



**A & L CANADA
LABORATORIES INC.**

SOIL FERTILITY WORKSHOPS 2024

ONTARIO LEVEL 2

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

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| 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. | Critical placement of nutrient for maximum efficiency in a cropping system |
| 3:45 p.m. | Using the soil test as a diagnostic tool for making recommendations—The use of C.E.C. to determine optimum soil nutrient levels |
| 5:00 p.m. | Adjourn |



Day 2 - Making Recommendations

- 8:30 a.m.** **Making recommendations based on crop removal and when to build based on understanding the soil chemistry and agronomics**
- 10:00 a.m.** **Break**
- 10:15 a.m.** **Designing a full crop rotation nutrient budget using science**
- 12:00 p.m.** **Lunch**
- 1:00 p.m.** **Applying the science using low level liming and how nutrient interactions influence recommendations for variable rate application of nutrients as another recommendation tool**
- 2:00 p.m.** **Pest management and disease diagnostics**
- 3:00 p.m.** **Break**
- 3:15 p.m.** **Soil health, the future of agriculture, and the use of bio fertilizers**
- 4:30 p.m.** **Adjourn**

