Watters)
Sponsored by Seed Consultants

Moderators: Harold Watters, Bruce Clevenger, Jeff Stachler, Mark Badertscher, Curtis Young

“The Profitability & Economics of Soybean Production in 2017"

8:30  Does fertilizer nitrogen make high soybean yields even higher?
      Emerson Nafziger, Agronomist, University of Illinois

9:30  What inputs have the greatest ROI in a low margin year?
      Shawn P. Conley, Soybean Specialist, U. of Wisconsin

10:30 Break

10:45 Soybean vs. Corn Profitability & the Future of Midwest Crop Acres,
      Matt Roberts, Agricultural Economist, KernMantle Group

11:45 Lunch

1:00  Weed Management for Soybeans in 2017
      Mark Loux, OSU Weed Scientist

2:00  Soybean Profitability: Autopilot or Manual Drive
      Shaun Casteel, Soybean Agronomist, Purdue U.

3:00 Break

3:20  What's Holding You Back From High Yielding Soybeans?
      Laura Lindsey, Soybean Specialist, OSU

4:20  Adjourn
Room B:

Conducting On farm Research: Does it Really Work? (half day); (Curtis Young and Bruce Clevenger)

Moderators: Kaylee Port, John Fulton, Flo Chirra, Vinayak Shedekar, Kent McGuire

8:00  The nuts and bolts of on-farm research on N rates and plant population.
     Jim Camberato, Purdue

9:00  Sorting through the Numbers: Science versus Sales?
     Elizabeth Hawkins, OSU

10:00 Break

10:20  On-farm research: Follow the K.I.S.S. rule
       Curtis Young

10:50  Conducting on-farm research: setup, protocol and results
       Steve Culman, OSU Extension Nutrient Specialist

12:00 Lunch

Transitioning to No-till

Moderators: Kaylee Port, John Fulton, Flo Chirra, Vinayak Shedekar, Kent McGuire

1:15  Transitioning to no-till: Farmer/CCA Panel
     Dave Brandt, Bill Richards, Bret Margraf, Bill Lehmkuhl

2:45  Weed management and weed population changes when transitioning from conventional tillage to no-till
     Jeff Stachler, OSU

3:15  Break

3:35  Changes in insect issues in no-till
     Curtis Young, OSU

4:05  Fertility management from conventional tillage to no-till
     Ed Lentz, OSU

(#29 – ODA CLM 0.5 CEUs)

4:35  Adjourn
Room C: Conservation Assessment and Planning (Greg LaBarge and Jocelyn Henderson) Sponsored by The Nature Conservancy

Moderators: Jocelyn Henderson, Glen Arnold, Mary Wicks, Jason Hartschuh

8:30  Results of Edge of Field Research  
Kevin King, USDA-ARS  
(#30 – ODA CLM 0.5 CEUs)

9:00  Benefits of Drainage Water Management  
Lindsay Pease, USDA-ARS  
(#31 – ODA CLM 0.5 CEUs)

9:30  Phosphorous movement as it relates to soil stratification  
Emily Duncan, USDA-ARS  
(#32 – ODA CLM 0.5 CEUs)

10:00  Tile Mapping with UAVs  
Barry Allred, USDA-ARS

10:30  Break

10:50  Providing NRCS Planning Service as an Independent Contractor, the TSP program  
Eric Schwab, USDA-NRCS

11:20  What the Revised P index will look like  
Libby Dayton, OSU  
(#33 – ODA CLM 0.5 CEUs)

11:50  Using an NMP to identify practice priorities  
Greg LaBarge, OSU  
(#34 – ODA CLM 0.5 CEUs)

12:20  Lunch

1:30  Conservation Best Management Practices  
Justin McBride, ODA  
(#35 – ODA CLM 0.5 CEUs)

2:00  Conservation Assistance Programs  
Megan Burgess, USDA-NRCS

2:30  Using Ag Solver=s Profit Zone Manager to focus on Conservation  
Michael Retterer, Pheasants Forever

3:00  Break
3:20  Nutrient Application Regulations: Focusing on SB1 and SB 150
Jocelyn Henderson and Kip Studer, ODA-DSWC
(#36 – ODA CLM 1.0 CEUs)

4:20  Adjourn