

JUNE 22-25, 2014

WINNIPEG CONVENTION CENTRE
WINNIPEG, MANITOBA

WCCA6.ORG



SUNDAY, JUNE 22

2:00 pm – 8:00 pm

6:00 pm – 10:00 pm

Registration and Information

Opening Reception (light appetizers and cash bar)

MONDAY, JUNE 23

Time	Title/Event
7:00 am – 5:00 pm	Registration and Information
7:00 am – 8:00 am	Breakfast with Exhibitors
8:00 am – 9:00 am	Welcome, Sponsor Recognition and Overview of Program
9:00 am – 9:45 am	Opening Keynote: Importance of Conservation Agriculture – Dr. David Montgomery
9:45 am – 10:15 am	Trade Show/Networking Break
10:15 am – 11:15 am	Panel Discussion: Conservation in North America, Regional Perspectives Panelists (<i>confirmed</i>): Kristine Nichols, Jodi DeJong-Hughes, Steve Groff, Seth Watkins Moderator (<i>confirmed</i>): David Lobb
11:15 am – 11:45 am	Panel Dialogue with Q & A Discussion
11:45 am – 1:15 pm	Lunch

Concurrent Sessions

Session 1: Conservation Agriculture: Building Sustainability

Time/Speaker	Title/Event
1:30 pm – 3:30 pm	
Jodi DeJong-Hughes, Moderator (<i>confirmed</i>)	Overview of Session
Dennis Bulani (<i>confirmed</i>)	Thinking About Your Thinking
Breana Behrens (<i>confirmed</i>)	The Importance of Providing Landowners with the Full Spectrum of Information and Resources on Conservation Agriculture
Dennis Haak (<i>confirmed</i>)	Adoption Trends of Environmentally Sustainable Practices on Canadian Farms
Robert Kroger (<i>confirmed</i>)	REACHing out: An Innovative Participatory Approach to Conservation Integration in Agriculture
Amir Kassam (<i>confirmed</i>)	Sustainable Intensification and Conservation Agriculture
Moti Jaleta (<i>confirmed</i>)	Resource Saving and Productivity Impacts of Conservation Agriculture in Ethiopia
3:30 pm – 5:00 pm	Poster Viewing/Trade Show/Networking Break (Poster session 1.P)

Session 2: Conservation Agriculture: Soil Health/Biology as Key Factors

Time/Speaker	Title/Event
1:30 pm – 3:30 pm	
Wade Thomason, Moderator (<i>confirmed</i>)	Overview of Session
Jill Clapperton (<i>tbd</i>)	Healthy Soil is the Foundation of Civilizations
Brijesh Kumar (<i>tbd</i>)	Assessing the Sustainability of Soil Health Under Different Agricultural Management Practices in Rice-wheat Systems of the Indo-Gangetic Plain
Chandra Praharaj (<i>tbd</i>)	Technological Interventions for Strategic Management of Water in Conserving Natural Resources
Lilian Mbuthia (<i>confirmed</i>)	Continuous Cotton Effects on Microbial Community Structures after Long-term (31 years) of Conservation Tillage in West Tennessee
Marie Bartz (<i>tbd</i>)	No-Tillage Improves Earthworm Species Richness in Southern Brazil
Rajender Chhokar (<i>tbd</i>)	Influence of Tillage and Residue Management Practices on Weeds in Rice-wheat Cropping Systems
3:30 pm – 5:00 pm	Poster Viewing/Trade Show/Networking Break (Poster session 2.P)

Session 3: Conservation Agriculture: Innovative Adoption by Producers

Time/Speaker	Title/Event
1:30 pm – 3:30 pm	
Tom Goddard, Moderator (<i>confirmed</i>)	Overview of Session
Pauline Mele (<i>tbd</i>)	Harnessing the Biological Potential of Australian Grain Production Soils
Richard Bell (<i>confirmed</i>)	Entrepreneurship and the Adoption of Conservation Agriculture by Smallholder Farmers: Key Learning from Bangladesh
Christian Thierfelder (<i>confirmed</i>)	Identifying new Sustainable Intensification Pathways for Smallholder Farmers in Southern Africa
Yigezu A. Yigezu (<i>confirmed</i>)	Measuring the Impacts of Conservation Tillage (CT) on Household Income and Consumption: A Syrian Case
Jeffrey Mitchell (<i>confirmed</i>)	Development and Expansion of Conservation Agriculture Systems in California's Central Valley
Nirupam Datta (<i>tbd</i>)	Adoption and Impact of Conservation Tillage Technologies: Evidence from Haryana, India
3:30 pm – 5:00 pm	Poster Viewing/Trade Show/Networking Break (Poster session 3.P)
6:00 pm – 7:00 pm	Reception at the Winnipeg Convention Centre
7:00 pm – 10:00 pm	Dinner at the Winnipeg Convention Centre

TUESDAY, JUNE 24

Time	Title/Event
7:00 am – 5:00 pm	Information
7:00 am – 8:00 am	Breakfast with Exhibitors
8:00 am – 9:15 am	Panel Session: Conservation Agriculture: World Perspective Panelists (<i>confirmed</i>): Bill Crabtree, Australia; Gerard Rass, France; Maria Beatriz Giraudo, Argentina; Frederic Thomas, France Moderator (<i>confirmed</i>): Dennis Garrity
9:15 am – 9:45 am	Panel Dialogue with Q & A Discussion
9:45 am – 10:15 am	Trade Show/Networking Break

Concurrent Sessions

Session 4: Conservation Agriculture: Components of Sustainability

Time/Speaker	Title/Event
10:15 am – 11:45 am	
Sjoerd Duiker, Moderator (<i>confirmed</i>)	Overview of Session
Rene Van Acker (<i>confirmed</i>)	The Development and Adoption of Conservation Agriculture in Canada: From the Ecological to the Cultural
Aziz Nurbekov (<i>confirmed</i>)	Status of Conservation Agriculture in Central Asia
Cheryl Reese (<i>confirmed</i>)	Landscape Position and Winter Cover Crops Impact on Northern Great Plains Corn (<i>Zea mays</i>) Yield and N and Water Cycling
Frederic Baudron (<i>tbd</i>)	Is it Time for a New Look at Mechanization in Africa? Conservation Agriculture, Two-wheel Tractors, and Business Model Development
Yash Dang (<i>confirmed</i>)	Strategic Tillage: Is it a Threat to Conservation Agriculture?
11:45 am - 12:00 pm	Discussion and general conclusions by Moderator

Session 5: Conservation Agriculture: Climate Change Impacts

Time/Speaker	Title/Event
10:15 am – 11:45 am	
Gottlieb Basch, Moderator (<i>confirmed</i>)	Overview of Session
Jerry Hatfield (<i>confirmed</i>)	Climate Change and Conservation Agriculture
ML Jat (<i>confirmed</i>)	Adaptation to and Mitigation of Climate Change Effects for Future Food Security in South Asia: Is Precision-Conservation Agriculture a Way Forward?
Haekoo Kim (<i>tbd</i>)	Seasonal Climate Variability Dependent Effects of Conservation Agriculture Practices Across Different Agroecologies in Ethiopia
Ram A. Jat (<i>tbd</i>)	Climate change Mitigation and Adaptation Potential of Conservation Agriculture: Effects on Rainwater Use Efficiency, Runoff, Soil Moisture, Soil Organic Carbon and Energy Use
Stefano Brenna (<i>confirmed</i>)	Environmental Outcomes of Conservation Agriculture in North Italy
11:45 am - 12:00 pm	Discussion and general conclusions by Moderator

Session 6: Conservation Agriculture: Producers as Innovators

Time/Speaker	Title/Event
10:15 am – 11:45 am	
Peter Gamache, Moderator (<i>confirmed</i>)	Overview of Session
Tim Neale (<i>confirmed</i>)	Doubling the Worlds' Food Production, How New Technology Will Help
Azat Tileumuratov (<i>tbd</i>)	The Lessons Learned in the Introduction of Zero Tillage in Dry Conditions in Karakalpakstan
Tom Basden (<i>confirmed</i>)	Evaluating Farmer Adoption of a set of Precision Nutrient Management Methods
Leandro Bortolon (<i>confirmed</i>)	Innovative Approaches to Address Challenges and Opportunities to Conservation Agriculture Adoption in the Brazilian Agricultural Frontier
Mahesh Gathala (<i>tbd</i>)	Improving Livelihood of Resource Poor Farmers Through Conservation Agriculture-based Crop Management Techniques Under Rice-maize Cropping Systems in Bangladesh
11:45 pm - 12:00 pm	Discussion and general conclusions by Moderator
12:15 pm - 1:45 pm	Lunch Luncheon Keynote: Howard G. Buffett Moderator: Dr. Jerry Hatfield

Concurrent Sessions

Panel Discussion

2:00 pm – 3:00 pm	International Nuffield Scholars on Conservation Agriculture Panelists (<i>confirmed</i>): Blake Vince, Canada; Natalie Williams, Australia; Stephen Briggs, UK; Les Keeper, New Zealand Moderator (<i>tbd</i>): Chuck Chaitovitz
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Session 7: Nutrient Management: Innovative Use of 4R's in Conservation Agriculture

Time/Speaker	Title/Event
2:00 pm – 3:00 pm Alan Kruszel, Moderator (<i>confirmed</i>) M. Motior Rahman (<i>confirmed</i>)	Overview of Session Nitrogen Recovery and Agronomic Efficiency of Rice Under Tropical Conditions as Affected by Nitrogen Fertilizer and Legume Crop Rotation
Yashpal Singh Saharawat (<i>tbd</i>)	Nutrient Dynamics under Conservation Agriculture-based Cropping Systems
John Heard (<i>confirmed</i>)	Successful 4R Nutrient Stewardship Extension Techniques: Fertilizer Rate, Source and Placement
Timothy Krupnik (<i>confirmed</i>)	Comparative Productivity and Farmers?: Perceptions of Rice-maize System Performance Under Conservation Agriculture in Water-limited Environments of Southern Bangladesh

Session 8: Conservation Agriculture and the Changing Climate

Time/Speaker	Title/Event
2:00 pm – 3:00 pm Gottlieb Basch, Moderator (<i>confirmed</i>) Ernie Shea (<i>confirmed</i>) Marlen Eve (<i>confirmed</i>)	Overview of Session Conservation Agriculture and Coping with Climate Quantifying Farm-Scale Greenhouse Gas Fluxes in the U.S.: Methods, Challenges and Data Gaps
Li Hongwen (<i>confirmed</i>)	Conservation Agriculture in China
Shadananan Nair (<i>confirmed</i>)	Conservation Agriculture: An Option to Overcome the Agricultural Crisis in Kerala
Donald Reicosky (<i>confirmed</i>)	Carbon: The Synergy Element in No-Tillage and Cover Crops

Session 9: Adopting Conservation Agriculture to Smallholder Production

Time/Speaker	Title/Event
2:00 pm – 3:00 pm Neil Galbraith, Moderator (confirmed) Erick Ruwona, Zimbabwe (<i>confirmed</i>) Saidi Mkomwa, Kenya (<i>confirmed</i>) Neil Rowe Miller, Southern Africa (<i>confirmed</i>) Collins Nkatiko, Southern Africa (<i>tbd</i>)	Presentation Topics to be Announced
3:00 pm – 4:00 pm	Poster Viewing/Trade Show/Networking Break Poster sessions: 4.P Mechanization of Conservation Agriculture 5.P Impacts of Conservation Agriculture on Crop Production 6.P Response of Conservation Agriculture to Stress
4:00 pm	Departure to Kelburn Farm
5:30 pm – 6:45 pm	Reception and Tours at Kelburn Farm – Join us for an educational and fun-filled evening as we tour this showcase farm and crop development centre. Learn about new products and innovative processes from industry specialists.
6:45 pm – 8:00 pm	Dinner at Kelburn Farm – Enjoy a spectacular “Taste of Manitoba” BBQ
8:15 pm (<i>first bus departs</i>)	Departure to Winnipeg

WEDNESDAY, JUNE 25

General Session

Time/Speaker	Title/Event
7:00 am – 8:00 am	Breakfast with Exhibitors
8:00 am – 9:00 am	Panel Discussion: Food Value Chain and Sustainable Sourcing
Rod Snyder, Moderator (confirmed) Yves LeClerc, McCain Foods Limited	Additional Panelists to be Announced

Concurrent Sessions

Session 10: Conservation Agriculture: Key to Intensifying Crop Production

Time/Speaker	Title/Event
9:15 am – 10:15 am	
Bill Kuentler, <i>Moderator (confirmed)</i>	Overview of Session and Posters
Gottlieb Basch, <i>(confirmed)</i>	Mobilizing Greater Crop and Land Potentials with Conservation Agriculture
Seema Sepat, <i>(confirmed)</i>	Comparative Evaluation of Conservation Agriculture Practices on Productivity and Sustainability of Pigeon pea (<i>Cajanus cajan</i> L)-wheat (<i>Triticum aestivum</i>) Cropping Systems under the Indo-Gangetic Plains of India
Amin Muger, <i>(confirmed)</i>	Implications of Adoption of Conservation Tillage (CT) on Productive Efficiency: A Syrian Case
10:15 am – 11:00 am	Poster Viewing/Trade Show/Networking Break (Poster session 10.P)
Molefi Mpheshea, <i>(confirmed)</i>	Impact of Different Agricultural Practices: Nitrogen, Cover Cropping and Tillage on Population Sizes of Nitrogen Cycling Bacteria Under a Forty-year Continuous No-Till Cotton Experiment in West Tennessee
Virender Kumar, <i>(tbd)</i>	Can High Cereal Yields be Attained and Sustained with Less Resource Use in the Rice-wheat Cropping Systems of South Asia? A Case Study From Northwest India
11:30 am – Noon	Discussion of Posters and Presentations: Focus on the implications and applications to Conservation Agriculture

Session 11: Conservation Agriculture: Interfacing with Livestock Production

Time/Speaker	Title/Event
9:15 am – 10:15 am	
Marie Boehm, Moderator (<i>tbd</i>)	Overview of Session and Posters
Martin Entz, (<i>tbd</i>)	Crop-livestock Integration in Conservation Agriculture Systems
David Feindel, (<i>tbd</i>)	Integrated Crop-Livestock Conservation Agriculture for Sustainable Intensification of the Cereal-based Systems of North Africa and Central Asia
10:15 am – 11:00 am	Poster Viewing/Trade Show/Networking Break (Poster session 11.P)
Johann Strauss, (<i>tbd</i>)	An Economic Evaluation of Crop and Crop/Annual Legume Pasture Rotation Systems in the Swartland, Western Cape, South Africa
Ozzie Abaye, (<i>tbd</i>)	Conservation Agriculture and the Management of Crop Residue in Millet - Peanut-based Systems in Senegal
11:30 am – Noon	Discussion of Posters and Presentations: Focus on the implications and applications to Conservation Agriculture

Session 12: Conservation Agriculture: Producer Adoption

Time/Speaker	Event/Title
9:15 am – 10:15 am	
Tom Goddard, Moderator (<i>confirmed</i>)	Overview of Session and Posters
Amit Roy, (<i>confirmed</i>)	Adoption of Innovative Technologies
Josef Kienzle, (<i>tbd</i>)	Conservation Agriculture: A Precision Farming Tool for Smallholders
Sinan Jalili, (<i>tbd</i>)	Farmer Development and Uptake of Zero Tillage in Mosul Iraq 2006-2013
10:15 am – 11:00 am	Poster Viewing/Trade Show/Networking Break (Poster session 12.P)
Renick Peries (<i>confirmed</i>)	A Pragmatic Approach to How Conservation Agriculture Helps Southern Australian High Rainfall Zone (HRZ) Farmers to Innovate Towards Productivity Gains
Kinide Tesfaye (<i>tbd</i>)	Identifying Recommendation Domains for Conservation Agriculture in Eastern and Southern Africa
11:30 am - 12:00 pm	Discussion of Posters and Presentations: Focus on the implications and applications to Conservation Agriculture
12:15 pm – 1:45 pm	Lunch/Networking

General Session

Time/Speaker	Title/Event
2:00 pm – 3:30 pm Jerry Hatfield, Moderator (confirmed)	Future Opportunities in Conservation Agriculture: Perspectives from the Congress and Program Committee Representatives
3:30 pm – 4:00 pm	Trade Show/Networking Break
4:00 pm – 4:45 pm	Closing Keynote: Vision and Challenges for Conservation Agriculture – Dr. Dwayne Beck
4:45 pm – 5:00 pm	Closing Remarks
6:00 pm	DINE-AROUND WINNIPEG – Enjoy your evening off by exploring the many fabulous restaurants that Winnipeg has to offer! This is a great opportunity to re-connect with colleagues and establish new industry friendships.

THURSDAY, JUNE 26

Canadian Tour

8:00 am Departure

This one-day Canadian tour will visit the South Tobacco Creek Watershed research site and include 2 farm stops showcasing a no-till and a mixed operation with forages in the rotation.

USA Tour

7:00 am Departure

This 3.5 day Dakota No-Till tour will take delegates Departure through the heart of no-till farming areas of the north Midwestern USA. Hear from farmers that have been practicing no-till crop production for over two decades.