A & L CANADA LABORATORIES INC.

SOIL FERTILITY WORKSHOPS 2025

LEVEL 2 WESTERN CANADA

Interpretation of Soils:
Making Soil and Plant Tissue Recommendations Make Sense

This 1.5-day seminar is designed to help you make the most of your soil and plant tissue analysis. We will cover a number of topics on soil and plant tissue on the first day. The second day will be reserved exclusively for training on how to make soil and plant tissue recommendations. In order to get the most out of this seminar, attendees should already have an understanding of soil and plant tissue tests.

Day 1

12:00 p.m.	**Registration**
12:30 p.m.	**How plants take up nutrients and nutrient interactions**
1:30 p.m.	**Understanding and interpreting soil analysis as a tool to make agronomic recommendations for nutrient input**
2:30 p.m.	**Break**
2:45 p.m.	**Understanding and interpreting soil analysis as a tool to make agronomic recommendations for nutrient input (continued)**
3:45 p.m.	**Critical use of the soil test as a diagnostic tool for making recommendations - The use of C.E.C to determine optimum soil nutrient levels and critical placement of nutrient for maximum efficiency in a cropping system**
5:00 p.m.	**Adjourn**

Day 2 - Making Recommendations

8:30 a.m.	**Nitrogen recommendations and various methods of determining nitrogen requirements from soil analysis**
10:00 a.m.	**Break**
10:15 a.m.	**Making recommendations based on crop removal and when to build soil nutrient levels based on understanding the soil chemistry and the agronomics of nutrient placement and plant uptake**
12:00 p.m.	**Lunch**
1:00 p.m.	**Making recommendations based on crop removal and when to build based on understanding the soil chemistry and agronomics - Participants will design a full crop rotation and nutrient budget using the concepts discussed in the seminar and the science**
3:00 p.m.	**Break**
3:15 p.m.	**Soil Health and the future of agriculture and the use of bio fertilizers - Review of A&L Biological research on the soil microbiome; how to understand Soil Health Index and what it takes to improve soil health**
5:00 p.m.	**Adjourn**