

# Take Aim At No-Till



23rd Annual  
**National  
No-Tillage  
Conference**

Cincinnati, OH • Jan. 14-17, 2015

Building Better No-Till Practices

## With The Best Tips, Ideas And Techniques From No-Till Experts And Your Fellow Farmers

The 23rd annual National No-Tillage Conference offers more than 100 cutting-edge, money-making sessions over 4 days, delivering insightful learning and unlimited networking with the best of the no-till community.

**Impactful Learning! Valuable Networking!**  
See you January 14 to 17 on the banks of the Ohio River

### COMPLETE COVERAGE

*Offering an outstanding lineup of more than 40 no-till farmers and educators from around the globe...*

- ✓ The most comprehensive agenda of no-till topics in the ag industry
- ✓ Time-tested techniques to expand your no-till cropping income
- ✓ New strategies for protecting your income throughout 2015
- ✓ Fully guaranteed to offer a plethora of no-tilling ideas and strategies
- ✓ A chance to learn from the leading no-tillers across the country
- ✓ The only "must-attend" national event for growers serious about improving their no-till management system

**...AND MUCH MORE!**

### COMPLETE FOCUS

*Featuring in-depth coverage of everything from equipment modifications to no-till fertility to soil-building strategies...*

- ✓ Improving soil biology
- ✓ N, P & K fertility strategies
- ✓ Cover-cropping systems
- ✓ Planter & drill refinements
- ✓ Precision technology payoffs
- ✓ Water-management strategies
- ✓ Strip-till opportunities
- ✓ No-till weed control
- ✓ Increasing no-till wheat yields
- ✓ Best worldwide no-till strategies
- ✓ Amending soil properties
- ✓ Managing tough, abundant residue

**...AND MUCH MORE!**

### COMPLETE IMMERSION

*An extremely valuable 23-year-old "think tank" for success-minded no-tillers, planned by no-tillers like you, seeking the best income-expanding strategies available today...*

- ✓ 9 No-Till General Sessions with 17 practice-changing presentations
- ✓ 28 — Yes, 28! — No-Till Classrooms
- ✓ 69 No-Till Roundtables
- ✓ Special breakfast, luncheon and dinner banquets with more great no-till info
- ✓ Numerous education credits for both pesticide recertification and certified crop advisors
- ✓ 100 hours of highly valuable, nonstop learning opportunities

**...AND MUCH MORE!**

**Co-Sponsored By No-Till Farmer And These Leading No-Till Suppliers...**



**Register Online Today At [www.NoTillConference.com](http://www.NoTillConference.com)!**

23rd Annual National No-Tillage Conference \* Jan. 14 to 17, 2015 \* Hilton Netherland, Cincinnati, OH

# Capture Valuable No-Till Tips & Techniques During 4 Productive Days In Cincinnati!

WE'RE NOT SLOWING down. Behind the theme, "Building Better No-Till Practices," we've lined up more than 40 of the very best no-tillers, crop consultants, agronomists and researchers to deliver cutting-edge ideas, tips and techniques to take your no-till system to a higher level.

This 23rd annual National No-Tillage Conference offers 9 general sessions (with 17 powerful presentations), 28 No-Till Classrooms and

69 invaluable No-Till Roundtables. Plus, valuable pesticide recertification and Certified Crop Advisor credits are available.

Just as important is the opportunity for you to profit from unlimited hallway networking with the most innovative and forward-thinking minds in no-till during this mid-January event in Cincinnati that kicks off the 2015 crop-production season. *It's a can't-miss event!*

## WEDNESDAY, JANUARY 14...

### 7:30 a.m. to 5:00 p.m. "No-Till Registration Time."

#### 8:45 to 11:45 a.m. "Special Members-Only Workshop — Down The Worm Hole With Jill Clapperton, Rhizoterra Inc."

(This workshop, limited to 60 attendees, costs just \$50 to attend. It is available only to paid registered NNTC attendees.)

Sign up for this workshop using the registration form on Page 12.)

Rhizoterra presents the always interesting, unusual and sometimes terrifying cast of characters that live and work in the soil. Jill Clapperton will lead this practical workshop with live interactive demonstrations that will help you learn more about well-structured soils, earthworms, mycorrhizal fungi and the workings of your no-tilled soils.

The principal scientist with Rhizoterra Inc. will also discuss how to measure soil health through various new testing processes and help you make informed decisions with the test results. Attendees are welcome to bring along a soil sample for evaluation — a pint-sized sample of living plant roots from a cover crop, an overwintering crop or anything growing. This is an informal, fun and lively learning experience.

### 2:30 to 2:35 p.m. "Official Kickoff To The 23rd Annual National No-Tillage Conference."

Join us in the Hall of Mirrors as the *No-Till Farmer* staff will set the stage for 4 days and nearly 100 hours of superb no-till learning.

### 2:35 to 3:20 p.m. "43 Years Of Trying Something Different To Improve A No-Till System."

When David Brandt went from the fields of Vietnam to the fields of Carroll, Ohio, in 1971, the encouragement of his uncle and grandfather, as well as local consultants and farmers, gave him the push to "try something new." Thus began a 43-year journey with no-till.

Brandt will share both the failures and successes of more than 4 decades of no-tilling, including challenges with seeding that took him through several planter setups; trials and tribulations with weed control; adoption of cover crops for better drainage and improved soil health; cropping rotations; and better utilization of nutrients. Brandt's example will prove that a "stick-to-it" attitude can help you succeed with continuous no-till in the face of challenges.



David Brandt

### 3:20 to 4:05 p.m. "Why No-Tilling 'Green' Isn't Something To Be Afraid Of."

Lucas Criswell and Gerard Troisi are convinced that corn and soybeans can be no-tilled into mature cover crops for higher yields and increased soil health, even while reducing fertilizer and herbicide applications.

The no-tiller and consultant from central Pennsylvania run a cover crop roller on a 12-row Kinze planter to roll down mature



Gerard Troisi

cereal rye while no-tilling corn. They'll explain the equipment setup and design that's necessary to successfully no-till into a living cover crop, and offer evidence of how the system has reduced weed pressure for less costly weed control, made better seedbed conditions and improved nutrient cycling.



Lucas Criswell

### 4:10 to 5:00 p.m. "Understanding The Impact Of No-Till On Soil Organic Carbon Sequestration Rates."

No-till systems have been promoted as a valuable tool to increase soil organic carbon (SOC) sequestration and reduce soil erosion vs. intensive tillage systems. While numerous approaches to estimate the amounts and rates of SOC sequestration in no-till have been published, Ken Olson says questions abound on the protocol for assessing rates.

The University of Illinois professor of natural sciences and environmental sciences, will define and explain the concept of SOC sequestration, why it's important and how you might be able to measure it.



Ken Olson

### 5:05 to 7:10 p.m. "NNTC Welcome Reception."

Take time to network with other no-tillers and enjoy hors d'oeuvres and refreshments courtesy of *Calmer Corn Heads*, *Dawn Equipment*, *Midwest Bio-Tech* and *Spectrum Premium Non-GMO Seed Corn*. Compare notes from the afternoon's general session and get prepared for the evening's general session. (This special event will be held in the Pavilion Ballroom on the 4th floor near the registration area.)

### 7:25 to 7:30 p.m. "Three Spectacular Views Of No-Till From Brazil, South Dakota And Indiana."

The *No-Till Farmer* staff will provide a glimpse into tonight's jam-packed program that shares the best practices from three no-tillers.

### 7:30 to 8:15 p.m. "A Brazilian Perspective To Making Continuous No-Till Work."

Franke Dijkstra gave U.S. no-tillers a glimpse into the workings of South American no-till systems at the 4th annual conference in 1996. The Brazilian no-tiller returns 19 years later to share more lessons learned over the past 2 decades.

Dijkstra will share how from the early days of farming, his farm has eliminated up to nine tillage passes per year and stopped soil degradation and loss of soil organic matter. He'll also share how wheat, corn, soybean and edible bean yields have dramatically increased with no-tillage and offer his tips to make continuous no-till work.



Franke Dijkstra

*"You can't put a value on the opportunity to collect this much information in one place at one time."*

*— Robert Adamic, Silverwood, Mich.*

### 8:15 to 9:00 p.m. **“Mirroring Mother Nature To Build A Highly Functioning No-Till System.”**

With 18,000 total acres, including 11,000 cropping acres and 7,000 acres of native pasture, Jorgensen Land & Cattle have utilized no-till to efficiently raise crops. But they don't necessarily take a simple approach. Instead, Bryan Jorgensen says they rely on a diverse rotation of up to 12 crops to create a system as productive as Mother Nature.

The Ideal, S.D., no-tiller will challenge you to think about the value of adding more crops to your rotation, explaining how they painstakingly, and with much foresight, developed their diverse rotation. He will also explain the importance of the system's long-term sustainability.

### 9:00 to 9:45 p.m. **“Why Wheat, ‘Costly’ Cover Crop Mixes Should Be In Your No-Till Rotation.”**

Even though they've been no-tilling for 30 years, Jim and Jamie Scott have decided that wheat and strategic, purposeful cover crop mixes are important to pushing up yields of corn and soybeans on their northeastern Indiana farm. Jamie Scott will explain the reasons and objectives for adding wheat and how they are strategically identifying cover crop cocktails that fit within their varying rotations.

The Pierceton, Ind., no-tiller will describe several cropping rotations they now utilize since adding wheat back in their system 2 years ago. He will also explain their strategy with the use of earlier maturing soybean varieties and corn hybrids. He will also give details on blends of cover crops they raise and why he has never been afraid to experiment with mixes that come with a price tag of \$40 or more per acre.



**Jamie Scott**

### 9:45 to 10:00 p.m. **“Go Ahead — Ask Those Tough No-Till Questions.”**

Come up with any critical no-till question and the *No-Till Farmer* staff will seek someone with a solution. This session will reveal the benefits of networking in the hallways with fellow attendees.

*(If you've got a no-till question that's been gnawing at you, add it to the registration form on Page 12 when you register or email Darrell Bruggink at [dbruggink@lesspub.com](mailto:dbruggink@lesspub.com).)*

## THURSDAY, JANUARY 15...

### 6:30 a.m. to 5:00 p.m. **“No-Till Registration Time.”**

Get registered! Pick up your conference materials, including **FREE** Special No-Till Reports valued at \$299.60. **(See page 11.)**

### 6:45 to 8:45 a.m. **“Early Bird No-Till Breakfast Sponsored By Syngenta & Acuron Herbicide.”**



Following the buffet breakfast sponsored by Syngenta (served from 6:45-7:40 a.m.), “Be Part of the Solution” in this session that will help you weed out the facts on the highly challenging Palmer amaranth species and other yield-robbing weeds of no-tilled corn and soybeans.

### **“Tough-To-Control No-Till Weeds: The Bottom Line.”**

Palmer amaranth, a troublesome weed resistant to glyphosate in the Southeast and Mid-South, is on the march into the Corn Belt. Larry Steckel, weed specialist at the University of Tennessee, will help no-tillers understand what steps they need to take to control this voracious weed and protect their no-till system. Joined by Gordon Vail, agronomist for Syngenta, the pair will also key in on solutions for several other difficult no-till weeds, including waterhemp, marehail, giant ragweed and morningglory.



**Larry Steckel**

**(Harry Young Jr. Memorial Lecture Series made possible with the support of KB Seed Solutions)**



### 9:00 to 10:10 a.m. **“Where Plants Thrive, Soils Are Healthy (And Understanding Why That Is).”**

When you know what lives and works in the soil, Jill Clapperton says it's much easier to understand how no-till and crop rotation work together to regenerate and maintain healthy, productive soil.

Is the rhizosphere all Greek to you? Rhizo means “root” and sphere means “everything that goes on around the root.” Because rhizosphere interactions drive soil health, the principal scientist at Rhizoterra Inc. will help you understand the interactions between plants, soil and soil organisms. Clapperton will help you see the animals at work underground, and how no-till stabilizes the soil habitat so farmers and consumers can reap the benefits of rhizosphere processes — primarily how healthy well-fed plants use nutrients effectively.



**Jill Clapperton**

### 10:10 to 10:25 a.m. **“Get Deeper Into The Think Tank.”**

If Jill Clapperton's presentation has got you thinking about ways to improve your soil biology, here's your chance to ask questions and get solid answers on factors keeping you from unleashing the full potential of your no-till soils for improved crop quality and yields.

### 10:40 to 11:40 a.m. **“Choose From 6 High-Powered No-Till Classrooms.”**

Select one of six outstanding No-Till Classrooms to absorb more specialized learning. Send others from your farming operation to separate sessions to broaden your no-till knowledge.

## **No-Till Classroom #1...**

### **“Why Ultra-Narrow-Row Corn Should Be In Your No-Till System.”**

For 30 years, Marion Calmer has studied the impact on yields of no-tilling corn in ultra-narrow rows. The Alpha, Ill., no-tiller became so convinced at the benefits that he designed his own corn head to harvest 15-inch rows.

Calmer will outline some of the major challenges and obstacles that need to be overcome in ultra-narrow-row systems, including how he manages residue buildup. He will share population studies and applied fertilizer rates. In addition, he will look at narrow-row soybeans and how he has overcome white mold issues.

## **No-Till Classroom #2...**

### **“Managing Equipment To Minimize Compaction In No-Tilled Fields.”**

Can no-tilled ground stand up under the heavy loads of large combines, tractors and grain carts holding more than 1,000 bushels? Is tillage necessary to correct compacted soils? Randall Reeder will report on 25-plus years of compaction research comparing tires and tracks on grain carts carrying 1,100 bushels and data on soil physical properties that affect root growth and movement of air and water.

The retired Ohio State University ag engineer will share yield comparisons of continuous chisel plowing, occasional subsoiling and continuous no-till in conjunction with compaction. He will also provide recommendations on how to best avoid compaction in the first place.



**Randall Reeder**



## No-Till Classroom #3...

### "Understanding The Value Of Enhanced Efficiency Fertility Products."

Fertilizer management can be a significant challenge in no-till crop production. For example, in high-residue situations, as much as 40% of surface-applied urea can be lost to volatilization. Once fertilizer has moved into the soil, denitrification and leaching can result in significant loss of nitrogen.

Greg Schwab, agronomist for Koch Agronomic Services, will review the "4Rs" concept of right source, right time, right place and right rate and how it can be coupled with fertilizer technologies like urease inhibitors, nitrification inhibitors and polymer-coated urea to maximize nutrient-use efficiency.



Greg Schwab

## No-Till Classroom #4...

### "Accounting For Every Dollar Through Precision, Efficient Fertility Placement."

Brian Watkins tries to account for every dollar spent within his 7,000-acre corn and soybean operation. The Kenton, Ohio, strip-tiller will offer an economic analysis of strip-till vs. other tillage systems in terms of relative cost per acre based upon his farm experience.

Watkins will share how precision creates a system of efficient fertility management. He'll reveal details of his nutrient placement program involving the fall banding of fertilizer with a low-disturbance tool, followed by a spring strip-till pass for nitrogen placement and seedbed preparation. He will discuss how he avoids runoff of soluble phosphorus by placing nutrients below the surface.



Brian Watkins

## No-Till Classroom #5...

### "Taking The No-Till Planter To The Field In Tip-Top Shape."

There are a lot of variables that can impact the yield of no-till corn — some of which you don't have control over. One variable you can control is your no-till planter, which is why Bill Lehmkuhl says it's most important for no-tillers to make sure they have their planters in superb working condition when they hit the field.

The no-till farmer, planter specialist and owner of Precision Agri-Services in Minster, Ohio, will share his best maintenance tips and planter updates to improve seeding depth and spacing and ensure proper seed-to-soil contact. In addition, he will address some of the improvements you can make to your planter to overcome some of the struggles farmers encounter in trying to no-till corn and find to be a hindrance in going to 100% no-till.

(Note: Session will repeat as Classroom #27 on Saturday, Jan. 17.)



Bill Lehmkuhl

## No-Till Classroom #6...

### "Cover Crop Know-How From 30 Years... What's Coming In The Next 30 Years."

Steve Groff has more than 30 years experience covering fields on his no-till farm in southern Pennsylvania. He'll share his best tips for making cover crops more practical on your farm, including ways to get them planted in a timely manner, how they interact with nutrients in your soils, rotational decisions and other key discoveries through proven, field-tested practices and onfarm research.

With a guiding motto of "Soil is meant to be covered," the Holt-



Steve Groff

wood, Pa., no-tiller will also take a look at what the next 30 years may hold for cover cropping, including emerging species that could be valuable to farmers across the Corn Belt and other farming practices that will make it easier to adopt cover crops in cropping rotations.

## 11:40 a.m. to 1:10 p.m. "Lunch Time."

Enjoy lunch on your own at nearby restaurants or with an onsite box lunch while networking with other highly innovative no-tillers.

## 1:15 to 2:05 p.m. "Ways To Keep Phosphorus In The Soil Profile In A No-Till System."

The fertility practices of no-tillers and farmers, in general, are being highly scrutinized due to recent harmful algae blooms and toxins in major waterways like Lake Erie. Jim Hoorman says recent research by Ohio State University shows iron may be releasing soluble reactive phosphorus to surface water during saturated soil conditions.

The Ohio State Extension soils specialist will share what steps no-tillers ought to take to ensure that they reduce their footprint from phosphorus being released into watersheds. He will explain how cover crops in conjunction with no-till could keep phosphorus in the soil profile and utilize phosphorus more efficiently.

## 2:05 to 2:10 p.m. "23rd Annual National No-Tillage Conference Sponsor Recognition."

Join us in thanking our sponsors whose generous support of the 2015 National No-Tillage Conference makes it possible to bring you the most highly informative no-till learning event available today.

## 2:10 to 3:00 p.m. "The Potassium Paradox: A Path To Profitability With No-Till."

No-tillers should be concerned with soil test values assigned to potassium and the resulting intensive use of muriate of potash (KCl). Saeed Khan says recent studies show soil test values to be of no interpretative value due to drastic fluctuations and fail to differentiate potassium buildup from depletion. Levels have been found to increase even in the absence of applied potassium.

The University of Illinois fertility specialist will outline how the inherent potassium-supplying power of Corn Belt soils and the role of crop residues in recycling potassium should have you looking at applied potassium differently. He will share how overuse of potassium can hurt the quality of major food, feed and fiber crops with serious implications for soil productivity and human health.



Saeed Khan

## 3:00 to 3:30 p.m. "Networking/Refreshment Break."

You're halfway through the most informative day of the no-till year. Grab a coffee or soft drink courtesy of Nutra-Flo & PureGrade Liquid Fertilizers while discussing with fellow no-tillers things you've learned.



## 3:30 to 4:30 p.m. "Choose From 5 No-Till Classrooms Chock Full Of Learning Opportunities."

Select one of five outstanding No-Till Classrooms to absorb more specialized learning. Send others from your farming operation to separate sessions to broaden your no-till knowledge.

## No-Till Classroom #7...

### "Zeroing In On Practical, Applied Rhizosphere Ecology."

Jill Clapperton says there are lots of ideas and proven management tools no-tillers can use to rebuild the soil habitat, rev-up rhizosphere processes and regenerate soil function. The principal scientist at Rhizoterra Inc. says these tools are critical to achieving healthy soils, which leads to higher yields and better crop quality — and paying the bills.

Clapperton will discuss why it's important to find balance between achieving a highly functioning soil and managing farm operations, and will use much of the time in this classroom to encourage open discussion on trying to get to the root of critical soil health concerns.

## No-Till Classroom #8...

### "Effects Of Cover Crops, No-Tillage & Tillage On Carbon Sequestration."

Ken Olson will share results of a 12-year cover crops study in southern Illinois on the effects of soil organic carbon (SOC) sequestration, storage and retention, as well as corn and soybean yields. The use of cover crops was studied on these previously eroded soils for its maintenance and restoration of SOC, and different tillage systems were set up with and without cover crops.

The University of Illinois professor will share that while yields were not significantly different under the various tillage systems, levels of sequestered SOC were impacted by cover crop usage. Olson will boil down some action items for no-tillers as a result of the data.

## No-Till Classroom #9...

### "How Intensive Nitrogen Use Is Browning The Green Revolution."

Richard Mulvaney says the use of synthetic nitrogen for modern cereal production is assumed to build soil organic matter by increasing the input of residue carbon. However, the University of Illinois fertility specialist says this assumption is at odds with declining levels of soil carbon and nitrogen documented in long-term cropping trials. He adds these declines in soil nitrogen and carbon are occurring even when fertilizer inputs exceed grain nitrogen removal.

Mulvaney will share what efforts need to be made to better match fertilizer usage to the crop's demand for nitrogen. He will outline how a transition toward agricultural diversification may be needed, with greater use of legume rotations to reduce the need for synthetic nitrogen.



Richard Mulvaney

## No-Till Classroom #10...

### "Weeds? Insects? Diseases? What No-Tillers Need To Watch For In 2015."

Is Palmer amaranth a threat to your no-till yield? Should soil insecticides be more prominently used? What diseases seem to be gaining an upper hand in corn and soybeans? What pests need your attention?

An agronomist with Syngenta will share the crop protection issues in corn, soybeans or small grains that might keep no-tillers up at night this coming year, as well as the techniques and tools available to lessen their impact or provide control. And there will be time for you to ask questions and get answers to pest problems of concern to you.

## No-Till Classroom #11...

### "Improving The Performance, Efficiency Of Your No-Till System."

When Cameron Mills went into farming full-time at the age of 21, it wasn't long before he made the move to no-till. The efficiencies gained by removing tillage passes have allowed Mills to expand his cropping acreage from 650 to 3,500.

The Walton, Ind., no-tiller will discuss the practices he's implemented through the years that have made no-till acreage more productive, including the use of chicken litter, split applications of nitrogen during sidedress, at-plant fertility practices and the use of gypsum. He will also share what he's learned from 10 years of cover crop use, weed management, his approach to field tile and measures to balance soil fertility and improve soil health.



Cameron Mills

### 4:35 to 5:35 p.m. "20 Super No-Till Roundtables."

Select from 20 No-Till Roundtables where each attendee can ask questions, discuss challenges and contribute practical, field-proven ideas on a specific topic. Some long-time conference attendees say these "one-of-a-kind idea swaps" are well worth the cost of attending

the conference all by themselves. Send others from your farm or family to different sessions to capture even more learning.

1. Fixing To Get Facts On Foliar Fertility Practices
2. Strategies For Sensational Soybean Yields
3. Managing Water With Tile, Other Techniques
4. No-Tilling Sorghum, Canola & Other Specialty Crops
5. Becoming More Effective With My Sprayer
6. For Kinze No-Till Planter Owners Only
7. Steps For Successfully Strip-Tilling Soybeans
8. Micronutrients — Why, When, Where And How?
9. Getting Guidance On Guidance Systems
10. Using Biosolids, Sludge And Other Waste Products
11. Surefire Tips To Stop Voles, Varmints
12. Transitioning From CRP To No-Tilled Crops
13. Cover Crop Strategies In The Plains
14. Cover Crop Strategies In Missouri
15. Cover Crop Strategies In Iowa
16. Cover Crop Strategies In Illinois
17. Cover Crop Strategies In Indiana
18. Cover Crop Strategies In Ohio
19. Cover Crop Strategies In The Great Lakes
20. Cover Crop Strategies In The Northeast, Mid-Atlantic

### 5:40 to 7:35 p.m. "Dinner Time."

Enjoy some of the best restaurants in downtown Cincinnati while discussing today's topics and networking with fellow no-tillers.

### 7:40 to 7:45 p.m. "National No-Tillage Conference Outstanding Speaker Awards."

You told us by your vote which presenters had the best sessions in 2014. We take a moment to recognize and thank them.

### 7:45 to 8:30 p.m. "Conquering Slugs In No-Till By Thinking Like A Slug."

Many no-tillers say slugs are becoming the most challenging pest they face. John Tooker will explain the challenges with managing these mollusks in no-tilled crops and address promising slug-control strategies, including the role cover crops may play in slug management.



John Tooker

The Penn State University entomologist will discuss the potential of neonicotinoid seed treatments to exacerbate slug problems in corn and soybeans. Given the spotty nature of slug outbreaks and limited availability of chemical management options, Tooker will also share how biological tactics deployed within Integrated Pest Management may be the best hope for stopping these slimy pests.

### 8:35 to 9:20 p.m. "Preparing For New Approaches To Battle Corn Rootworm."

While Bt hybrids have been highly effective managing Western corn rootworm for the past decade, resistance has developed within pockets of the Corn Belt. Christian Krupke says no-tillers can learn valuable lessons from patterns and trends linking these resistance hot spots in an effort to prolong this helpful technology.



Christian Krupke

The Purdue University entomologist will share his observations as to how no-tillers can avoid resistance from gaining a foothold and ways to improve control of corn rootworm. He will also outline the future of genetically modified corn hybrids that target this most damaging pest of corn and how new technologies will fit with current approaches.

### 9:20 to 9:30 p.m. "Got More No-Till Questions?"

Pose a question to one of our evening general session speakers. Or ask a question that another attending no-tiller can answer. We'll work hard to help you find the answer to your burning question.



## 7:00 a.m. to 5:00 p.m. **"No-Till Registration Time."**

Don't forget to pick up your conference materials and FREE reports and books valued at \$299.60.

## 8:10 to 9:10 a.m. **"Choose From 6 More Top-Notch No-Till Classrooms."**

You've got six more intriguing no-till classrooms to choose from to help you make a big impact on your 2015 cropping operation.

### **No-Till Classroom #12...**

#### **"The Big Value Of Adding Wheat To Your Never-Till System."**

What are some of the challenges farmers face when switching from conventional tillage systems to no-tilling summer crops? What are the challenges — and benefits — when incorporating no-till small grains into your cropping rotation?

David Hula will challenge you to consider adding no-till wheat to help your corn and soybean yields hit higher yields in years to come. The Charles City, Va., no-tiller will describe how he has been able to incorporate a "never-till" program on a three-crop, 2-year rotation and explain why he believes small grains are an essential part to a highly functioning no-till system.



David Hula

### **No-Till Classroom #13...**

#### **"Measures For Protecting, Building Quality No-Till Soils."**

The rolling hills and bottomlands of south-eastern Iowa are anything but simple to farm, leaving Steve Berger and his father, Dennis, with the challenge of saving their soil while building it up. Through 36 years of no-till, the Bergers have gained a lot of knowledge on how to manage residue within crop production to develop a highly functioning microbial system.

The Wellman, Iowa, no-tiller will explain the use of cover crops like cereal rye in a corn-soybean rotation and how they utilize hog manure effectively from their farrow-to-finish swine operation — all with the aim of leaving soils better than when the Bergers started farming them.



Steve Berger

### **No-Till Classroom #14...**

#### **"GPS, Precision Basics For The Small-Acreage No-Tiller."**

It's common for no-tillers managing an efficient, smaller operation to think that they don't have enough mass or acreage to support GPS and precision technology. PJ McCullough will help you understand how you might be able to benefit from the new technology era.

The precision specialist with McCullough Implement in Watseka, Ill., will demonstrate the different ways you may be able to apply GPS technology in your operation and offer up a cost analysis based on the differences in accuracy and application input savings of varying GPS systems.

### **No-Till Classroom #15...**

#### **"Improving Soil Structure, Reducing Compaction Naturally Within No-Till."**

Long-term studies show soil compaction reduces yields by 30%. Jim Hoorman says poor soil structure and compaction are common, especially where conventional tillage has been used extensively, but even no-tillers often see little improvement or slow gains in soil structure.



Jim Hoorman

The Ohio State Extension educator will reveal how cover crops used in conjunction with no-till is the key to increasing the soil organic matter content of your soils and improving soil structure. That, Hoorman says, will lead to increased water infiltration and water-holding capacity and a gradual decrease in soil compaction.

### **No-Till Classroom #16...**

#### **"Balancing Insecticide Use And Soil Health Through An IPM Approach."**

Integrated Pest Management is more than just knowing what to spray and when, John Tooker says. The Penn State University entomologist says no-tillers need to think more broadly about their approach to insect control to consider how use of insecticides impact soil health, onfarm diversity of beneficial insects and whole farming systems.

Tooker will look at how you can lessen dependence on insecticides for control of slugs and other pests of corn and soybeans to capture the benefits of helpful insects and improve your no-till production system.

### **No-Till Classroom #17...**

#### **"Making Quality Decisions With Soil Testing, Fertility, Seeding Equipment And Intense Cropping Rotations."**

With a dozen crops, 850 Angus cows and nearly 3,000 Angus bulls for lease or sale annually, efficiency is critical for Jorgensen Land & Cattle. Bryan Jorgensen will share how the Ideal, S.D., no-till operation applies most of its nutrients through the planter or air drill and factors that lead them to make foliar applications of micronutrients.

Jorgensen will share equipment setups that allow them to no-till a wide variety of crops into varying levels of residue and how cover crops provide the opportunity to improve soil biology in cropping acres while offering valuable feed for cattle. Finally, he will share more details on cropping diversity and rotations based upon windows of opportunity.



Bryan Jorgensen

## 9:10 to 9:40 a.m. **"Networking/Refreshment Break."**

Continue discussions from the morning's general session **with coffee and refreshments** courtesy of Nutra-Flo & PureGrade Liquid Fertilizers. Gear up for a couple of informative in-depth general sessions.



## 9:45 to 10:35 a.m. **"Combine Settings To Manage No-Till Residue, Harvest Top Yields."**

Marion Calmer takes corn harvest seriously. The no-tiller from Alpha, Ill., knows a properly adjusted combine will allow him to harvest every kernel possible, but he needs to process residue so he can no-till next year's crop with limited interference from last year's trash.

Bt stalks, no-till corn-on-corn, narrower rows, higher populations and fungicides all make corn residue difficult to decompose and turn into humus and organic matter. Calmer will offer his best tips for a highly functioning combine, including his No. 1 most profitable combine adjustment.



Marion Calmer

## 10:40 to 11:30 a.m. **"YEP — The No-Till Corn Management System That Offers Results."**

David Hula understands that managing for yield, environmental stewardship and profitability with no-till corn is achievable in today's world of agriculture. Farming in an environmentally sensitive area along the banks of the James River, a tributary of the Chesapeake Bay, led Hula to develop the YEP (yield, environment and profit) corn management system.

The national high-yield corn champion from Charles City, Va., will share guiding principles and key tenets of YEP, as well as how it works with his "never-till" system as a key to raising better than 400-bushel corn.

**11:45 a.m. to 1:40 p.m. "The Annual NNTC Luncheon With Support From Agro-Culture."**

*(Included in your no-till conference registration fee.)*



**"2014 No-Till Product Of The Year Awards."**

As selected by *No-Till Farmer* readers, awards will be presented for outstanding innovations in 12 product categories. In addition, we'll recognize the overall No-Till Product of the Year from 2014.

**"7th Annual Responsible Nutrient Management Practitioners Program."**

Agro-Culture Liquid Fertilizers and *No-Till Farmer* will recognize three no-tillers judged to be environmentally, economically and practically responsible with their no-till nutrient management programs.



The fertility practices and techniques utilized by these no-tillers — recognized as Responsible Nutrient Management Practitioners — will provide you with valuable ideas to consider in your own no-till operation.

**1:55 to 2:55 p.m. "17 Even Better No-Till Roundtables."**

Once you determine which of the following 17 sessions to attend, send others from your farm to other sessions so you can later swap dozens of great ideas that you can add to your 2015 no-till operation.

21. Additives For Getting A Good Glyphosate Kill
22. For Case IH No-Till Planter Owners Only
23. Mycorrhizae, Humic Acid & Soil-Building Banter
24. Tips For A Smooth Transition To The Next Generation
25. Confidently Strip-Tilling Continuous Corn
26. Slick Sidedressing Tips For Applying Nitrogen
27. Talking No-Till Alfalfa, Forage Crops
28. Getting A Grip On Gypsum Ground Rules
29. Selling No-Till To Landlords To Gain Acres
30. Finding A Fit For Non-GMO Crops On My Farm
31. No-Tilling Cotton, Other Southern Crops
32. Ways To Restore Wash-Outs, Previously Tilled Land
33. Figuring Out A Biological Approach To Pest Control
34. Making No-Till Air Seeders Perform Better
35. Ways To Improve Cover Crop Stands
36. Accommodating Cover Crops To Fit Your Rotation
37. Cover Cropping To Reduce Applied Fertilizer

**2:55 to 3:30 p.m. "Networking/Refreshment Break."**

Take a break courtesy of Nutra-Flo & Pure-Grade Liquid Fertilizer while sharing more no-till ideas with your colleagues. Then get ready to choose from six more sensational no-till classrooms.



**3:30 to 4:30 p.m. "Choose From 6 Top-Notch No-Till Classrooms."**

You've got six more intriguing no-till classrooms to choose from that can help you make the biggest impact on your cropping operation in 2015. By bringing additional farm or family members to the conference, you can split up and acquire more no-till knowledge.

**No-Till Classroom #18...**

**"No-Till Cropping In Dairy Systems That Are Sustainable, Profitable."**

Dairy farming is in the bloodlines of Franke Dijkstra's Dutch ancestors. For nearly 40 years, the Brazilian farmer has found no-till to be the ideal system to raise the forage necessary for his herd to produce anywhere from 5,000 to 6,500 gallons of milk per acre.

Dijkstra will explain how animal waste is recycled to the soil and composted for biogas energy in an environmentally benign model. He will also share how cover cropping fits into his intensive cropping system to make the union between cattle and cropping to be more profitable.

**No-Till Classroom #19...**

**"Managing Annual Ryegrass In No-Till — It's All About The Details."**

Annual ryegrass is one of the more economical cover crops and provides numerous benefits to no-tilled soils. Yet some farmers are hesitant to use it because of reports that it can be difficult to manage.

Dan Towery, no-till consultant with Ag Conservation Solutions in Lafayette, Ind., says that while it's true farmers need to pay attention to details, seeding annual ryegrass and understanding the requirements to properly desiccate it will provide no-tillers the confidence to cover their farmland with this valuable tool. Towery will describe the best management practices gleaned from 20 years of experience.



**Dan Towery**

**No-Till Classroom #20...**

**"Big Data — Discovering The Value Of An Underutilized Asset."**

Scott Shearer says big data has the potential to generate the next big productivity gains in agriculture. The Ohio State University ag engineer and precision specialist will highlight trends affecting the application of big data to agricultural production.

Shearer will dig into sensor densification of field machinery; aggregation, storage and analysis of data; rapid, in-field phenotyping; other disruptive technologies; and governmental and corporate policies that may alter the rate of adoption.



**Scott Shearer**

**No-Till Classroom #21...**

**"How To Manage The Breakdown Of Crop Residue."**

Undecayed corn stalks and other plant residue can lead to disease and insect infestations, soils slow to warm in the spring, volunteer corn and challenges for planting equipment and seedling emergence. And while residue provides protection to soils, it's a source of valuable nutrients to the following crop when released properly.

Doug Miller, an agronomist and president of Midwest Bio-Tech in Erie, Ill., will review the role of temperature, moisture and nitrogen in the decay process. He will share the pros and cons of various methods used to accelerate residue breakdown, including machinery, cover crops, fertilizer and biological additives.



**Doug Miller**

**No-Till Classroom #22...**

**"Taking A Continuous Improvement Approach To Strip-Tilled Corn."**

Mike Shuter knows it's just not good enough to continuously no-till or strip-till — even, in some cases, for more than 30 years. The Frankton, Ind., farmer has made a conscious effort to more efficiently apply fertilizer and improve soil biology in his corn-corn-soybeans operation.

Shuter will describe how he has used Veris electrical conductivity tools to set up variable fertilizer applications, as well as OptRx sensors to identify foliar nutritional needs. Just 5 years ago, Sunset Farms began using cover crops and now have designed its own 120-foot cover crop seeder. He will also provide details on their strip-till corn system, including how they manage residue whether coming out of soybeans or going back into corn stalks.



**Mike Shuter**



## No-Till Classroom #23...

### **"Fighting Erosion, Using 'Waste,' Cover Crops, Technology & Other Practices That Make No-Till Tick."**

With more than 40 years experience no-tilling, western Kentucky farmer Jerry Peery has faced many struggles and realized triumphs in no-tilling. The owner of Springhill Farms near Clinton, Ky., will provide an overview of the strategies and tactics he implements in his 1,600-acre corn and soybean operation.



**Jerry Peery**

The no-tiller will review the effort he's taken to control erosion in highly erodible soils, the use of an industrial "waste" byproduct that helps build soil organic matter and improve moisture retention, planter setups, cover-cropping practices, new technologies for more precise farming, variable-rate seeding, soybean population studies, split applications of nutrients, soil-health testing and more. Peery will also examine the tactics that helped him harvest record crop yields in 2013.

### **4:35 to 5:35 p.m. "Another Set Of 17 Engaging No-Till Roundtables."**

The third set of 17 no-till roundtables gives you another chance for valuable "one-on-one" learning with no-till colleagues. It's also your opportunity to find an answer to a dilemma or be a hero to another no-tiller by offering your own farm-tested advice.

- 38. Building Up Organic Matter, Earthworms, Soil Life
- 39. Working Wonders With No-Till Wheat
- 40. Testing True One-Pass No-Till Planting, Fertility Techniques
- 41. Sorting Through Strip-Till Fertilizer Strategies
- 42. 22s? 20s? 15s? 12s? Narrow-Row Corn Concepts
- 43. Finding Synergy With Manure, No-Till
- 44. Figuring Out Variable-Rate Nitrogen, Crop Sensing
- 45. No-Tilling Vegetables As A Value-Added Alternative
- 46. Tools, Tactics To Protect Tires From Stubble

## SATURDAY, JANUARY 17...

### **8:00 to 9:00 a.m. "Choose From The Final Set Of 5 In-Depth No-Till Classrooms."**

Decide which of these five learning opportunities will most help you improve your no-till operation in 2015.

## No-Till Classroom #24...

### **"Identifying A Natural Path To Less Applied Fertilizer."**

More than 35 years ago, David Brandt began the process of trying to increase corn yields by producing more nitrogen when he planted hairy vetch and winter peas as a cover crop. Today, the Carroll, Ohio, no-tiller has realized the improvements he began making to soil health 4 decades ago have led him to reduce his applied fertilizer inputs.

Brandt will share the best practices with cover crops that have allowed him to go from 170 pounds of nitrogen on fields with no cover to as low as 20 pounds per acre on fields where soil health has improved dramatically with long-term use of cover crops. He will share the benefits of hairy vetch, Austrian winter peas, cow peas and sunn hemp to supplement nitrogen, and why he uses at least two species of cover crops in each field.

## No-Till Classroom #25...

### **"Getting A Handle On Tools To Measure The Health Of No-Tilled Soils."**

Several new tools are available today that can help no-tillers get a better handle on the amount of soil biological activity and adjustments that can be made to their fertility program. Dan Towery, no-till consultant



**Hans Kok**

- 47. Getting Soil Into Proper pH Balance
- 48. Fighting Slugs, Rootworms, Other No-Till Insects
- 49. Profit-Building Steps To No-Till Soybeans With The Planter
- 50. Simplifying Precision, Monitors From The Cab
- 51. Selecting Cover Crop Mixes Based On Goals
- 52. Working With Radishes Within The No-Till Rotation
- 53. Cereal Rye Cover Cropping Strategies
- 54. Taking The Angst Out Of Annual Ryegrass As A Cover

### **6:00 to 6:45 p.m. "Slow Down At The NNTC Reception After A Productive Day Of No-Till Learning And Networking."**

Relax and visit with no-till conference friends at the event's cash bar and reception right before the annual banquet.

### **6:45 to 9:15 p.m. "Enjoy A Great Night At The National No-Tillage Conference Gala."**

(Included in your no-till conference registration fee.)

### **"Introducing The Latest Class Of No-Till Innovators."**

After a fabulous dinner, we'll start the night's festivities with the unveiling of the 19th class of inductees into the No-Till Innovator Awards program, co-sponsored by Syngenta and No-Till Farmer.

### **"Clean Farm Funnies, Magic & Life Lessons."**

It's time to give your brain a rest, laugh a lot and be stumped by the sleight of hand of Lyndy Phillips. The Dallas, Texas, comedian, magician and preacher will share the funny side of growing up as a small-town farm boy to becoming a preacher, speaker and entertainer. Whether it's the stress of having enough money to last until harvest, the disappointment of markets or praying for rain, Lyndy has experienced firsthand the ups-and-downs of farm life. You'll learn how Lyndy discovered life on the farm teaches you everything you need to know about faith, life and survival — delivered with his quirky sense of humor and entertaining sleight of hand.



**Lyndy Phillips**

## No-Till Classroom #26...

### **"Putting The Effort Into High-Yielding No-Till Soybeans."**

While many farmers shortchange their efforts with no-tilled soybeans, Brian Kitterman has gone all in on 5,200 acres at Harford City, Ind. The field manager for Kline Family Farms has been no-tilling twin-row soybeans on 30-inch centers for 10 years.

He will share how the farm has reduced seeding rates while improving seeding depth and stand uniformity, and how the 22-inch spacing between rows allows them to make multiple post passes for herbicide and foliar feeding without stand reductions. Kitterman will also share some insights into their strip-till corn system and how they engage with landlords on the value of no-till and strip-till to get the upper hand on the competition for land rental.

## No-Till Classroom #27...

### **"Taking The No-Till Planter To The Field In Tip-Top Shape."**

**Note:** This is a repeat of Classroom #5 conducted by no-till planter specialist Bill Lehmkuhl. (See Page 4 for session description.)



## No-Till Classroom #28...

### "Tackling Challenges In A Continuous No-Till System."

With more than 3 decades experience with continuous no-till, Roger Harrington knows some of the challenges farmers face in making this system work. The Ollie, Iowa, no-tiller raises 1,300 acres of corn, soybeans and alfalfa on rolling ground in southeast Iowa, and will share what he's done with drainage and soil management to limit erosion and protect highly productive farmland.



Roger Harrington

Harrington will examine some of the equipment updates he's made recently, including challenges to implementing newer precision technologies. He will also look at successes and failures experienced using cover crops, the management of diseases like sudden death syndrome, tips for no-tilling alfalfa, seed selection, fertility practices and ways to improve corn stands when no-tilling into corn or soybean residue.

### 9:00 to 10:00 a.m. "15 More High-Value No-Till Roundtables To Gather Ideas & Solutions."

Select from 15 No-Till Roundtables where you can ask questions and discuss and contribute practical, field-proven ideas on a specific topic. If you came with a group, split up to take in more no-till learning.

55. Combine Adjustments, Add-Ons To Aid No-Till
56. I Need To Solve My Compaction Woes
57. Let's Talk About Tough-To-Control Weeds
58. What To Do With All This Data?
59. Delightful No-Till Drill Seeding Improvements
60. Making Livestock Fit In A No-Till Rotation
61. For John Deere No-Till Planter Owners Only
62. Figuring Out Nitrogen Formulations, Application Strategies
63. Benefiting From Drones, Aerial Mapping
64. GPS, Precision Start-Ups For Small-Acreage No-Tillers
65. Time To Twin-Row No-Tilled Corn, Soybeans?
66. Will Vertical Tillage Wreck Or Work In My No-Till System?
67. Talking Diseases, Nematodes, Goss's Wilt & More
68. What Could I Do Better With P & K?
69. My Strip-Till Berms Are Bumping Me Out

### 10:00 to 10:30 a.m. "Last Chance For Valuable Networking In The Hallways."



Take this final break opportunity courtesy of Nutra-Flo & Pure-Grade Liquid Fertilizers to visit with fellow no-tillers and sponsors before the final set of classrooms and general sessions that conclude this 23rd annual conference.

### 10:35 to 11:20 a.m. "Supervised Autonomy In No-Till Crop Production."

Scott Shearer says precision ag technologies continue to drive much of the iron development for North American farm equipment manufacturers. High on the list of value-added improvements is larger, faster and more efficient equipment.

The Ohio State University ag engineer and precision specialist says a disruptive technology is coming on the horizon that may significantly alter the future of agriculture. He will outline current factors influencing the trend toward supervised autonomy — unmanned agricultural field machinery.

### 11:20 a.m. to 12:05 p.m. "Ways To No-Till That Improve Yields & Profits While Protecting Natural Resources."

As a farmer, Bret Margraf understands the need to be a businessman and be profitable. As a nutrient management specialist for the Seneca County Conservation District, the no-tiller wants to balance profitability with protecting natural resources. The no-tiller will offer up the best techniques used on his McCutchenville, Ohio, farm where he no-tills corn, soybeans and wheat.



Bret Margraf

Margraf will share practices that are raising soil organic matter, increasing water infiltration rates and lifting yields. He will also share lessons learned with onfarm studies looking at bulk density testing within controlled traffic patterns, edge-of-field water monitoring, soil stratification levels, water infiltration rates and soil health.

### 12:05 to 12:10 p.m. "Get Ready To Put All That No-Till Knowledge To Work."

The *No-Till Farmer* staff will send you home with a final encouragement to improve your no-till system in 2015 as we wrap up the 23rd edition of the National No-Tillage Conference.

## Still Another Great Spouse Program!

A FREE 4-day program for spouses is also part of this 23rd annual event. In fact, these special sessions were put together by no-tilling spouses.

To receive your copy of the program, visit NoTill-Conference.com or call Alice Musser today at (800) 645-8455, ext. 413, and ask her to drop one in the mail to you right away.

## We Fully Guarantee Your Satisfaction!!!

I've covered no-till for 43 years and I've picked up hundreds of new no-till techniques, tips and strategies during the first 22 years of the National No-Tillage Conference to share with *No-Till Farmer* readers.

That's why if this highly intensive, information-filled no-tillage conference isn't everything we promise, write me and I'll send you a full 100% refund. Take up to 6 months to decide so that you can measure the return on your investment from this unique learning experience.

For more than 4 decades, no-tillers have trusted *No-Till Farmer* to deliver unbiased no-tilling information. Hosting this annual event is still another way for us to help you continue your no-till education, not just through the talented and informative speakers and classroom presenters, but with the valuable networking opportunities that occur through the 69 No-Till Roundtables and hallway conversations.

This unsurpassed guarantee ought to convince you that we're worthy of your trust and attendance at the 23rd annual National No-Tillage Conference coming up this January 14 to 17, 2015.

**See You In Cincinnati!**



*Frank Desitter*

Register today at [www.NoTillConference.com](http://www.NoTillConference.com) or call (866) 839-8455!

# 13 Reasons Why This No-Till Event Is The Most Valuable Learning Experience You'll Have In 2015!

- 1 FEATURING** an extremely valuable combination of 17 general session presenters, 28 No-Till Classrooms and 69 "face-to-face" No-Till Roundtables earning a "see-it-here-first" reputation unlike any other event.
  - 2 RECOGNIZING** that every minute of this intensive, 4-day, no-nonsense event is geared toward leading you to more profitable no-tilling in 2015.
  - 3 TAPPING** the expertise of leading no-till innovators during 4 days of highly intensive "nonstop" hallway networking.
  - 4 AVOIDING** dozens of costly time- and \$\$\$-wasting mistakes that have already been made by fellow no-till attendees.
  - 5 DELIVERING** equipment modification tips and thought-provoking product innovations in a powerful 4-day, nonstop learning environment.
  - 6 DISCOVERING** new ideas and opinions guaranteed to meet your cropping needs in an extraordinary "one-of-a-kind, no-till think-tank" atmosphere.
  - 7 CAPITALIZING** on the latest field-proven ideas for solving the most critical no-till problems that you face each day.
  - 8 PROVIDING** an in-depth, unbiased no-till program offering state-of-the-art ideas to meet your specific needs without pushing specific system ideas, cropping techniques or government agendas.
  - 9 STEERING** this event are no-tillers just like you. The opinions and suggestions of the previous year's attendees keep the program directly relevant to your needs and the problems you face each day in the field.
  - 10 BUILDING** a dynamic "This Conference Is For Me" style program that will deliver a healthy shot of adrenaline and valuable ideas for 2015.
  - 11 OFFERING** three distinct styles of learning spread over 114 sessions hailed as a breath of fresh air for the entire no-till community.
  - 12 DEVELOPING** a network of fellow no-tillers who can help you solve no-till challenges at the conference and into the future.
  - 13 REAPING** the best return on investment of any single learning activity you'll be part of in 2015!
- We've listened to what you want and need in the way of high-quality no-till education. The result is a no-holds-barred, one-of-a-kind conference with a top-notch reputation for delivering nonstop, focused no-till solutions.

***See You In Cincinnati!***

## Reserve Your Room At The Host Hilton!

The host Hilton Cincinnati Netherland Plaza Hotel will be the host site for the **23rd annual National No-Tillage Conference**.

You can reserve your rooms at the special National No-Tillage Conference rate of **\$104 per night** by calling 1-800-HILTONS (1-800-445-8667). ***Make sure you mention the code NNT*** to get the special rate. You may also make room reservations online when you visit [www.NoTillConference.com](http://www.NoTillConference.com).

**Room availability is limited, so be sure to make your room reservations as soon as possible!**

The Hilton Cincinnati Netherland Plaza is a registered National Historic Landmark. Experience an unforgettable stay surrounded by classic architecture and modern hospitality.





# YOURS FREE! \$299.60 Of Valuable No-Till Reports, Guides

These special “No-Till Bonuses” provide nearly 1,000 pages of essential, innovative no-till information that’s worth even more than the value of your conference registration fee. It’s all yours **FREE** for the commitment you’ve made in taking your no-till operation to the next level by attending our nationally acclaimed no-tillage conference.

Your no-till learning shouldn’t end on the final day of the National No-Tillage Conference. To meet your constantly changing no-till system needs, you’ll find plenty of valuable tips, techniques and tricks that you can put to immediate use in these 8 **FREE** “No-Till Bonuses.”

Loaded with hundreds of top-notch nuts and bolts ideas, these nearly 1,000 pages of valuable reference materials offer information that you certainly won’t want to be without when finalizing your no-till strategy during the coming crop-production season.

## Bonus #1

### Strategies, Techniques And Tactics Guaranteed To Increase Your No-Till Profits In 2015

This exclusive hands-on no-tilling manual contains hundreds of farm-tested ideas and plenty of research data to make your no-till operation more profitable and successful in 2015.

**Bonus Value: \$89.95**

## Bonus #2

### No-Till Farmer & Conservation Tillage Guide

Each registered attendee receives a **FREE** 1-year subscription to *No-Till Farmer* delivered monthly, including 8 issues of the popular 16-page newsletter and 4 issues of the info-packed *Conservation Tillage Guide* quarterly magazine.

**Bonus Value: \$44.95**

## Bonus #3

### Farm Catalog

This specialty product directory serves as a year-round reference to the latest innovative products from more than 100 shortline farm machinery manufacturers and suppliers.

**Bonus Value: \$29.95**

## Bonus #4

### The Top 10 Presentations From The 2014 NNTC

We’ve handpicked the best presentations from last year’s conference in Springfield, Ill. **Brought to you courtesy of Nufarm Americas Inc.**, this CD contains both actual audio and PowerPoint files from the best no-till presentations.



**Bonus Value: \$79.95**

## 4 EASY WAYS TO REGISTER



**PHONE:** Call (866) 839-8455 or (262) 782-4480 (with your credit card handy) to register for the January 14 to 17, 2015, National No-Tillage Conference.



**FAX:** Just fax the registration form on the back of this page to (262) 786-5564.



**MAIL:** Send the registration form on the back of this page to NNTC, P.O. Box 624, Brookfield, WI 53008-0624.



**ONLINE:** Registration is available and secure at the *No-Till Farmer* website: [www.NoTillConference.com](http://www.NoTillConference.com).

## Bonus #5

### Top Tips For Raising High-Yielding No-Till Soybeans

This brand-new, special 36-page management report takes a 360-degree view of things no-tillers should consider to be more successful with no-tilled soybeans. *No-Till Farmer* editors examine tips for more accurate seed placement, ways to fight the most troublesome pests and other useful no-till soybean strategies.

**Bonus Value: \$15.95**

## Bonus #6

### Winning Strategies For No-Tilling Small Grains

Small grains like wheat, oats, barley and more are well-known as outstanding rotational tools with corn and soybeans in a no-till system. The editors of *No-Till Farmer* take a serious review of ways to raise yields and be more profitable. Get valuable seeding tips, steps to avoid the troubling problem of green bridge, double-cropping opportunities, pest control tactics, cover cropping and more.

**Bonus Value: \$15.95**

## Bonus #7

### Getting More From Your Farm Tires

This brand-new, 28-page report from *No-Till Farmer* editors looks at new technologies and proven tips to avoid soil compaction, steps to avoid damage from tough crop residue and what you ought to consider to make the right tire choices in your operation.

**Bonus Value: \$12.95**

## Bonus #8

### 181 No-Till Ideas To Improve Your No-Till Operation

This brand-new, quick-hitting report from *No-Till Farmer* captures the best ideas shared during the 76 roundtables at the 2014 National No-Tillage Conference in Springfield, Ill.

**Bonus Value: \$9.95**

## Total FREE “Bonus Report” Value For NNTC Attendees...\$299.60

**Adding lunch, banquet and networking breaks, the value of these reports and publications hits \$397.60 ... much more than the cost of registering for this first-class educational conference on no-till.**

Register today at [www.NoTillConference.com](http://www.NoTillConference.com) or call (866) 839-8455!

## 23rd Annual National No-Tillage Conference

Hosted by *No-Till Farmer*

P.O. Box 624, Brookfield, WI  
53008-0624

**Telephone:** (866) 839-8455 (U.S. and  
Canada only) or call (262) 782-4480

**Fax:** (262) 786-5564

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Complete No-Till Program . . . **Pages 2 to 9**

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69 No-Till Roundtables . . . . . **Pages 4 to 8**

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\$299.60 of **FREE Bonuses** . . . . . **Page 11**

### Get A Really Quick Payback!

Last winter's National No-Tillage Conference attendees took home an average of **\$14,924.79**  
in new ideas that they put to immediate use in their no-till system. **You can do the same in 2015!**

—2014 National No-Tillage Conference Attendee Survey

### Primary Registrant:

☐ Register me at the address below.

Name: \_\_\_\_\_

Farm or Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

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

Zip/Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_

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☐ Register me for the Special Soil Health Workshop for \$50.

**If you sign up a 1st-time attendee from your farm or family, you get a FREE *No-Till Farmer* shirt.**

Circle Shirt Size:    S    M    L    XL    2XL    3XL

### Additional Registrant:

Name: \_\_\_\_\_

☐ Same address as primary registrant

Farm or Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

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

Zip/Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

☐ Register me for the Special Soil Health Workshop for \$50.

\*Please attach contact information for any additional attendees.

### Registration Options:

Call (866) 839-8455 or fax or mail back this completed form to the address and fax listed above. Registration forms must be received by 12/31/14 to get the regular rate of \$309 (\$50 savings off the onsite rate!)

#### #1 Full Conference Registration \$309

\_\_\_\_\_ **1** attendee x \$309 = \$ **309**

#### #2 Additional Attendees From Our Farm Or Family Registration \$282 each

\_\_\_\_\_ attendees x \$282 = \$ \_\_\_\_\_

Additional Banquet Tickets \_\_\_\_\_ \$49 each = \_\_\_\_\_

#### #3 Special Soil Health Workshop \$50

(See Pg. 2 for details. Must be a registered attendee to attend workshop)

\_\_\_\_\_ attendees x \$50 = \$ \_\_\_\_\_

**TOTAL DUE:** \$ \_\_\_\_\_

### Payment Information:

Payment Type: ☐ Visa ☐ MC ☐ AmEx ☐ Discover ☐ Check  
(please make checks payable to No-Till Farmer, in U.S. funds only)

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### For hotel reservations contact:

Hilton Cincinnati Netherland Plaza  
35 W. Fifth St., Cincinnati, OH 45202-2899  
Phone: 1-800-HILTONS (1-800-445-8667)

When making reservations, mention the code "NNT" to receive the \$104 per night cost-saving rate.

\*Hotel room cut-off is December 22, 2014, or until allocated rooms are sold out.