



# Conservation Tillage & Technology Conference

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

on  
**Tuesday-Wednesday**  
**March 3-4, 2015**

## CTC 2015 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**
- **Gypsoil**
- **Ohio Corn Marketing Program**
- **John Deere**

See web site at <http://ctc.osu.edu>

Wingfield Crop Insurance Service proudly supports the 2015 Conservation Tillage Conference

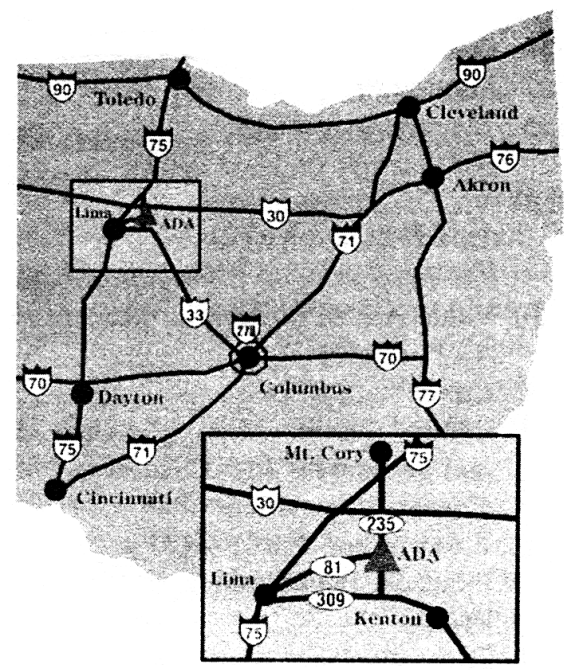


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## Room Reservations

### The Inn at Ohio Northern University

419-772-2500  
 Special CTC rate: \$95 plus tax (plus \$10 each additional guest)  
 Kenton, Rt. 67, east of Rt 31  
**Country Hearth & Suites**, 419-675-1400  
 Special CTC rate: \$72 plus tax

Lima, I-75 at SR 309  
**Hampton Inn** 419-225-8300  
 Ask for CTC rate: \$92 plus tax (call by Feb. 24)

Bluffton, I-75 at Rt 103  
**Comfort Inn** 419-358-6000  
 Special CTC rate: \$80.10 plus tax (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>

## REGISTRATION FORM or Register online at <http://ctc.osu.edu>, up to Feb. 26

Early Registration \$65/day or \$85 for both days  
 Registration (mailed after Feb. 21) \$80/day or \$105 for both days

Name(s) \_\_\_\_\_

(Please list all names if registering for a company)

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Zip \_\_\_\_\_ County \_\_\_\_\_

Email \_\_\_\_\_

Farmers: How many acres of cropland? \_\_\_\_\_  
 Crop Consultants: How many acres do you manage? \_\_\_\_\_

One Day Registration \_\_\_\_\_ @ \$65=\$  
 or Wed. \_\_\_\_\_  
 Two Day Registration \_\_\_\_\_ @ \$85=\$

Subtotal \$ \_\_\_\_\_

TOTAL \$ \_\_\_\_\_

WE ARE PLEASED TO ACCEPT

Check One:



Please complete the information below.

Account Number \_\_\_\_\_

Cardholder Signature \_\_\_\_\_

Mo. \_\_\_\_\_ Yr. \_\_\_\_\_

Expiration Date \_\_\_\_\_

Return with payment to: Conservation Tillage Conference, Allen SWCD, 1601 East Fourth St., Suite B, Lima, Ohio 45804  
 If CTC is cancelled due to unforeseen circumstances, we reserve the right to use funds for next year's conference.

## CTC Program Overview

The main program starts with the General Session at 9:30 Tuesday. Newell Kitchen, Soil Scientist with USDA-ARS in Missouri will discuss “Conservation Benefits from 10 years of No-Till & Cover Crops.”

Note that a **Cover Crops and Soil Health** session will begin at 8:00 a.m. in the Chapel and run all day Tuesday. This session will break for Newell Kitchen’s presentation. Also, **Apps for Farmers** will be presented twice, once from 8:00-9:20 a.m. in Room C, and Tuesday afternoon at a time and location to be determined. The Seneca SWCD is organizing this session.

Starting at 11:00, concurrent sessions take over. The Tuesday program includes **Corn University; Advanced Scouting; and Precision Seeding and Placement**. The sessions will end about 6:00 p.m.

The Wednesday lineup of concurrent sessions starts at 8:30 a.m. and includes: **Soybean School; Nutrient Management; Solving the P (and N) Problem; and Big Data**. Those sessions will end about 4:30 p.m.

CCA credits will be available, with an emphasis on Soil & Water and Nutrient Management hours. We expect 400 crop consultants to attend. The Ohio Certified Crop Advisor of the Year will be honored at the end of the General Session. Also, the *Ohio Farmer* magazine will honor Master Farmers.

The full program is online at: [ctc.osu.edu](http://ctc.osu.edu). Changes in speakers and topics may occur.

**Corn University** will feature four Extension Specialists including: Ohio native Emerson Nafziger (U. of Illinois); Bob Nielsen (Purdue); Greg Roth (Penn State); and Peter Thomison (OSU).

The **Cover Crops and Soil Health** session will start at 8:00, and includes: Keith Webster (Iowa State U.); Greg Roth; Kris Nichols (Rodale); Jennifer Tank (Notre Dame);

Newell Kitchen; Bill Lehmkuhl; and Curtis Young (OSU). Topics include: managing crop residue removal; planting into cover crops; a planter for interseeding; soil health benefits; enhancing soil biota and nutrient recycling; and beneficial insects.

The **Advanced Scouting** session focuses on the needs of crop consultants and is presented mainly by CCAs.

A new session, **Precision Seeding and Placement**, will include: Fast planting; Variable rate N; Value of precise placement; and Planting multiple hybrids. Speakers include: Bob Nielsen, Jason Webster (Beck’s), Nathan Jenkins (John Deere), and John McGuire, CCA.

On **Wednesday**, a new session is **Big Data**. John Fulton and Scott Shearer, OSU ag engineers have lined up an all-star group to discuss this hot topic, including Mary Kay Thatcher (American Farm Bureau); Brian Watkins, an Ohio farmer; reps from John Deere and Pioneer; and crop consultants Joe Nester, Dave Scheiderer, and Tim Norris.

The **Nutrient Management** session includes five presentations on mini-research projects supported by CTC. Among them: Nutrient Loads in 10 Small Watersheds by Kendall Stucky (SWCD); Phosphorus/Nitrate Removal by Bioreactor and Controlled Drainage by Mike Libben (SWCD); and Evaluation of Starter Fertilizer for Corn Production by Ed Lentz (OSU Extension). Also Glen Arnold (OSU Extension) will discuss Boom Application of Manure to Standing Corn, and Drag Hosing Manure in Newly Emerged Corn.

The session on **Solving the P (and N) Problem** will focus on water quality in Lake Erie and other bodies of water. The goal of the session is to identify and prioritize practices that will keep P and N on farm land where it belongs. Injecting fertilizer, gypsum,

controlled drainage, and cover crops, are among a dozen or so likely solutions. Speakers include: Seven OSU professors; Andrew Sharpley, U. of Arkansas; Laura Johnson, Heidelberg U.; Kevin King, USDA-ARS; Kevin Elder, ODA; Larry Antosh, Ohio Farm Bureau, and Joe Nester, CCA.

**Soybean School** features Laura Lindsey (OSU); Emerson Nafziger; Shaun Casteel (Purdue); Shawn Conley (Wisconsin); and Bryan Young (Purdue). Topics include: agronomics for high yields and management of weeds and disease.

Connect with us on Facebook: Conservation Tillage and Technology Conference.

### Biofuels, bioproducts session March 2

A special 5.5 hour session will be presented, at no additional charge, on Monday afternoon, 1:00-5:15 pm, continuing at 8:00 am March 3, for the first 90 minutes of the Cover Crops session. Anyone registered for CTC is invited. So we can provide handouts, please contact Sarah Strausbaugh at 740-289-2071 ext. 112 or [strausbaugh.54@osu.edu](mailto:strausbaugh.54@osu.edu).

Topics include: fuel value of corn stover, sweet sorghum, miscanthus, switchgrass and others; cover crops to replace crop removal; and growing a replacement for latex and rubber. Speakers are from OSU, Nebraska, Michigan NRCS, and Iowa State U. CCA credits will be available.

### Fertilizer Applicator Certification, March 5

On Thursday morning, 9:00 to noon, the full 3-hour training will be presented in the McIntosh Center at ONU. Register at: [nutrienteducation.osu.edu](http://nutrienteducation.osu.edu). Limited to 400 registrants. For those with an Ohio Pesticide Applicator license, the training is free. Otherwise it’s \$30.

## Conservation

### Tillage & Technology Conference

Tuesday – Wednesday  
March 3-4, 2015

~60 presenters

~10 hours of Nutrient Management

~10 hours of Soil & Water

Corn University (Tuesday)

Soybean School (Wednesday)

Precision Seeding (Tuesday)

Big Data (Wednesday)

Solving P problems (Wed.)

Speakers from ~8 universities

Farmer and industry speakers

Cover Crops (Tuesday, 8:00 am-5:30 pm)

Apps for Farmers (Tues., 8:00 am, plus)

#### Certified Crop Advisers (CCA)

The preferred sign in during each presentation will be by an app on your smart phone. Limited sign in sheets will be available. (Links to download an app are at: [ctc.osu.edu](http://ctc.osu.edu))

#### Major Sponsors

- *Gypsoil*
- *Ohio Corn Marketing Program*
- *John Deere*
- *Ohio Soybean Council*
- *Ag Credit*
- *Dekalb/Asgrow*
- *Seed Consultants*
- *Pioneer*