Day 1 Tuesday, March 7, 2017 - Rooms A, B and C

CEUs Approved

Nutrient Management: 5.5  
Soil & Water Management: 2  
Integrated Pest Management: 1.5  
Crop Management: 7.5  
Professional Development: 0  
Manure Management: 0  
Total: 16.5

Room A
Session 1  (General Session. Keynote speaker)

Title: Mar7, Rm A - Systems Approach to No Till and Soil Health  
Crop CEU Area: Innovations in cropping systems management  
CEUs requested: 0.5  
Summary: Paul will discuss systems to no till and soil health  
Date #1: 2017-03-07  
Time: 09:30 AM to 10:15 AM  
Location: Macintosh Center, Ohio Northern University  
Speaker(s): Paul Jasa  
Speaker Background(s): Ag Engineer, University of Nebraska

Session 2

Title: Mar7, Rm A - Equipment Considerations for No Till Corn  
Crop CEU Area: Innovations in cropping systems management  
CEUs requested: 1  
Summary: Paul will discuss equipment needs for no till corn  
Date #1: 2017-03-07  
Time: 10:30 AM to 11:30 AM  
Location: Macintosh Center, Ohio Northern University  
Speaker(s): Paul Jasa  
Speaker Background(s): Ag Engineer, University of Nebraska
Session 3

Title: Mar7, Rm A - New Era in Weed Control
Integrated Pest CEU Area: Novel pest control agents and strategies
CEUs requested: 0.5
Summary: Rod will discuss weed management with new technology
Date #1: 2017-03-07
Time: 11:30 AM to 12:00 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Rod Stevenson
Speaker Background(s): Monsanto agronomist

Session 4

Title: Mar7, Rm A - Managing Pests with Mother Nature
Integrated Pest CEU Area: Novel pest control agents and strategies
CEUs requested: 1
Summary: Jon will discuss novel ways of managing pests in corn
Date #1: 2017-03-07
Time: 01:15 PM to 02:15 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Jon Lundgren
Speaker Background(s): Agroecologist & Entomologist, Blue Dasher Farm

Session 5

Title: Mar7, Rm A - Aiming for a Perfect Ear
Crop CEU Area: Crop physiology in relation to crop management decision making
CEUs requested: 1
Summary: Roger will discuss factors in determining the perfect corn crop
Date #1: 2017-03-07
Time: 02:15 PM to 03:15 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Roger Elmore
Speaker Background(s): Agronomist University of Nebraska
Session 6

Title: Mar7, Rm A - Variable Rate Technology for Corn Management
Crop CEU Area: Integrating soil, climate, and crop data in crop management systems
CEUs requested: 1
Summary: Emerson will discuss factors in variable rate corn production
Date #1: 2017-03-07
Time: 03:35 PM to 04:35 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Emerson Nafziger
Speaker Background(s): Agronomist University of Illinois

Session 7

Title: Mar7, Rm A - Taking a Second Look at Narrow Row Corn
Crop CEU Area: Innovations in cropping systems management
CEUs requested: 0.5
Summary: Peter will discuss recent narrow row corn work
Date #1: 2017-03-07
Time: 04:35 PM to 05:05 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Peter Thomison
Speaker Background(s): Agronomist Ohio State University

Room B
Session 8

Title: Mar7, Rm B - Drag Hose Manure Plots & Availability of Toolbars
Nutrient CEU Area: Field application methods
CEUs requested: 1
Summary: Sam & Glen will discuss in crop application of manure
Date #1: 2017-03-07
Time: 10:30 AM to 11:30 AM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Sam Custer, Glen Arnold
Speaker Background(s): Extension educator, Ohio State University Manure Specialist Ohio State University
Session 9

Title: Mar7, Rm B - Dairy & Beef Manure Plot Results 2016  
Nutrient CEU Area: Field application methods  
CEUs requested: 1  
Summary: Eric will discuss results of manure application trials in 2016  
Date #1: 2017-03-07  
Time: 11:30 AM to 12:00 PM  
Location: Macintosh Center, Ohio Northern University  
Speaker(s): Eric Richer  
Speaker Background(s): Extension educator, Ohio State University

Session 10

Title: Mar7, Rm B - Poultry Manure; from Farm to Field  
Nutrient CEU Area: Field application methods  
CEUs requested: 0.5  
Summary: Mike will discuss poultry manure applications  
Date #1: 2017-03-07  
Time: 12:00 PM to 12:30 PM  
Location: Macintosh Center, Ohio Northern University  
Speaker(s): Mike Cook  
Speaker Background(s): Agronomist Innovative Ag Management

Session 11

Title: Mar7, Rm B - Common Mistakes with Livestock Manure Applications  
Soil CEU Area: State and federal air and water-quality standards and regulations  
CEUs requested: 0.5  
Summary: Kevin will discuss common mistakes he has seen with manure applications  
Date #1: 2017-03-07  
Time: 01:45 PM to 02:15 PM  
Location: Macintosh Center, Ohio Northern University  
Speaker(s): Kevin Elder  
Speaker Background(s): Livestock Permitting manager Ohio Department of Agriculture
Session 12

Title: Mar7, Rm B - Building Relationships: Applicator, Producer and Crop Farmer
Soil CEU Area: State and federal air and water-quality standards and regulations
CEUs requested: 0.5
Summary: Eric will discuss the importance of relationships in manure application
Date #1: 2017-03-07
Time: 02:15 PM to 02:45 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Eric Dresbach
Speaker Background(s): Livestock permitting section Ohio Department of Agriculture

Session 13

Title: Mar7, Rm B - What to Expect with ODA Inspections
Soil CEU Area: State and federal air and water-quality standards and regulations
CEUs requested: 0.5
Summary: Dan will discuss regulator expectations when applying manure
Date #1: 2017-03-07
Time: 02:45 PM to 03:15 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Dan Bruner
Speaker Background(s): Livestock permitting, Ohio Department of Agriculture

Session 14

Title: Mar7, Rm B - Balancing for Soil Nutrients When Using Manure
Nutrient CEU Area: Nutrient management planning
CEUs requested: 0.5
Summary: Francis will discuss nutrient balancing when using manure
Date #1: 2017-03-07
Time: 03:35 PM to 04:05 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Francis Springer
Speaker Background(s): Livestock permitting, Ohio Department of Agriculture
Session 15

Title: Mar7, Rm B - Stratification of Phosphorus in Western Lake Erie Soils
Soil CEU Area: Water, nutrient, and chemical movement off-site
CEUs requested: 0.5
Summary: David will discuss soil sampling to determine nutrient stratification and its impact on Lake Erie
Date #1: 2017-03-07
Time: 04:05 PM to 04:35 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): David Baker
Speaker Background(s): retired water quality specialist, Heidelberg University

Session 16

Title: Mar7, Rm B - Nitrogen Management When Using Livestock Manure
Nutrient CEU Area: Integrating nutrient management between crop and animal systems
CEUs requested: 1
Summary: Jim will discuss balancing nutrients for nitrogen management
Date #1: 2017-03-07
Time: 04:35 PM to 05:35 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Jim Camberato
Speaker Background(s): Agronomist Purdue University

Room C
Session 17

Title: Mar7, Rm C - Apps to Help with Nutrient Management
Nutrient CEU Area: Advances in equipment technology and calibration methods
CEUs requested: 0.5
Summary: Kaylee will discuss application aids to nutrient management
Date #1: 2017-03-07
Time: 10:30 AM to 11:15 AM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Kaylee Port
Speaker Background(s): Ag engineer Ohio State University
Session 18

Title: Mar7, Rm C - The Implications of On-Farm Apps by John Deere  
Crop CEU Area: Precision ag equipment  
CEUs requested: 0.5  
Summary: Jay & Nathan will discuss using apps in crop production  
Date #1: 2017-03-07  
Time: 11:15 AM to 11:45 AM  
Location: Macintosh Center, Ohio Northern University  
Speaker(s): Jay Witkop, Nathan Jenkins  
Speaker Background(s): agronomists with John Deere

Session 19

Title: Mar 7, Rm C - Using Technology to Setup and Conduct On-Farm Research  
Crop CEU Area: Precision ag equipment  
CEUs requested: 0.5  
Summary: Ryan will discuss using apps to set up on-farm trials  
Date #1: 2017-03-07  
Time: 11:45 AM to 12:15 PM  
Location: Macintosh Center, Ohio Northern University  
Speaker(s): Ryan Oehler  
Speaker Background(s): agronomist Ag Leader

Session 20

Title: Mar7, Rm C - Tips, Tricks, Trials and Tribulations of On-Farm Nutrient Research  
Nutrient CEU Area: Designing, conducting, and interpreting results of experimental trials  
CEUs requested: 1  
Summary: Josh will discuss ways for growers to improve on-farm nutrient management research  
Date #1: 2017-03-07  
Time: 01:30 PM to 02:30 PM  
Location: Macintosh Center, Ohio Northern University  
Speaker(s): Josh McGrath  
Speaker Background(s): agronomist University of Kentucky
Session 21

Title: Mar7, Rm C - Setting Up and Conducting On-Farm Studies
Crop CEU Area: Integrating soil, climate, and crop data in crop management systems
CEUs requested: 0.5
Summary: Mike will discuss how to set up and conduct on-farm trials
Date #1: 2017-03-07
Time: 02:30 PM to 03:00 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Mike Hannewald
Speaker Background(s): agronomist with Beck’s Hybrids

Session 22

Title: Mar7, Rm C - On-Farm Research and Data Collection
Crop CEU Area: Use of precision ag technology
CEUs requested: 0.5
Summary: Elizabeth will discuss preparing for and collecting good data
Date #1: 2017-03-07
Time: 03:00 PM to 03:30 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Elizabeth Hawkins
Speaker Background(s): agronomist Ohio State University

Session 23

Title: Mar7, Rm C - Conducting On-Farm Research: Setup, Protocols and Results
Crop CEU Area: Integrating soil, climate, and crop data in crop management systems
CEUs requested: 0.5
Summary: Steve will discuss following a plan to achieve good results
Date #1: 2017-03-07
Time: 03:50 PM to 04:20 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Steve Culman
Speaker Background(s): state nutrient management specialist, Ohio State University
Session 24

Title: Mar7, Rm C - Identifying Drainage Tiles with Drones
Crop CEU Area: Precision ag equipment
CEUs requested: 0.5
Summary: Rob and Barry will show results of research to use drones to determine tile line location
Date #1: 2017-03-07
Time: 04:20 PM to 05:00 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Rob Freeland, Barry Allred
Speaker Background(s): ag engineer University of Tennessee, agronomist USDA ARS

Session 25

Title: Mar7, Rm C - Imagery for Decision Making
Crop CEU Area: Innovations in cropping systems management
CEUs requested: 0.5
Summary: Nate will discuss use of aerial imagery in crop management decisions
Date #1: 2017-03-07
Time: 05:00 PM to 05:30 PM
Location: Macintosh Center, Ohio Northern University
Speaker(s): Nate Taylor
Speaker Background(s): ag engineer with AerOptic