



**A & L CANADA
LABORATORIES INC.**

SOIL FERTILITY WORKSHOPS 2025

POTATO SCHOOL

Agenda:

This seminar will review A&L's basic potato fertility programs with a focus on more recent A&L research and findings in potato nutrition as it relates to quality and storability of the crop. Discussion will surround in-season management using nutrient levels from our Plant Monitoring Program (PMP). This tool can be used as part of a proactive approach to mitigating seasonal environmental impacts on quality by allowing for optimal timing of product applications.

8:00 a.m.	Registration
8:30 a.m.	We will begin by reviewing basic fertility of the potato crop, use of site-specific sampling and interpretation of A&L maps to manage field variability. In this section, we will discuss interpretation of the soil test and selection of products to deal with soil variability as well as its impact on quality.
10:00 a.m.	Break
10:15 a.m.	The importance of calcium in potato nutrition and its impact on yield, quality, and storability. The use of low-level liming to improve yields and quality while avoiding scab issues. How calcium levels impact Soil Health and carbon sequestration.
12:00 p.m.	Lunch

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- 1:00 p.m.** Nutrient interactions and designing a fertility program to avoid interactions that will negatively impact the final crop by factoring in proper timing and placement of products. We will discuss in-season foliar application of nutrients to address crop needs and how to identify trigger points from tissue tests that signal when to apply the appropriate products.
- 2:00 p.m.** Early season weather patterns that impact the crop quality and what to look for. How to reduce potential quality issues at harvest as well as in storage that will affect the marketable yield of the crop.
- 3:00 p.m.** Break
- 3:15 p.m.** Interpretation of the VitTellus™ Soil Health test and how to use it to improve Soil Health in the potato field. Discussion on Soil Health and the impact it has on production of the crops we grow – including the extent of its impact on water and nutrient use efficiency. In this section, we will also look at Biological products, how they should be used, and the potential of this technology in potato production.
- 4:45 p.m.** Summary and wrap-up
- 5:00 p.m.** Adjourn

