TUESDAY, MARCH 5

(Note: Cover Crops concurrent session in Chapel, starting at 8:00)

Room A  General Session (video link to Room B and Chapel)

(Sponsored by John Deere)

(Assistants: Gary Wilson, Adam Shepard, Debbie Brown)

9:30  Welcome
    Randall Reeder, OSU Ext. Ag. Engineer (retired)

9:35  Thriving in times of extreme weather patterns
    Jerry Hatfield, USDA-ARS, Ames, Iowa

10:15  Ohio CCA Award presentation (Ohio CCA President Tim Berning)
    Ohio Master Farmer Awards (Tim White, Ohio Farmer magazine)

10:45  Move to Concurrent sessions

Room A  Corn University -  Sponsored by Dekalb/Asgrow

Moderator: Peter Thomison  (Assistants: Kent McGuire, Adam Shepard, Debbie Brown)

11:00  Seeding rates for maximum yield
Emerson Nafziger, U. of Illinois

12:00 Lunch
1:15 Planter set-up for maximum yields
    Paul Jasa, U. of Nebraska

2:15 The 2012 growing season and new tools for managing drought
    Peter Thomison, OSU

3:15 Break
3:35 On-Farm Research: Nuts, Bolts and other Practical Issues
    Bob Nielsen, Purdue

5:05 Q&A Discussion with all 4 speakers
5:35 Adjourn
Tuesday     Room B

Moderators: Gary Wilson, John Smith, Greg LaBarge

11:00  Fitting together the pieces of the Agronomic Puzzle for Extreme Weather
       Presentation by Jerry Hatfield
       Reaction and discussion: Bruce Clevenger, Alan Sundermeier, David Brandt, and
       Joe Nester

12:15    LUNCH

Advanced Scouting Techniques

Moderators: Harold Watters, Gary Wilson, John Smith, Greg LaBarge

1:30    Identifying stress in corn and how to plan for 2013,
       Jonah Johnson, Pioneer Agronomist

2:00    Corn nematode survey of NW Ohio
       Greg LaBarge, Extension Field Agronomist and
       Alan Sundermeier, OSU Extension AgNR Educator, Wood County

2:30    Using gypsum to improve soil quality and water infiltration rates
       Joe Nester, Nester Ag Management, Bryan, OH

3:00    4r Retailer Third Party Certification
       Doug Busdecker, The Andersons; and John Oster, Morral Companies
3:30 Break

3:45 Can you CNMP?
    Mark Wilson, owner and consultant, Land Stewards Inc.

4:15 There’s an App for that
    Justin Petrosino, Agronomist, Stewart’s Seeds

4:45 First Detector Training
    Amy Stone, OSU Extension, AgNR Educator, Lucas County

5:15 First Detector Updates
    Amy Stone

5:45 Adjourn
Moderators: Jim Hoorman, Alan Sundermeier, and Bro. Nick Renner

Note: Certified Livestock Manager (CLM) recertification is available for ALL topics in this session.

8:00 Using Annual Ryegrass and Legumes to Decrease Fertilizer Application and Increase Corn Yields
   Mike Plumer, U. of Illinois

8:30 Soil demo: the Value of Cover Crops and other Conservation Practices
   Mark Scarpitti, NRCS Ohio

9:00 Improving Crop Production and Nutrient Management with Cover Crops
   Alan Sunderlandeier, OSU

9:30 Break

9:35 (General session, Room A) Dr. Jerry Hatfield

11:00 A Midwest Strategy for Soil Health and Water Quality
   Barry Fisher, NRCS Indiana

11:30 Lunch

Moderators: Jim Hoorman, Florian Chirra, and Bro. Nick Renner

12:45 Biological Soil Testing
   Dr. Rick Haney (by webinar)

1:45 Multi-Species Cover Crop Nitrogen Effects on Corn Yields
   David Brandt

2:15 Continuous Improvement in Soils with Cover Crops and the Effects on Crop Production Efficiency
   Dr. Jerry Hatfield

2:45 Break
3:00  Mixed Cover Crop Effects on No-till Soil Properties
      Rafiq Islam, Ekrem Aksakal, and David Brandt

3:30  Farmer Panel – New and Established Cover Crop Farmers
      David Brandt, Jeff Duling, and ??

4:30  Rhizosphere Effects on Improving Soil and Water
      George Derringer, NRCS

5:00  Using Cover Crops to Adapt to Extreme Weather Events
      Jim Hoorman

5:30  Adjourn

5:30-7:30 Farmer cover crop networking meeting in The Inn at ONU
      (moderated and hosted by CTIC)
      (The Ohio No-till Council will meet, ~7:00-9:00 in the Boardroom)
Room C  Nutrient Management

Sponsored by Gypsoil

Note: Certified Livestock Manager (CLM) recertification is available for ALL topics

Moderators: Glen Arnold, Amanda (Meddles) Douridas,
11:00  Rating the value of Micronutrients
       Ed Lentz, OSU Extension
11:30  Nutrient Management with Cover Crops
       Harold Watters, OSU Extension

12:00  The 7 R’s (not just 4 ) of Nutrient Management
       Jim Boak, Salford
12:30  Lunch

1:45  Smart tools for better nutrient management
       Amanda Douridas, OSU Extension

2:15  Agronomic Nutrient Management I: Soil Sampling/Test Interpretation
       John Grove, U. of Kentucky
3:15  Break

3:35  Techniques to improve Nitrogen Management
       James Camberato, Purdue U.

4:35  Agronomic Nutrient Management II: Plant Tissue Sampling/Analysis Interpretation.
       John Grove, U. of Kentucky

5:35  Adjourn
Wednesday, March 6  (four concurrent sessions)

Room A  Soybean School  -  Sponsored by  Pioneer and Seed Consultants

Moderators: Harold Watters;  Gary Wilson, Adam Shepard

8:30  Soybeans and Drought: Real Resistance or Just Luck?
     Emerson Nafziger, Crop Production Ext. Specialist, U. of Illinois

9:30  Breeder x Agronomist Interactions: Exploiting Synergies to Push Soybean Yield
     Shawn Conley, Soybean and Wheat Ext. Specialist, U. of Wisconsin

10:30  Break

10:45  The role soybean seeding rates play in Integrated Weed Management to combat resistance?
     Vince Davis, Cropping Systems Weed Scientist and Extension Specialist, Dept. of Agronomy, U. of Wisconsin

11:45  Lunch

Moderators: Harold Watters; Eric Richer, Gene McCluer

1:00  2013 Ohio Soybean Production Guidelines
     Laura Lindsey, Soybean & Small Grain Specialist, Hort. & Crop Science Dept, OSU

2:00  SCN Scouting, Disease Interactions, and Management
     Terry Niblack, Professor and Chair, Plant Pathology & Nematology, OSU
3:00  Break

3:20  Late Season Insects Might be Stealing Yield
     Ron Hammond, OSU/OARDC Extension Entomology

3:50  The Latest on Soybean Fertility
     Laura Lindsey

4:20  Adjourn
Room B  WEDNESDAY  Nutrient Management

Sponsored by Gypsoil

Note: Certified Livestock Manager (CLM) recertification is available for all except the last (gypsum) topic.

Moderators: Glen Arnold and Amanda Meddles, Florian Chirra

8:30 Systems approach to Cover Crops
    Steve Prochaska, OSU Extension

9:00 Manure Injection Research in PA
    Robert Meinen, Penn State U.

10:00 Break

10:20 Manure Storage Safety Guidance for Managers and Workers
    Robert Meinen, Penn State U.

10:50 Precision Application of Swine Manure in growing Corn
    Glen Arnold, OSU Extension

11:45 Lunch

Moderators: Glen Arnold and Amanda Meddles, Ted Wiseman

1:00 Tillage and Nutrient Management Systems for Improved Drought Tolerance
    Tony Vyn, Purdue
2:00  What is Ohio Agriculture waiting for? Drainage Water Management and Bioreactor Technologies Available Now
       Larry Brown, OSU
2:30  Where is Nutrient Management headed in Ohio? (Open forum discussion)
       Larry Brown, Greg LaBarge, Glen Arnold

3:00  Break
3:20  Gypsum as a Source of Sulfur for Improved Crop Performance
       Warren Dick, School of Natural Resources and Environment, OSU-OARDC
4:20  Adjourn
Room      CHAPEL      WEDNESDAY      Water Quality (and extreme weather)

Note: Certified Livestock Manager (CLM) recertification is available for the 8:30 talk, and all topics from 11:20 to 4:20.

Moderators: Jim Hoorman, Bruce Clevenger, Jim Lopshire

8:30     Cover Crops and Water Quality
         Mike Plumer, U. of Illinois

9:00     Survey Data: Farmer Perceptions of Extreme Weather Events
         Bruce Clevenger

9:30     How Weather Affects Agricultural Production
         Alan Sundermeier

10:00    Climate Change and 21st Century Agriculture
         Rafiq Islam

10:30 Break

10:50    Adapting Agriculture and Cropping Practices to Extreme Weather
         Jim Hoorman

11:20    Tillage and N management for improved air and soil quality in corn production
         Tony Vyn, Purdue

11:50    Water Quality: Why we need 4 R’s and more
         Kevin Elder, Ohio Dep’t of Agriculture

12:20 Lunch

Moderators: Jim Hoorman, Alan Sundermeier, Bro. Nick Renner, Curtis Young
1:30  Phosphorus and Water Quality (1.5 SW)
    N and P Movement through runoff and tile
        Dr. Kevin King, USDA-ARS, Columbus, OH
    P Research and P-Index Models
        Dr. Libby Dayton, OSU

3:00  Break

3:20  Denitrifying bioreactors for nitrate removal from tile drainage
        Ehsan Ghane, Ph.D. student, OSU Ag. Engineering

3:50  Yield increases from controlled drainage
        Norm Fausey, USDA-ARS, Columbus, OH

4:20  Adjourn
Room C  WEDNESDAY (morning)  No-till, strip-till and soil quality

Sponsored by: FHR Nutrient Management

Note: Certified Livestock Manager (CLM) recertification is available for the 10:45 talk only.

Moderators: Mike Gastier, Eric Richer, Curtis Young

8:30  Planter Adjustment for peak performance
      Bill Lehmkuhl, Precision Agri-Services, Minster, OH

9:30  Strip Tillage: A Conservation Option for Heavy, Cold Soils
      Jodi DeJong-Hughes, Extension Specialist, U. of Minnesota

10:30  Break

10:45  Soil Quality demo; the Value of Conservation Practices
      Mark Scarpitti, NRCS

11:15  Controlled traffic and compaction
      Randall Reeder and Rafiq Islam

11:45  Fuel costs for tillage
      Barry Ward, OSU Ag Econ.

12:15  LUNCH

Room C  Wednesday (afternoon)  Seeding Technology

Sponsored by: FHR Nutrient Management
Moderators: Scott Shearer, Chair, Food, Ag. and Biological Engineering, OSU. Plus Mike Gastier, Mark Mechling, Mike Sword

1:45  Perfecting no-till planting equipment
        Paul Jasa, U. of Nebraska

2:45  Break

3:05  Seeding Technology Panel:  Scott Shearer, Moderator
        Maximizing yield potential at planting time:  Peter Thomison, OSU
        Working with variable rate prescriptions: Doug Houser, Services Appl. Manager, Pioneer
        Machine implications of prescriptions: Jamie Bultemeier, John Deere

4:35  Adjourn