



# Getting the Most from Nutrient Management Workshop

**Presented by Lethbridge College and Lethbridge County**

**WHEN: Feb. 23      WHERE: Lethbridge College Cousins Building**

Nutrients are one of the most expensive inputs in modern farming. Are you getting the most out of them?

This one-day workshop, led by industry experts, takes a hands-on and practical approach to a wide variety of nutrient management topics, including:

- Soil Health
- Sampling for Soil Nutrients
- Manure and Compost
- Environment Nutrient Loss and Capture
- Precision Agriculture
- Alternative Nutrient Management Strategies

The day will conclude by seeing the nutrient cycling in action with a tour of the Aquaponics Center of Excellence (ACE) at Lethbridge College.

**15 CCA credits will be available for attendees.**

General Admission: \$75.00

Student Admission: \$50.00

**Register today at [www.nutrientmanagement-feb23.eventbrite.ca](http://www.nutrientmanagement-feb23.eventbrite.ca)**



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## Schedule of Events

- 8:30 a.m.** Registration
- 9 a.m.** **Welcome & Keynote Introduction**  
Dwayne Rogness - Rural Extension Specialist, Lethbridge County
- 9:10 a.m.** **Maximizing Agronomic Benefits and Minimizing Environmental Threat from Applied Nutrients in Western Canada: It Is Possible!**  
Dr. Jeff Schoenau - Professor of Soil Science and SMA Chair, Department of Soil Science, University of Saskatchewan
- 10:05 a.m.** **Soil Health:**  
**Soil Health: A Definition** - Newton Lupwayi - Research Scientist in Soil Microbiology, Lethbridge Research Centre  
**Does Your Soil Have What it Takes?** - Adriana Navarro Borrell - Instructor, Agriculture Sciences at Lethbridge College  
**Assessing Soil Health in Alberta** - Yamily Zavala - Soil Health and Crop Management Specialist, Chinook Applied Research Association
- Sampling for Soil Nutrients**  
**Sampling for Soil Nutrients** - Eric Bremer - Soil Scientist for Western Ag Innovations  
**Demystifying Laboratory Analysis and Nutrient Recommendations** - Len Kryzanowski - Director, Environmental Strategy and Research Section  
**Understanding in Interpreting Soil Test Reports** - Ross Mckenzie - Retired Agronomy Research Scientist
- 11:15 a.m.** **Manure and Compost**  
**What's the Scoop** - Francis Larney - Research Scientist in Soil Conservation, Agriculture and Agri-Food Canada  
**Compost for the Farm** - Harold Perry  
**Assessing and Predicting the Availability of Nutrients in Manure** - Dr. Jeff Schoenau - Professor of Soil Science and SMA Chair, Department of Soil Science, University of Saskatchewan;
- Environment Nutrient Loss and Capture:**  
**Non-Legume Cover Crops Can Increase Non-Growing Season Nitrous Oxide Emissions** - Ben Thomas - Postdoctoral Research Scientist in Nutrient Management at Agriculture and Agri-food Canada  
**Using Aerobic Bioreactors to Improve Nutrient Management in Agriculture and Aquaculture** - Nick Savidov - Senior Research Scientist, Aquaponics Program at Lethbridge College  
**Nutrient Management and Water Quality: Striving from Practical Solutions** - Barry Olson - Research Scientist with Agriculture and Forestry in the irrigation and Farm Water Branch
- 12:15 p.m.** Lunch
- 1:00p.m. And 2:10 p.m.** **Mitigating Nutrient Waste in Aquaculture and Aquaponics**  
Nick Savidov - Senior Research Scientist, Aquaponics Program at Lethbridge College
- Precision Agriculture**  
**Remote Sensing Contributions in Precision Agriculture** - Craig Coburn - Remote Sensing Scientist  
**Field Characteristics of Soil Physical Properties** - Willemijn Appels - Mueller Applied Research Chair in Irrigation Science at Lethbridge College  
**4-R Nutrient Management Stewardship and Sustainable Soil Management** - Jack Payne - Western Prairies Regional Agronomist with Farmers Edge
- 3:20 p.m.** **Alternate Nutrient Management Strategies**  
**Potential for Cover Crops to Manage Nutrients** - Rob Dunn - FarmWise Inc  
**Fertigation for Nitrogen in Southern Alberta** - Doon Pauly - Agronomy Research Scientist  
**Organic Agriculture** - Howard Lieffer
- 4:20 p.m.** **Closing Remarks**  
Dwayne Rogness - Rural Extension Specialist, Lethbridge County