CTC Location
Ohio Northern University is located between Lima and Kenton, north of Rt 309 on Rt. 235. For GPS: use 402 West College Ave., Ada, OH

Room Reservations

The Inn at Ohio Northern University
419-772-2500
Special CTC rate: $115 plus tax
(plus $20 each additional guest)
Kenton, Rt. 67, east of Rt 31
Country Hearth & Suites, 419-675-1400
Lima, I-75 at SR 309
Hampton Inn 419-225-8300
Special CTC rate: $109 plus tax
(call by Feb. 24)
Bluffton, I-75 at Rt 103
Comfort Inn 419-358-6000
Special CTC rate: $79 plus tax
(For 1-2 people; call by Feb. 24)

For more information Call:
Registration
Allen SWCD 419-223-0040 Then press 3
Details on Program and CCA Credits
OSU Extension, Hardin County – 419-674-2297
For updated program go to: http://ctc.osu.edu

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Conservation Tillage & Technology Conference

to be held at
McIntosh Center
Ohio Northern University
402 West College Ave.
Ada, Ohio 45810

Tuesday-Wednesday
March 3-4, 2020

CTC 2020 Sponsored by:
• Ohio State University Extension and OARDC
• Northwest Ohio Soil & Water Conservation Districts
• USDA Natural Resources Conservation Service
• USDA Farm Service Agency
• The Ohio No-Till Council
• Ohio Farm Bureau
• Ohio Corn Marketing Program
• Ohio Soybean Council
• AgCredit
• Seed Consultants
• Farm Science Review

See web site at http://ctc.osu.edu
CTC Program Overview

The main program starts with the General Session at 8:50 Tuesday (10 minutes earlier than usual). At the start of the session, the Ohio Certified Crop Adviser of the Year will be named and the Ohio Farmer magazine will honor two new Master Farmers.

Lee Briese, an award-winning Crop Consultant from North Dakota will be our General Session speaker. Topic: Details Matter. He will present two more talks in the Chapel: Herbicide/cover Crop Interactions and Transitioning to a No-Till System.

Sjoerd Duiker, an OSU PhD graduate in Soil Science, now at Penn State University, will also give three presentations: Moving to No-till; Dealing with Poor Soil Structure and Soil Compaction; and Repairing Ravaged Soils.

Two full-day concurrent sessions will begin at 8:00 a.m. Cover Crops, No-till and Soil Health will be in the Chapel, and Nutrient Management in Room B. The session in the Chapel will break at 9:15 for Lee Briese’s presentation.

Starting at 10:30, four concurrent sessions take over. The Tuesday program includes Crop Management and Precision Technology and Hemp, plus Forage Cover Crops. The sessions will end about 5:30 p.m.

The Wednesday lineup of concurrent sessions includes: Crop Management and Precision Technology; Managing Cover Crops; Water Quality; and Building on Ohio No-till Success. The Cover Crops and Water Quality sessions start at 8:00, the Crop Management session starts at 8:30, and the No-till session at 10:50. Sessions will end about 4:30 p.m.

CCA credits will be available, with an emphasis on Soil & Water, Nutrient Management, and Crop Management. We expect 400 crop consultants to attend.

Our primary audience is farmers, but we provide CCA credits as an extra benefit for crop consultants. Certified Livestock Manager (CLM) credits will be available. Details will be posted in February.

The full program is online at: ctc.osu.edu. Look for changes/additions in speakers and topics. Also, connect with us on Facebook: Conservation Tillage and Technology Conference.

Crop Management and Precision Technology will feature Extension Specialists including Prof. Duiker, Josh McGrath (U of Kentucky), Lance Conway (U of Missouri), and Peter Thomson (Stephanie Ahnoff; both OSU). Topics include Precision application of nutrients, Corn lessons from 2019, Fallow soil syndrome, and Using Sensor Metrics for Agronomic Decisions.

The Nutrient Management session has 12 topics. The program begins with Update on Manure Utilization Research Efforts in Ohio (Glen Arnold, OSU). Erica Rogers & Sarah Fonzcek of Michigan State University will present Online Tools for Conservation Planning and Implementation; Christine Brown, Ministry of Agriculture, will present Canadian Livestock Producers Efforts to Improve Water Quality; and Martha Moore will discuss Chesapeake Bay TMDL: positive and negative issues farmers face meeting the nutrient load reductions. The other timely presentations are by OSU Extension Educators and other Ohio folks.

The Cover crops, no-till, & soil health program has 8 presenters. In addition to presentations by Prof Duiker and Dr. Lee Briese, Jason Mauk of Indiana will speak on Interseeding cover crops, and Chad Penn, USDA-ARS, on a new approach to soil Phosphorus testing. Jim Hoorman will discuss Dealing with cover crops after prevented planting. Jeff Stachler (OSU Extension) will discuss Herbicide programs with cover crops to follow, and Jessica D’Ambrosio, (The Nature Conservancy) will talk on the new OACI organization.

The new session on Hemp, plus Forage Cover Crops has presentations on hemp by Jim Belt (ODA), Dr. Rajbir Bajwa (Medical Cannabis expert), and Craig Schluttenhofer (Central State U.). Topics on cover crops will be presented by Christine Gelly and Sarah Noogle (both OSU Extension). John Barker (OSU Extension) will discuss UAVs.

Day 2 (Wednesday) features four concurrent sessions.

The Crop Management and Precision Technology session includes these university speakers: Sjoerd Duiker, Jim Camberato (Purdue), and Dennis Pennington and Manni Singh (both Michigan State). Also two from OSU, Steve Culman and Laura Lindsey. Topics include: Nitrogen management, Tri-State recommendations, Adding wheat to a rotation, and Optimizing Planting date.

The session on Water Quality has 11 presentations including: Drainage Water Management, Phosphorus Removal Structures, Preferential Flow, Legacy P, and Edge of Field structures. Justin McBride (ODA) will discuss new practices including cascading waterways. Laura Johnson (Heidelberg)U and Greg Lonsdorf (OSU Extension) will discuss the impact of the 2019 growing season on Lake Erie algae. Peggy Hall (OSU Extension) will cover current issues in Ag Law. Jordan Hoewischer (Ohio Farm Bureau) will discuss the new OACI Farmer Certification Program, and ODA officials will discuss the H2Ohio Plan: Implementation and Available Practice Cost Share.

The Cover Crops session has 8 presentations including a Farmer Panel. Barry Fisher (USDA-NRCS) will present Regenerating soil function after extreme weather and prevented planting. Jerry Grigar (Michigan NRCS, retired) will share his success with Long-term No-till. Dr. Mary Barbercheck, (Penn State) will discuss Metarhizium Fungi. David and Jay Brandt will discuss their Early maturing Corn and Soybean trials. Dr. Curtis Young (OSU Extension) will share how Beneficial Insects can benefit from cover crops. Alan Sundermeier (OSU Extension) and Vinayak Shedecker (OSU) will discuss how Soil biology responds to BMPs.

The Building on Ohio No-till Success session will start at 10:50. Warren Dick and Steve Culman (both OSU-OARD) will discuss what we’ve learned from the historic no-till research plots since 1962 and focus for the future. They will include specific information on stratification, organic carbon and yield trends. John Grove (U of Kentucky) will share successes learned from 50 years of no-till research. Fred Yoder (former President of Nat. Corn Growers) will discuss No-till and climate change. A panel of Bill Richards, Fred Yoder, and David Brandt will lead discussion of No-till, Climate, and Federal/State Policies.

Certified Crop Advisers (CCA)

The preferred sign-up for each presentation will be by an app on your phone. Limited sign in sheets will be available. (Links to download an app are at: ctc.osu.edu)

Conservation Tillage & Technology Conference

Tuesday-Wednesday
March 3-4, 2020

• ~65 presenters
• ~12 hours of Nutrient Management
• ~12 hours of Soil & Water
• ~12 hours of Crop Management
• Crop Management and Precision Tech. (both days)
• Nutrient Management (starting at 8:00 am Tues.)
• Cover crops, no-till, & soil health (also at 8:00 Tues.)
• Hemp, plus Forage Cover Crops (at 10:30 Tues.)
• Managing Cover Crops (at 8:00 am Wed.)
• Water Quality (at 8:00 am Wed.)
• Building on Ohio No-till Success (at 10:40 Wed.)
• Speakers from 8 universities
• Farmer, industry, ODA & USDA speakers

Major Supporters
• Ohio Corn Marketing Program
• Ohio Soybean Council
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