

Environmental Sustainability in Agriculture KTT Event



Research to action: healthy soil and water

Nov 24th, 2014

Hosted by Ontario Ministry of Agriculture, Food and Rural Affairs

Conference Centre, 1 Stone Road W, Guelph, Ontario, N1G4Y2 (via webinar)

Agenda:

8:30- **Setting the Stage – Knowledge, Challenges and Opportunities for healthy soil and water**
9:10 *(Coffee and refreshments available)*

Key Insights and Addressing the Challenges – New Knowledge

Dr. Bill Deen, University of Guelph	What influences do land management decisions have on productivity and input efficiency
Dr. John Lauzon, University of Guelph	Using historical nutrient management research to optimize future crop production systems
Dr. Merrin Macrae, Waterloo University	Measuring what happens to the soil and phosphorus that are applied to farms
Adam Hayes, OMAFRA	Using Soil health metrics to create a soil health report card for farmers and the public
9:10 - 10:40	
Craig Merkley, UTVCA	Longevity of structural BMPs and innovation in measurement tools
Chris Van Esbroeck	Nutrient application decisions have significant effects on farmland contributions to surface water quality
Anne Verhallen, OMAFRA	Cover crops are one method of improving soil health and pre-planning will increase production and environmental success
Tracey McPherson, ABCA	With so many potential project types presenting alternatives to landowners is a necessity
Anne Loeffler, GRCA	Mapping tools for soil erosion BMP placement – motivating action
	Data and models, combined, help tell the story of future and past agri-

Mari Veliz, ABCA environmental decisions helping us to understand how we can make a difference

Jacqui Empson Laporte, OMAFRA Considering social behaviour and decision making
Q and A

10:40-
11:00 ***Break- Networking/Knowledge Wall***

11:00-
12:00 ***Sharing Your Knowledge - Round Table Discussion***

12:00 ***Lunch and Networking***

1:00-
2:10 **Gathering the Best Solutions – Opportunities**

2:10 -
2:30 ***Break***

2:30 –
3:30 ***Next Steps on the Ground – Approaches***

3:30-
4:00 ***Closure – Wrap up***

