

Registration Includes:

- Soup and Sandwich supper January 6
- Lunch on January 7
- Beer and Bull Supper Session January 7
- Access to the Trade Show
- Workshop Booklet
- A guarantee that you will learn at least 3 new ideas!

Manitoba - North Dakota
Zero Tillage Farmers Association
2014 Workshop Registration

Name _____

Address _____

City _____

State/Province _____ Zip/Postal Code _____

Email _____

Pre-Registration (by December 16).....\$150

Registration at the door\$175

(Group rates available Contact Bonnie Staiger)

Extra Session/Lunch (Free to Members)\$75

Annual Zero Till Membership\$50

(Sorry, no single day registrations available)

☐ Check this box if you are a ManDak member and plan to attend the Extra Session on Wednesday

Send completed form & check to:

Manitoba-North Dakota Zero-Till Association
Attn: Bonnie Staiger
PO Box 7370
Bismarck, ND 58507

For Credit Card Payment & Online Registration:

www.mandakzerotill.org

For Room Reservations:

Call the Holiday Inn Riverside (701) 852-2504
Ask for ManDak Block of Rooms



Barry Todd

Dr. Barry Todd holds a B.S.A in plant science and a Ph.D. in weed science from the University of Manitoba. He has an extensive background in soils and crop protection. In 2003 was appointed Deputy Minister of Agriculture, Food and Rural Initiatives. From the BSE crisis in 2003 to the floods of 2013 he worked closely with agricul-

tural organizations to ensure that producers and rural communities received support as they dealt with many challenges while working diligently to capture the opportunities created by the expanding global agri-food sector. Barry has also provided leadership in the establishment of Manitoba's nutraceutical and functional food research and commercialization cluster, and was a recipient of the Queen Elizabeth II Diamond Jubilee Medal in recognition of those efforts.

Yvonne Lawley

Dr. Yvonne Lawley is an assistant professor in the Plant Science Department at the University of Manitoba. Her area of research is agronomy and cropping systems. Yvonne received her PhD in soil science from the University of Maryland (2010), a MSc in plant science from the University of Saskatchewan (2004), and a BSc in agronomy from the University of Manitoba (2002). Prior to joining the University of Manitoba, Yvonne was a Research Agronomist at North Dakota State University's Carrington Research Extension Center. To date Yvonne's research has focused on the agronomy of soybeans, corn, and cover crops in Manitoba cropping systems.



Jon Stika

Jon Stika is an area resource soil scientist and soil health instructor with the USDA Natural Resource Conservation Service (NRCS) at the Area Office located in Dickinson, ND. Jon has been extensively involved with soils education for nearly 30 years and with his enthusiasm and passion for soil health and his practical ap-

proach to solving problems in soils, he is often invited to present at workshops throughout North America. Jon's other passion is brewing beer. How does soil health and brewing beer go together? Attend the session and find out.

Larry Cihacek

Dr. Larry Cihacek is an associate professor of soil science, North Dakota State University, Fargo, ND. He is a certified professional agronomist and soil scientist specializing in fertilizer management in tillage and cropping systems, and the inter-relationships between cropping systems and soil physical properties. He served on numerous task forces including water quality and irrigation. Larry has also authored or co-authored more than 80 papers and Extension publications on these subjects and has appeared in programs such as *Salt of the Earth*.



36th Annual

Manitoba-North Dakota
Zero Tillage Farmers Association

WORKSHOP & TRADE SHOW



January 6-8, 2014
Holiday Inn Riverside
Minot, ND

Learn • Visit • Share



701-223-3184

www.mandakzerotill.org

Email: mandak@westriv.com

Monday, January 6, 2014

- 4:30 pm Registration Opens
- 6:00 pm Soup & Sandwich Bar
- 6:30 pm Association Annual Meeting
- 7:00 pm International Show and Tell

Tuesday, January 7, 2014

- 7:00 am Registration & Tradeshow Open
- 8:15 - 8:30 am Welcome & President Remarks
Chris Rhode
- 8:30 - 9:15 am Keynote Address - Dr. Barry Todd
- 9:15 - 10:00 am Soil Health - Components & Complexities - Dr. Abbey Wick
- 10:00 - 10:45 am Break
- 10:45 - 11:30 am Evaluating Your Soil Health and Ways to Improve it - Jon Stika
- 11:30 - 12:15 pm Soil Testing, The Science: Types/ testing methods, how & why it's done, understanding, interpreting, and recommendations - Dr. Kris Nichols
- 12:15 - 1:30 pm Awards Luncheon
- 1:30 - 2:15 pm Economics of Better Soil Health & Zero Tillage: How it'll make you \$'s
- 2:15 - 3:00 pm Soil Compaction: Is There a Role for Vertical Tillage? - Marla Riekman
- 3:00 - 3:45 pm Break
- 3:45 - 4:30 pm Controlled Traffic Agriculture - Steve Larouque
- 4:30 - 5:15 pm "To Drain or Not to Drain:" surface, internal and tile - Dr. Larry Cihacek

- 5:15 - 7:00 pm International Beer & Bull
(Tradeshow closes at 10pm)
- 6:30 - 7:00 pm Beginning Zero Tillage Production
- 7:00 - 9:00 pm Farmer Rap Sessions
(Concurrent Sessions)
- 7:00 pm Room 1: Soil Testing
Room 2: Field Mapping
Soil, yield, EC, satellite NDVI maps
- 8:00 pm Room 1: Cover Crops
Room 2: Zero Tilling-Corn & Soybeans

Wednesday, January 8, 2014

- 8:30 - 9:15 am Technology Opportunities: Riding the Wave; cell/smart phones, reception and multi-devices - BJ Hersak
- 9:15 - 10:00 am Cover Crops: Opportunities and Challenges Moving North
Dr. Yvonne Lawley
- 10:00 - 10:45 am Break
- 10:45 - 11:30 am Weed Resistance Scorecard/Update
Dr. Kirk Howatt
- 11:30 - 12:15 pm Zero Till Journey: Past to Present
Early Adopter/President - Bob McNabb
- 12:15 - 12:30 pm Closing Remarks & Adjourn
Chris Rhode
- 12:30 - 2:30 pm Extra Session Roundtable: Lunch and visiting with speakers in small groups

Free to ManDak Members

\$75 for non-members attending the workshop

*Continuing Education Units (CEU's)
applied for Certified Crop Advisors*

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