



27th Annual NATIONAL NO-TILLAGE CONFERENCE

January 8-11, 2019 • Indianapolis, IN

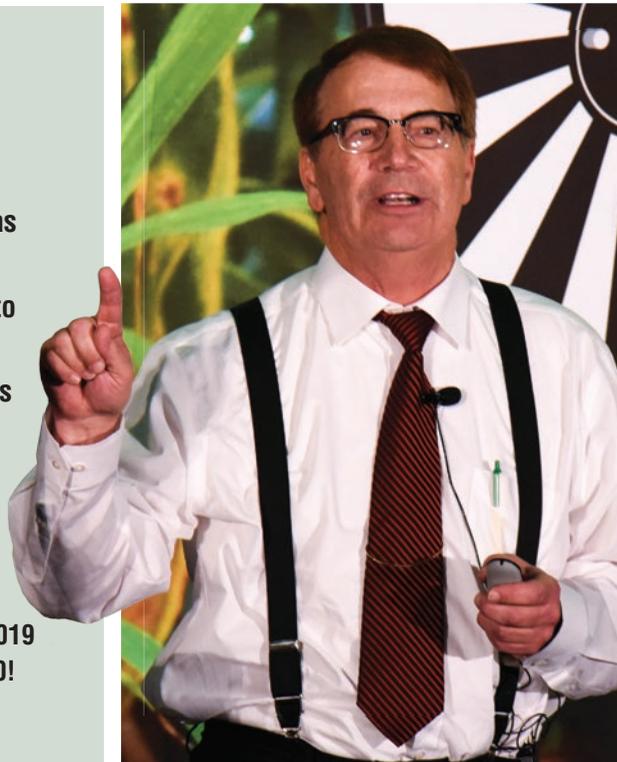
REVVING UP No-Till SYSTEMS

The 27th annual National No-Tillage Conference, to be held January 8-11, 2019, in Indianapolis, Ind., will bring to Indiana's bustling, exciting state capitol all the resources, information and networking opportunities you need to get your no-till operation off the starting line in record time in 2019.

You won't want to miss this! See the highlights:

- ✓ Impactful Learning, Actionable Ideas from Nearly 40 Top-Notch Speakers
- ✓ 81 Roundtables to Seek Answers to Your Toughest No-Till Challenges
- ✓ Exclusive Workshops on Strategies for Succeeding with Cover Crops
- ✓ Three Meals, Two Receptions, Three Networking Breaks for Valuable Networking
- ✓ Conference Bag Stuffed with New Reports, Useful No-Till Info & New 2019 NNTC Hat — a Total Value of \$137.70!

...AND MUCH MORE!



Essential Networking! Impactful Learning!

See you January 8-11, 2019, in Indianapolis!

Co-Sponsored by *No-Till Farmer* and These Leading No-Till Suppliers:



Register Online Today at www.NoTillConference.com!

27th Annual National No-Tillage Conference • January 8-11, 2019 • Indianapolis, IN

Get Your Growing Season Off to a Fast Start During 4 Days of Invaluable Learning in Indianapolis!

For more than a quarter of a century, the National No-Tillage Conference has been providing the practical tips and information you need to run a more successful no-till operation. In our 27th year, we're ready to do it again as our event convenes in beautiful downtown Indianapolis.

Behind the theme, "Pathways to No-Till Profitability," we've lined up **nearly 40 top-notch no-tillers, agronomists, researchers and other no-till experts** to deliver innovative ideas that can help you get the most out of your no-till farming system. This powerful annual

conference offers **two early-arrival workshops, 13 General Sessions, 23 No-Till Classrooms and 81 No-Till Roundtables** — plus valuable pesticide recertification and Certified Crop Advisor credits are available to qualifying attendees.

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 January event that kicks off the 2019 crop production season. Don't miss out!

TUESDAY, JANUARY 8

9:00 a.m. to 7:30 p.m. "No-Till Registration Time."

Get registered! Pick up your conference materials, including FREE Special No-Till Reports valued at \$137.70.

10:00 a.m. to Noon "Special Members Only Workshop — Training the Trainers on Cover Crop Adoption."

(This workshop, limited to 75 attendees, costs just \$75 to attend and is available only to paid registered NNTC attendees. Sign up for this workshop using the form on Page 12.)

Pennsylvania no-tiller and cover crop educator Steve Groff will host a seminar for agronomists, seed salespeople, NRCS/Extension agents, researchers and other stakeholders in agriculture whose job is to work with growers to adopt cover crops and provide technical assistance or guidance.

Groff will cover roadblocks to adoption, setting realistic goals, what to do or NOT do when sharing anecdotes from innovators, and how to help growers understand the proper mindset for successful adoption. He'll also cover mistakes cover crop seed salespeople need



Steve Groff

to avoid and share some tips for organizing field days that are helpful for growers.

2:00 to 5:00 p.m. "Special Members Only Workshop — Cover Crop Basics for Rookies and Early Adopters."

(This workshop, limited to 75 attendees, costs just \$75 to attend and is available only to paid registered NNTC attendees. Sign up for this workshop using the form on Page 12.)

Shifting gears Tuesday afternoon, Pennsylvania no-tiller and cover crop educator Steve Groff will provide valuable guidance and strategies to farmers for getting off the starting block with cover crops in a session geared toward cover crop rookies or those early in the adoption process.

Groff will discuss the mentality needed to make cover crops work, how to set realistic goals, evaluating the payback on covers and the pros and cons of different seeding methods. He'll also provide some answers on common challenges for cover crop adopters like termination timing, nitrogen tie-up, herbicide carryover and planting green effectively.

6:30 to 9:30 p.m. "NNTC Welcome Reception."

Get checked into your hotel room and then get set for a relaxing evening with light dinner items and drinks — and some engaging discussion with your fellow no-tillers. Our annual Welcome Reception is made possible with the support of **Topcon, Midwest Bio-Tech, AeroVironment and Praxidyn**. This is the perfect way to network with farmers, sponsors and other conference attendees before you start absorbing 3 days of no-till techniques.



WEDNESDAY, JANUARY 9

6:30 a.m. to 9:00 p.m. "No-Till Registration Time."

6:30 a.m. to 8:20 a.m. "Breakfast on Your Own."

8:20 to 8:30 a.m. "Official Kickoff to the 27th Annual National No-Tillage Conference."

Join us in the Marriott ballroom as the *No-Till Farmer* staff sets the stage for 3 days of intensive no-till learning.

8:30 to 9:20 a.m. "No-Till Isn't Just Planting — It's a Year-Round Ecological System."

No-tillers are known for being solid, traditional and having a steady hand at the wheel. But as farming gets tougher and more complex, there's a need for no-tillers to innovate to be successful in the future, says Trey Hill.

Viewing farming as a creative endeavor, the Rock Hall, Md., no-tiller will share how he effec-



Trey Hill

tively no-tills 13,000 acres of cover crops and cash crops at Harborview Farms while still doing his part to safeguard the environmentally sensitive Chesapeake Bay watershed. He'll discuss the advantages and challenges of planting cash crops green into living cover crops vs. planting brown, and share some of the game-changing goals he's set for his no-till operation.

9:20 to 10:10 a.m. "Getting the Most from Your No-Till Operation by Farming Green."

To Rick Clark, "farming green" is a systematic approach to regenerative soil health and that's what he brings to the 7,000 acres he manages at both Clark Land & Cattle and for his family. A main component of his no-till system is maximizing cover crop performance and planting his cash crops into living covers to build biomass, suppress weeds, recycle nutrients and feed soil microbes.

The Williamsport, Ind., no-tiller of non-GMO



Rick Clark

"I am walking away with 6 to 8 ideas that I would at least like to try on a small amount of acres..."
— Benoit Delbecq, Auburn, Ind.



corn, soybeans, wheat and alfalfa will share details about his unique system of tissue testing cover crops in spring to analyze soil nutrients taken up that could be available for the next cash crop. He'll also share adjustments he's made to successfully no-till crops into green cover crops.

10:30 to 11:30 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...

"Putting Manure in its Place Without Making a Mess of No-Tilled Fields."

The task of injecting liquid manure has always been difficult for no-tillers wanting to utilize the product for its nutrient and soil organic matter benefits, as injection methods can disturb a lot of residue and soil. But corn and soybean farmer and custom hog feeder Phil Reed came up with a solution, designing and building an attachment that injects manure below the soil surface with far less soil and residue disturbance.

The Washington, Iowa, no-tiller will discuss the high-speed, low-draft merits of the Vertical Till Injector for getting manure under the soil surface with better results. He'll also discuss the soil testing and analysis performed on his farm that allows for precise manure and nitrogen application for optimal no-till corn production.



Phil Reed

► NO-TILL CLASSROOM #2...

"Winning Waterway Construction and Maintenance Strategies to Help No-Till Systems Work Efficiently."

With high-intensity rainfall events becoming more numerous, the battle to install, repair or maintain waterways becomes more challenging, says Marion Calmer. The Alpha, Ill., no-tiller recognizes that just because you're no-tilling doesn't mean you can't have problems with soil erosion.

Calmer will discuss why no-till waterways fail and how they can be reshaped; the best way to prepare a no-till seedbed to stand up to water flow; seed mixtures that get you quick regrowth and withstand future attacks; equipment needs and setups; and the best time of year to establish or repair waterways.



Marion Calmer

► NO-TILL CLASSROOM #3...

"Putting More Money in Your Pocket with a Diversified No-Till Operation."

With grain prices remaining stagnant, the balance sheet might seem bleak for many no-tillers. But Jan Layman is putting put more dollars in his family's pockets by being diversified and up to date on seed and fertilizer application technology.

The longtime Kenton, Ohio, no-tiller will share the economic payoffs he's seen by adopting intensive soil sampling methods and utilizing precision fertilizing and seeding technology. Layman will discuss how he's successfully managing more than 600 acres of no-tilled continuous corn on his 4,800-acre farm and finding local markets for the grain. The 2016 Ohio Master Farmer will also share how he's bolstered farm income by starting a custom tiling, excavation and fertilizer application business.



Jan Layman

► NO-TILL CLASSROOM #4...

"Tips for Better No-Till Planter Adjustments and Operation."

When it comes to no-tilling, equipment choices and setups for planters have a major impact on a grower's success during the season. The key to successful no-tilling is understanding the soil and conditions no-tillers have in their own fields and whether the planter equipment, attachments or methods they're using will actually solve their challenges.

Jasa will help no-tillers develop a mindset to work through many variables with no-till planter setups, including proper adjustments to row units and the relationship between disc openers and operating depth. He will also point out pros and cons to planting down the old row vs. between old rows, how to use no-till soil structure to optimize proper planting depth and the importance of weight distribution for the best planting results.



Paul Jasa

► NO-TILL CLASSROOM #5...

"Spring Strategies for Building Soil Health with Cover Crops and No-Till."

Rebuilding soil health and function is the key to regenerating full soil productivity. Cover crops can play multiple roles — scavenging nitrogen, improving infiltration and increasing water-holding capacity — which are critical for achieving maximum production in conservation cropping systems, says Barry Fisher.

The Central Region Leader for the NRCS Soil Health Division will focus on springtime strategies to help avoid any unforeseen circumstances that may limit successful integration of no-till and cover crops, including adaptive nutrient strategies, cover crop termination timing and weed and pest management.



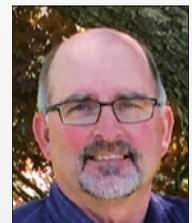
Barry Fisher

► NO-TILL CLASSROOM #6...

"Using Advanced No-Till Seeding Methods to Protect Soils and Improve Soil Health."

Growers have been faced with increasing and more-intense weather events in recent years that challenges their ability to protect and manage their soils to raise productive crops. But if you're willing to look at cover crops as a 'cash crop,' there are seeding practices no-tillers can implement to safeguard soil, water and crops, says Jim Hershey.

The Elizabethtown, Pa., no-tiller and livestock producer will share his experiences in successfully no-tilling cash crops into living cover crops and how he handled challenges interseeding covers to improve soil health. Hershey will discuss what he's learned through his experimentation with row spacing and cover crop selection for interseeding on his 500-acre operation.



Jim Hershey

11:45 a.m. to 1:15 p.m. "The Annual NNTC Luncheon with Support from AgroLiquid."

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

11th Annual Responsible Nutrient Management Practitioners Program

AgroLiquid 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 top-notch no-tillers — recognized as Responsible Nutrient Management Practitioners — will provide you with some valuable ideas to consider in your own no-till operation for the coming year.



Register today at www.NoTillConference.com or call (866) 839-8455!



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1:30 to 2:30 p.m. "20 Super No-Till Roundtables."

Select from 20 No-Till Roundtables where attendees can ask questions, discuss challenges and contribute practical, field-proven ideas on a specific topic. Some longtime 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. Drill Setups for Dynamite Soybean Stands
2. Simple Strategies for Applying Manure Effectively
3. Proven Tips for No-Tilling Vegetables Successfully
4. Super Sidedressing Strategies for No-Tillers
5. Safeguarding No-Tilled Fields from Seed, Soil Diseases
6. Ramping Up Production of No-Tilled Alfalfa, Forages
7. Exclusively for Case IH Planter Users
8. Finding a Fit Using Twin Rows on Your Farm Operation
9. Getting Back to Basics with Strip-Till Berm Building
10. Outstanding Opportunities with Non-GMO Crops
11. Cover Crop Strategies in the Northern Plains, PNW
12. Cover Crop Strategies in the Mid-South, Southeast
13. Cover Crop Strategies in the Northeast, Mid-Atlantic
14. Cover Crop Strategies in the Great Lakes, Ontario
15. Cover Crop Strategies in Ohio
16. Cover Crop Strategies in Indiana
17. Cover Crop Strategies in Illinois
18. Cover Crop Strategies in Iowa
19. Cover Crop Strategies in Missouri
20. Cover Crop Strategies in the Southern & High Plains

2:30 to 3:10 p.m. "Networking/Refreshment Break."

Continue discussions from this afternoon's roundtables and get ready for another round of no-till general sessions with coffee and refreshments courtesy of *No-Till Farmer*.

Harry Young Jr. Memorial Lecture Series
(Made possible with the support of Dawn Equipment)



3:15 to 4:30 p.m. "Making Your Cover Crops Pay Off — Every Day of the Year."

Cover crops have the potential to do many things for no-tillers, one of the most important being improved nutrient cycling in no-tilled soils that can lead to input savings and a healthier bottom line. But many no-tillers are spending \$25-\$30 an acre on covers and still spending too much on fertilizer due to poor nutrient management, says David Brandt.

The veteran no-tiller and cover crop expert from Carroll, Ohio, will help no-tillers understand how they can get more ROI from covers through making the proper adjustments to their farm's nutrient program to reduce fertilizer costs without sacrificing yield. Brandt will also share research data on 25 different corn hybrids seeded into high-biomass cover crops on his farm to examine differences in corn emergence, stands and yield.



David Brandt

4:30 to 5:15 p.m. "Earthworms: Bioengineers and Sentinels of Living No-Tilled Soils."

Most no-tillers know the presence of earthworms is an important sign of healthy soils, but their role in farming systems goes well beyond simply digesting residue and improving water infiltration with the tunnels they burrow, says Paul Reed Hepperly.

The Maryville, Tenn.-based agricultural consultant, educator and scientist has studied earthworms for many years and will highlight little-known facts about earthworm behavior and the important job these belowground creatures play in nutrient recycling and balancing soil acidity and soil health. The former research director at The Rodale Institute will also share how no-tillers can create a more favorable environment for earthworms.



Paul Hepperly

5:15 to 7:20 p.m. "Dinner On Your Own."

7:25 to 8:15 p.m. "Harvest Sunlight, Cater to Covers and Preserve Corn Yields with Wider Rows."

Are you looking for ways to boost soil health without taking fields out of production? Retired John Deere engineer and farm consultant Bob Recker might have the answer: By turning off every other row on your planter and doubling per row populations, 60-inch corn leaves space for cover crops, companion crops, grazing livestock and high-clearance equipment.

Recker, who operates Waterloo, Iowa-based Cedar Valley Innovation, will share how his system — discovered by accident in 2017 and now under study on 23 farms across the Midwest — can help no-tillers build soil health and leverage increased sunlight without dinging corn yields.



Bob Recker

8:15 to 9:05 p.m. "Preparing No-Till Operations for the Digital Revolution in Agriculture."

Many data scientists argue that machine and agronomic data in agriculture fail to meet the definition of "big data." But the combination of technology and venture capital directed at agriculture are changing the landscape with respect to the food system, says Scott Shearer.

The chair of Ohio State University's Department of Food, Agricultural and Biological Engineering will explain how machine learning and cloud computing, the Internet of Things (IoT), data standards and exchange, data ownership, privacy and security, emerging ecosystems and broadband internet access and automation will affect all facets of food systems in the future and how no-tillers should prepare.



Scott Shearer

9:10 to 11:59 p.m. "Wrap Up Your Day at the NNTC Hospitality Event."

(Made possible with the support of Hawkins)

Enjoy this valuable opportunity to network and talk about the day's presentations and hot no-till topics with your fellow no-tillers while enjoying refreshments and light snacks, courtesy of Hawkins.



THURSDAY, JANUARY 10

6:30 a.m. to 6:00 p.m. "No-Till Registration Time."

Get registered! Pick up your conference materials, including FREE Special No-Till Reports valued at \$137.70.

7:00 to 8:00 a.m. "Early Bird No-Till Breakfast Sponsored by Syngenta."

Following the buffet breakfast sponsored by Syngenta, an industry expert will provide you with infor-



*Miravis Ace *Miravis Top

mation and insights on protecting your crops for the upcoming growing season and keeping resistant diseases in check.

8:00 to 8:45 a.m. "Fighting Through the Evolving Landscape of Row Crop Diseases and Finding No-Till Profitability."

Diseases in no-tilled corn, soybeans and wheat are often unpredictable, which leads to a growing environment for plants that is constantly in flux. Resistant diseases such as strobilurin-resistant frogeye leaf spot



"I always learn something new. The sessions are good for stimulating thought and the like-minded farmers present are great for sharing ideas with..."

— Rob Shellhamer, Wabash, Ind.

are spreading each year. Target spot is emerging as a new, important driver disease in Southern soybeans, and Southern rust is moving further north each year, says Carl Bradley.

The plant pathologist at the University of Kentucky will discuss how no-tillers can stay ahead of new disease pressure and further development of resistant diseases; how disease management can fit into the overall program for no-tilling row crops; and how new research and technology can help growers get the upper hand in disease management.



Carl Bradley

9:00 to 10:00 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 #7...

“Applying the Principles of Process Improvement to Your No-Till Farm.”

Many no-till operations are becoming larger and more complex, and involve increasing diversity and numbers of employees and owners working toward a common mission. No-tillers today operate in a global environment where how goods are produced are almost as important as what is produced, which requires growers to consider the importance of process improvement, says Dick Wittman.



Dick Wittman

The 38-year no-till veteran and renowned farm business consultant will explain what process improvement is and where the principle can be applied in no-till operations. He will outline how no-tillers can develop standard operating procedures and identify the risks of operating without them, and discuss how to measure benefits of improved efficiencies and create reward systems for motivating improvement in farming systems and processes.

▶ NO-TILL CLASSROOM #8...

“Making Cover Crop Interseeding a Success Rather than a Lofty No-Till Goal.”

Interseeding cover crops into cash crops holds promise for no-tillers needing help getting them established on time and providing tangible benefits — especially where growing seasons are short. But choosing the right equipment, proper cover crop cocktails and optimal cash crop varieties or hybrids for interseeding can be difficult.

Carroll, Ohio, no-tiller David Brandt will discuss what he’s learned from many years of interseeding cover crops into cash crops on his 1,100-acre farm, including what cover crop species have worked best and what his on-farm data has shown in terms of yield. Brandt will also share how corn hybrid choices and populations factor into successful cover crop establishment.

▶ NO-TILL CLASSROOM #9...

“5 Ways to Speed Up the Payoff for Your No-Till System.”

When it comes to no-till, are you crawling along at 50 mph on your quest for improved soil health and reduced fertilizer costs? There are different approaches growers take that can push the speedometer on their no-till system to 60 mph, 80 mph or more — that is, assuming you can handle it, says Dan Towery and Hans Kok.



Dan Towery



Hans Kok

While it’s not exactly rocket science, the veteran conservation consultants from Indiana will explain the methods and science behind these approaches to revving up no-till systems, including the timing of seeding cover crops, adding wheat in rotations and following with a cover crop cocktail, planting green, grazing cattle and “doing the math” for profit, not yields or organic production.

▶ NO-TILL CLASSROOM #10...

“Leveraging Data and Benchmarks to Develop a More Profitable No-Till System.”

You can’t manage what you don’t measure, as the saying goes. And with modern no-till operations, tracking and analyzing the massive amounts of data being produced via precision technology to investigate management returns can be truly daunting for many growers, says Ron LeMay.



Ron LeMay

The founder of Main Street Data — a firm that has developed tools to measure and improve productivity ranging from agronomics to grain marketing — will share lessons learned through validation, benchmarking and predictive performance as they can be applied to agriculture. He’ll also discuss the value of leveraging data science and machine learning to develop benchmarks that provide insight into the true effectiveness of farming practices, such as no-till, relative to other practices.

▶ NO-TILL CLASSROOM #11...

“Turning Aerial Scouting into a Powerful Tool for No-Till Management.”

There’s a lot going on in no-till fields that isn’t visible from the pickup or tractor seat. Patterns visible from above may be driven by soil variability, weed or pest pressure, climate impacts or equipment malfunction, says Bob Recker. These may or may not be reflected in yield maps, but the cause of the yield map variability may not be obvious at harvest.

Drawing on his experience with aerial scouting by planes, drones and satellite imagery, the operator of Waterloo, Iowa-based Cedar Valley Innovation will illustrate how a view from the air can help no-tillers get a new perspective on crop nutrient uptake, stands, water infiltration, crop maturity, drift issues and other no-till challenges. He’ll also discuss interpretation of aerial scouting results and how to address the problems either immediately or in the next growing season.

▶ NO-TILL CLASSROOM #12...

“Using Watershed-Scale Cover Crops to Keep More Nutrients on No-Tilled Fields.”

Nutrient runoff from fields can enter nearby waterways, harming sensitive species, contaminating water supplies and fueling algal blooms. But researchers at Notre Dame, with collaborators at Indiana University, have been measuring and documenting the effects of winter cover crops seeded in these areas to reduce nutrient losses, says Jennifer Tank.



Jennifer Tank

The Galla professor and director of the Environmental Change Initiative at Notre Dame will share results from the Indiana Watershed Initiative, where the team is measuring nutrient losses from multiple subsurface tile drains and along ditches in two Indiana watersheds where cover crop programs have been implemented. She’ll discuss the effect of cover crops on reducing the loss of nitrate nitrogen and dissolved phosphorus from tiles, and how these reductions influence estimates of watershed nutrient export.

10:10 to 11:10 a.m. “20 Even Better No-Till Roundtables.”

Once you determine which of the following 20 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 2019 no-till operation.

21. Tweaking Your Planter for Successful Soybeans Stands
22. Stretch Your Input Dollars with Biosolids, Sludge
23. Rounding Up Plans for Integrating No-Till and Livestock
24. Using the Right Lime Source to Boost No-Till Productivity
25. Getting a Leg Up on Pesky, Yield-Robbing Slugs
26. Finding Success with Narrow-Row Corn — 12s, 15s, 20s, 22s
27. Making the 'Impossible' Possible with No-Till Organic Systems
28. Incredible Ideas for Improving Irrigation Efficiency
29. Do-It-Yourself Shop Creations for Successful No-Tilling
30. Lifting Up No-Till Efficiencies with Drones
31. Stratification in No-Tilled Soils — a Challenge or Opportunity?
32. Super Strategies for Continuously Strip-Tilled Corn
33. Unbeatable Ideas for Utilizing Precision Ag Data
34. Taking the Fight to Foliar Diseases, Plant Viruses
35. Working Up a Win-Win with Double-Cropping Systems
36. Managing Micronutrients for Magnificent No-Till Yields
37. Getting it Done with One-Pass Planting, Fertilizing
38. Passing the Torch with Successful Farm Succession
39. Discussing Cover Crop Failures, Finding Solutions
40. Practical Practices for Succeeding with Annual Ryegrass

Frank Lessiter Legacy Lecture Series
(Made possible with the
support of Calmer Corn Heads)



11:20 a.m. to 12:20 p.m. "Lessons Learned from 38 years of No-Till Farming Transitions."

Dedication to conservation and community is what's driven Dick Wittman and his family business partners to pursue no-till, combining the practice with a healthy rotation of fall- and spring-seeded crops that comprise a sustainable cropping system among the steep hills of the Palouse.

The Lewiston, Idaho, grower and farm business consultant will profile the evolution of his farm's no-till practices over the last four decades, and the critical support provided by creation of the Pacific Northwest Direct Seed Assn. He'll also cover the importance of balancing economic with environmental benefits to improve profitability and quality of life on no-till operations, examine the value of collaborating with non-traditional partners, and discuss the importance of engaging in policy development related to conservation agriculture.

12:20 to 1:20 p.m. "Lunch on Your Own."

1:30 to 2:20 p.m. "Understanding and Perfecting Conservation Agriculture and Carbon Management in Your No-Till Operation."

Carbon is at the crux of a highly functioning no-till system, but are you fully maximizing your farm's ability to produce carbon and realize its benefit to your soils? Don Reicosky, retired soil scientist for the USDA-ARS in Morris, Minn., will outline the connection between conservation agriculture and soil health principles that are elevating the importance of carbon management.

Reicosky will discuss the differences in various cover crop characteristics as they affect biodiversity and relate to carbon production in soils, including carbon-to-nitrogen ratios, rooting characteristics and nutrient cycling. He'll cover the role that living or dormant covers or dead biomass play as an energy source for soil biology.



Don Reicosky

2:20 to 3:10 p.m. "Get Better Results with a Systems Approach To No-Till And Soil Health."

No-till doesn't just mean putting the plow away — it's really about a systems approach to farm management that starts by understanding the importance of avoiding soil disturbance and managing residue properly to optimize soil biological activity and get residue working better for you, says Paul Jasa.

The ag engineer at University of Nebraska Extension will discuss

why no-tillers should aim for 100% continuous no-till systems to promote proper no-till soil structure and nutrient cycling and facilitate proper heating and cooling of farm ground for raising better crops. He'll also cover the advantages of diversifying no-till rotations with wheat or forages and explain the benefits of controlling wheel traffic in fields.

3:10 to 3:45 p.m. "Networking/Refreshment Break."

You're halfway through the most informative day of the no-till year. Grab a refreshment courtesy of *No-Till Farmer* while discussing the things you've learned with no-tillers.

3:50 to 4:50 p.m. "Choose from 6 More Intriguing No-Till Classrooms."

You've got six more intriguing no-till classrooms to choose from to help you make a big impact on your 2019 cropping operation.

▶ NO-TILL CLASSROOM #13...

"Yield-Robbing No-Till Pests to Protect Against in 2019."

When it comes to raising profitable no-tilled crops, what's been keeping you up at night? Is it poor weed control in no-tilled soybeans or corn? Are old foes like nematodes in soybeans or new diseases like tar spot in corn eating your lunch? Are rootworms chewing away at the foundation of your profits due to poorer performance from traits?

Syngenta agronomist Phil Krieg will invite attendees to share specific crop-protection concerns that arose in 2018 and discuss what they might be able to do culturally — through no-tilling and cover crop seeding — and with crop protection classes of chemistries to protect their yields and the bottom line.

▶ NO-TILL CLASSROOM #14...

"Cows on Cropland: How Grazing Synergies Boost Yields and Soil Health."

The initial reason Michael Thompson introduced livestock on his no-till operation was to deal with herbicide resistance issues. But he soon found cattle were an essential tool for stimulating soil biological activity, increasing soil organic matter, cycling nutrients and residue and increasing plant diversity.

The Almena, Kan., no-tiller will discuss how he addressed challenges to the integration of animals on his 4,000-acre farm, including how he handles fencing and watering logistics and manages for soil moisture for growing a cover crop and cash crops. He'll also address concerns about compaction and explain how he uses the Haney soil test for nutrient planning.



Michael Thompson

▶ NO-TILL CLASSROOM #15...

"Using the Whole No-Till Toolbox to Manage Nitrogen with Precision."

Most no-tillers know what cover crops bring to a no-till system in terms of fixing nitrogen in the soil profile to be utilized by cash crops. But due to application challenges, fickle weather, residue tie-up and other management issues, identifying and utilizing those benefits can be a challenge, says Trey Hill.

The Rock Hall, Md., no-tiller will share how he balances carbon-to-nitrogen ratios with his cover crop program to balance organic matter formation with nutrient availability, factoring in termination timing and starter fertilizer rates to optimize his nitrogen investment. Hill will also share precision tools he uses to diagnose and fix nitrogen management issues, and what he learned using dual nitrogen-placement systems.

▶ NO-TILL CLASSROOM #16...

"How Soil Disturbance Disrupts Your No-Tilling Efforts."

Still hanging on to that disc or chisel plow in your shed? Or thinking "just this one time" it's OK to do some recreational tillage? You might be doing

more harm than you realize to the structure and biological health you've been working to build in your no-tilled soils, says Don Reicosky.

The retired soil scientist for the USDA-ARS in Morris, Minn., will discuss how tillage practices — even vertical tillage — and other soil disturbances fragment fungal hyphae networks and disrupt the balance between fungi and bacteria, and subsequently, carbon and nitrogen storage and utilization efficiencies.

▶ NO-TILL CLASSROOM #17...

“The Importance of Nutrient Cycling and the Pitfalls of Poor Soil Fertility.”

Whenever forage or grain is removed from a field, many valuable nutrients that are vital to the soil's long-term health are removed with it. Taking action to ensure carbon and other essential nutrients are applied to replace the deficiency — via organic matter decomposition, manure or fertilizer application — should be a top priority for no-tillers, says Ray Ward.

The president of Ward Laboratories will discuss the importance of nutrient cycling in maintaining productive soils and share valuable nutrient application strategies that will help no-tillers not only raise profitable crops but promote healthy soil microbes as well.



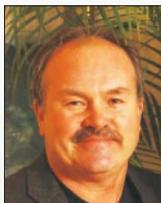
Ray Ward

▶ NO-TILL CLASSROOM #18...

“Breaking Through Yield Barriers, Soil Health Issues with Long-Term No-Till and Gypsum.”

Traditional corn fertility plans often center around soil testing and applying enough nutrients each year to replace what's been removed by crops to keep fields productive. But veteran no-tiller Ken Curtis sees a different story when reviewing long-term data he's assembled on what drives yields on his 2,100-acre farm.

The Prairie City, Ill., grower will share the results of research he's done on his farm jointly with Ohio State University on the benefits of long-term no-till to soil biology vs. conventionally tilled fields, and outline new efficiencies he's identified applying fertilizer in the row vs. broadcasting it. He'll also highlight soil-health benefits he's seen from long-term applications of gypsum in his fields.



Ken Curtis

5:00 to 6:00 p.m. “Another Set of 21 Engaging No-Till Roundtables.”

Our third set of 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.

41. Dealing with Dicamba — Tips for Protecting Yourself
42. Strategies for Building Better Weed Burndown Formulas
43. Wonderful Ways to Win Over Landlords with No-Till
44. Managing Moisture Effectively with Tile, Drainage Systems
45. Exclusively For Kinze No-Till Planter Owners
46. Powering Up Soil Health with Mycorrhizae, Humics, Soil Builders
47. Terrific Tips for Foliar Fertilizer Application Success
48. No-Tilling Cotton and Other Specialty Crops
49. Getting a Grip on Successful Guidance Systems
50. Winning Ways to Whip No-Till Weeds
51. Helpful Tips for Handling Residue with the Combine
52. Finding Consistent Results with Variable-Rate Fertility
53. Setting Up Your Planter for Strip-Till Success
54. Boosting Pest Control with Biological Solutions
55. For No-Till Dairy Farmers Only
56. Busting Through Challenges with Compaction
57. Tweaks and Tricks for Better Air Seeder Performance
58. Large-Scale Cover Crop Seeding — How it's Done
59. Tips for More Timely Cover Crop Seeding
60. Helpful Hints for Higher No-Till Wheat Yields
61. Slamming the Door on Voles, Varmints, Critters

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 8:30 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 unveil the 23rd class of inductees to be honored in the No-Till Innovator Awards program, co-sponsored by Syngenta and *No-Till Farmer*.



8:30 to 10:00 p.m. “Dessert/Networking Opportunity.”

We close out the day's events with dessert, refreshments and another opportunity to network with your fellow attendees and conference sponsors.

FRIDAY, JANUARY 11

6:30 to 8:00 a.m. “Breakfast on Your Own.”

7:00 a.m. to Noon. “No-Till Registration Time.”

On the conference's last day, don't forget to check our *No-Till Farmer* Bookstore for any last-minute deals and take home information that can help you no-till better in 2019!

8:00 to 9:00 a.m. “20 More High-Value No-Till Roundtables to Gather Ideas & Solutions.”

Select from 20 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.

62. Moving Past Cold-Climate No-Till Obstacles
63. Stepping Up Coverage, Efficacy with Sprayers
64. Penciling Out an Inexpensive Cover Crop Program
65. For John Deere Planter Owners Only

66. Seeking Success with Strip-Till Fertilizer Placement
67. Breaking Through Soybean Yield Barriers
68. Managing Nitrogen for Better Yields and Profits
69. Balancing, Building No-Till Soils with Gypsum, Calcium, Sulfur
70. Powerful Tips for Protecting Ag Tires from Stubble
71. Succeeding from Day 1 when No-Tilling Green
72. Measuring No-Till Success with Soil Biology Tests
73. Utilizing Vertical Tillage without Trashing No-Till
74. Rounding Up Real No-Till Benefits with Radishes
75. Getting Into the Zone with Variable-Rate Seeding Success
76. Eradicating Rootworms, Other Tough No-Till Insects
77. Obliterating Obstacles with No-Tilled Corn
78. Fending Off Fusarium Issues in Cereal Crops
79. Pointers for Keeping More ‘P’ and ‘N’ in Your Fields

Register today at www.NoTillConference.com or call (866) 839-8455!



January 8-11, 2019 • Indianapolis, IN

Still Another Great Spouses Program!

A FREE 4-day program for spouses is also part of this 27th annual event. In fact, these special sessions were put together by no-tilling spouses. To receive your copy of the program, visit www.NoTillConference.com or call today at (866) 839-8455 and ask for one to be dropped in the mail to you right away.

80. Tools and Tweaks for Effective Herbicide Tankmixes

81. Debating Drilled, 15- or 30-Inch Soybeans — What's Best?

9:10 to 10:10 a.m. "Choose from 5 More Top-Notch No-Till Classrooms."

You've got five more top-notch no-till classrooms to choose from to help you make a big impact on your 2019 cropping operation.

▶ NO-TILL CLASSROOM #19...

"Finding New Opportunities Raising Non-GMO Crops in a No-Till Environment."

Surveys show more and more no-tillers are interested in raising various non-GMO crops, especially corn and soybeans, to help their farm become more diversified, meet new market demands and improve their operation's profitability. But it's no walk in the park, Rick Clark says.

The Williamsport, Ind., no-tiller will share how he raises non-GMO feed for Dannon, including choosing the right hybrids and varieties for his corn, soybeans, wheat and alfalfa. He'll also cover how he manages cover crops and fights weeds in this system, and what's leading him to convert some of his 7,000-acre farm to organic methods.

▶ NO-TILL CLASSROOM #20...

"Optimizing No-Till Yields Through Pinpoint Phosphorus Placement."

Cool, wet soil conditions common in the Upper Midwest in spring can create big challenges for no-tillers focused on raising high-yielding corn and soybeans. But these conditions tend to elicit the best responses from nutrient applications — even in situations where soil tests may not recommend additional fertilizer, says Tryston Beyrer.



Tryston Beyrer

The strip-tiller and agronomist at WinField United, who recently completed his PhD under the direction of Fred Below at the University of Illinois, will dig into the key findings of his research on interactions between phosphorus fertilizer placement, rate, source and timing in corn and soybeans.

▶ NO-TILL CLASSROOM #21...

"Tackling Challenges, Seizing Opportunities With a One-Pass Organic No-Till System."

Marrying no-till practices and organic production isn't easy. But years of studying these systems convinced Paul Reed Hepperly that a one-pass organic no-till system that incorporates cover crops and the nutrient cycling power of earthworms is a viable option to eliminate dependence on synthetic inputs and supply this growing consumer market.

The Maryville, Tenn.-based agricultural consultant will reveal the results of trials highlighting the competitiveness of organic no-till systems, especially in soybeans with their potentially 100% organic price premium and lower production costs. He'll also discuss how to work through transition from traditional to organic no-tilling, including handling documentation and independent monitoring.

▶ NO-TILL CLASSROOM #22...

"Reducing the Hype, Knowing Your Limits with New Soil Health Tests."

New, advanced commercial soil tests can provide no-tillers with a lot

of information about the level of biological, chemical and physical properties in their soils to help farmers improve soil productivity. But sometimes the picture these samples provide isn't as clear as it may seem, says Eileen Kladvko.

Drawing on evaluations of on-farm data, the agronomist at Purdue University will discuss interpretations of some results of the Cornell, Haney and Phospholipid Fatty Acid Analysis (PFLA) tests and explain why they aren't as clear cut as they may seem.



Eileen Kladvko

▶ NO-TILL CLASSROOM #23...

"It's All in Your Mind: Overcoming Mental Stumbling Blocks to Adopting No-Till and Cover Crops."

Are you at the National No-Tillage Conference to learn more about no-till and cover crops, but struggle with making the change back home? It's not always easy to grasp new ideas and concepts, let alone put them into play, says Eric Volsen.

The no-tiller from Wells, Minn., who raises corn, soybeans and small grains on 600 acres, will share his take on why many operations struggle to implement a new practice like no-till or cover cropping — even when the facts say farmers should do it. The sixth-generation grower will explain some of the personal and generational problems that might be holding growers back from no-till and cover-crop adoption and share what he's doing on his own farm to make a difference now and for the future.



Eric Volsen

10:10 to 10:45 a.m. "Networking Break."

Continue discussions from this morning's roundtables and get ready for a final round of no-till general sessions courtesy of *No-Till Farmer*.

10:50 to 11:40 a.m. "Advancing Toward Autonomy: What No-Tillers Need to Know."

Widespread availability of fully autonomous vehicles in agriculture may still be several years away. But with the size of today's ag equipment getting to the point of diminishing returns, companies have publicly showcased self-driving innovations — advancing development to the cusp of commercial production, says Norbert Beaujot.



Norbert Beaujot

The president and founder of Saskatchewan-based SeedMaster and DOT will lay out diverse opportunities with autonomous machinery for no-tillers based on his own experimentation. He'll discuss the potential for efficient intercropping, seeding multiple varieties simultaneously in different fields and targeted in-season application of different fertilizers — all performed by a remote-controlled implement.

11:40 a.m. to 12:35 p.m. "Unlocking the Profit Potential of an Effective, Responsible No-Till Nutrient Management Program."

After 33 years of large-plot, independent on-farm research, Marion Calmer, a veteran no-till farmer from western Illinois, has learned there's a huge difference between maximum physical yield and maximum financial yield.

Calmer will discuss 10 years' worth of yield, economic and soil-test data from his fertility plots and how he identifies profitable applications of nutrients. Years of surface-applied phosphorus, potassium and lime on these plots not only show the nutrients are stratifying, but his PH levels are as well. Calmer will share some innovative ideas for managing nutrient challenges without sacrificing yields.

12:35 to 12:40 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 2019 as we wrap up the 27th edition of the National No-Tillage Conference.

Discover Dining, History and Entertainment in Indianapolis

Indy

A city known for fast cars and blockbuster events has also gained acclaim for a flourishing culinary and brewing scene, thriving cultural institutions, cool neighborhoods, and so much more. We invite you to enjoy our legendary hospitality.



Just minutes from downtown Indianapolis, the “The Greatest Race Course in the World” is a bucket list destination that has a full calendar of events including world-class motor racing, concerts, a year-round museum and an 18-hole golf course.



The national headquarters of the NCAA and collegiate athletics is housed on the campus of White River State Park. Attempt a downhill skiing simulator, test your knowledge at sport-specific trivia, or shoot hoops in a 1930s-style gymnasium.

INDIANAPOLIS ZOO

With five different animal habitat biomes to explore, enjoy your visit year round, no matter what the weather is like outside. The Zoo is also home to the world’s largest Orangutan Center.



For More Points of Interest, Things to Do and Places to Dine in Indianapolis, Go to VisitIndy.com

Reserve Your Room at the Indianapolis Marriott Downtown

Just walking distance from Lucas Oil Stadium, Circle City Mall, White River State Park and more area attractions, the Indianapolis Marriott Downtown is the perfect home base for your stay featuring newly renovated rooms and suites.

Benefits to staying at the host hotel include:

- **A special room rate of \$119** (must reserve your room by the cut-off date of 12/03/18 or before allocated rooms are sold out).
- **Complimentary internet access** in your hotel room at no additional charge.
- **More networking opportunities!** There are always attendees in the lobby and other public spaces of the host hotel before and after sessions, during meal breaks, etc.
- **All-day access to your sleeping room** during meal and refreshment breaks and following sessions.
- **Reduced transit time and cost** to/from sessions at the beginning and end of each day.
- **Access to other hotel accommodations** and amenities available only to host hotel guests.

Reserve your room at the special conference attendee room rate by calling 877-640-7666 or book your room online by visiting www.NoTillFarmer.com/hotel. Ask for the National No-Tillage Conference rate when making phone reservations.

For more information about the hotel and its amenities, please call the Indianapolis Marriott Downtown at (317) 822-3500.



Register today at www.NoTillConference.com or call (866) 839-8455!



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13 Reasons Why This No-Till Event is the Most Valuable Learning Experience You'll Have in 2019!

- 1 FEATURING** an extremely valuable combination of 13 general session presenters, 23 No-Till Classrooms and 81 "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 2019.
- 3 TAPPING** the expertise of leading no-till innovators during 4 days of intensive 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, non-stop 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 no-till ideas for 2019.
- 11 OFFERING** three distinct styles of learning spread over more than 100 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 2019! Don't miss out on this opportunity!

We've listened to what you want and need in the way of a 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 Indianapolis!

We Fully Guarantee Your Satisfaction!

I've covered no-till for 47 years and I've picked up hundreds of new no-till techniques, tips and strategies during the first 26 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 nearly 50 years, 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 81 No-Till Roundtables and hallway conversations.

This unsurpassed guarantee ought to convince you that we're worthy of your trust and attendance at the 27th annual National No-Tillage Conference coming up this January 8-11, 2019.

See You In Indianapolis!

Frank Dessiter



"I've always told farmers if they could only attend 1 conference a year, they will learn the most from the National No-Tillage Conference..."

— Joe Nester, Bryan, Ohio

YOURS FREE! \$137.70 of Valuable No-Till Learning Reports

These special “No-Till Bonuses” provide hundreds of pages of essential, innovative no-till information that enhance 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.

BONUS #1

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 newsletter and 4 issues of the info-packed *Conservation Tillage Guide* quarterly magazine.



Bonus Value: \$49.95

BONUS #2

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 throughout the world.



Bonus Value: \$29.95

BONUS #3

Turning Your Sprayer into an Effective No-Till Asset

This special 32-page management report will get you up to speed on the cost-saving precision spray technologies available on the market and pick up several how-to tips on improving application effectiveness. Plus, hear firsthand from *No-Till Farmer* readers as they share some of the updates they’ve made to their sprayers to ratchet up performance.



Bonus Value: \$15.95

BONUS #4

Managing Residue to Make No-Till More Effective

In this 28-page special no-till report, veteran no-tillers share their best tips and tricks on planter setups for handling residue challenges without sacrificing their soil’s protection and health. For instance, processing stalks at the corn header, using biological products, responsible residue baling and even stalk grazing are other means to getting the job done.



Bonus Value: \$15.95

BONUS #5

Supercharging Soil Biology for Better No-Till Productivity

The editors of *No-Till Farmer* focus on the latest techniques, practices and technologies that are allowing no-tillers to improve their soil biology and work with the environment so that it helps them be more productive, efficient and effective.



Bonus Value: \$15.95

BONUS #6

27th Annual National No-Tillage Conference Hat

We’ve offered a stylish hat for nearly every single one of our no-till conferences since 1993. Our 27th anniversary no-till hat is yours free — wear it with pride and let others know you’re a committed no-tiller!



Bonus Value: \$9.95

Total “Bonus Package” Value For NNTC Attendees: \$137.70

And when you add in the breakfast, lunch, banquet, welcome reception and several networking breaks, the value of these reports and bonuses nearly match the cost of registration for this first-class educational conference on no-till.

4 EASY WAYS TO REGISTER

- PHONE:** Call (866) 839-8455 or (262) 432-0388 (with your credit card handy) to register.
- 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.

Register today at www.NoTillConference.com or call (866) 839-8455!



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Hosted by *No-Till Farmer*

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Get a Really Quick Payback in 2019!

Take home an average of **\$52,678.59** in NEW ideas that you can put to immediate use in your no-till system.

—2018 NNTC Attendee Survey

Boost Your No-Till Yields in 2019!

Primary Registrant:

Register me at the address above.

Name: _____

Farm or Company Name: _____

Address: _____

City: _____ State: _____

Zip/Postal Code: _____ Country: _____

Phone: _____

Email: _____

Register me for the Training the Trainers Workshop (\$75)

Register me for the Cover Crop Basics for Rookies Workshop (\$75)

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 Training the Trainers Workshop (\$75)

Register me for the Cover Crop Basics for Rookies Workshop (\$75)

*Please attach contact information for any additional attendees.

Registration Options:

Call or fax or mail back this completed form to the information listed on page 11. Registration forms must be received by 12/31/18 to get the regular rate of \$339 (\$50 savings off the onsite rate). Meals noted in program are included with each registration.

#1 Full Conference Registration \$339

_____ **1** attendee x \$339 = \$ _____
(\$389 after 12/31/18)

#2 Additional Attendees from our Farm or Family Registration \$312 each

_____ attendees x \$312 = \$ _____
(\$389 after 12/31/18)

#3 Workshop Options

Choose the workshop appropriate to your profession.

You are permitted to attend only one. See page 2 for more details.

Training the Trainers on Cover Crop Adoption Tue., Jan. 8, 10:00 a.m. to Noon (Limit 75)

_____ attendee x \$75 = \$ _____

Cover Crop Basics for Rookies and Early Adopters (for farmers only) Tue., Jan. 8, 2:00-5:00 p.m. (Limit 75)

_____ attendee x \$75 = \$ _____

#4 Additional Banquet Tickets _____ x \$49 = \$ _____
(for non-paid attendees)

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Payment Type: Visa MC AmEx Discover Check
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Card #: _____

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