

A&L Canada Laboratories



NEXT-GEN SOIL HEALTH TEST QUANTIFIES SOIL MICROBIAL POPULATIONS



TAT

7 business days

PRICE

VitTellus +
VitTellus Bio
COMBINED
ANALYSIS: \$150.00

SUBMISSION CODE

SHTEST3

SUBMISSION FORM

Submission
paperwork –
on website



@VitTellus

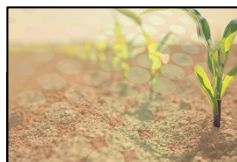
www.VitTellus.com

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VitTellus BioSM from **A&L Canada Laboratories Inc.**, is a next-generation soil test that quantifies soil microbial populations which support improved soil health and greater crop productivity. This new analysis complements the **VitTellus[®] Soil Health** test, a diagnostic used to make more informed decisions on application of nutrients, managing and improving soil health.

Traditional soil tests measure the chemical properties of soil, and that is helpful. But soil is a living, dynamic and continually changing ecosystem requiring a more holistic approach to determining optimal and sustainable management practices. By digging deeper into the physical and biological interactions we can make improved agronomic recommendations for higher yields and great profit.

The VitTellus[®] Soil Health test and VitTellus BioSM are available to assist clients in this deeper assessment of soil parameters.



Microbes of Relevance

Rhizobium

Bio-stimulant &
Disease
Suppressing
Pseudomonas

Gram Negatives

Gram Positives

Quantifies The Beneficial Microbes

- **VitTellus BioSM** utilizes selective carbon sources to measure the concentration of specific functional microbial groups within a soil sample which have known beneficial functionality, i.e. Nitrogen fixation
- Optimal ranges of these functional microbes are provided and along with the soil chemistry metrics will allow you to implement management strategies to increase favorable soil microbe populations
- Various factors affect community composition such as: Soil Type, Fertility Status & Balance Of The Soil, Management Practices, Cover Crops, Time Of Sampling, Crops Grown, etc. But still, there is strong relationship between soil health and different microbial population

TWO TESTS TOGETHER IN ONE PACKAGE ...



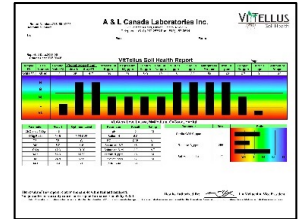
1 VitTellus[®] Soil Health

VitTellus[®] Soil Health analyses provides an assessment of soil health along with key soil chemistry parameters for improved decision making

**SOIL HEALTH
INDEX
FOR DECISIONS**

Package Components:

- VitTellus[®] Soil Health Report + Index
- Solvita CO₂ Test Results
- Standard Soil Fertility Test Results
- A&L Crop Recommendations



VitTellus[®] Soil Health Report

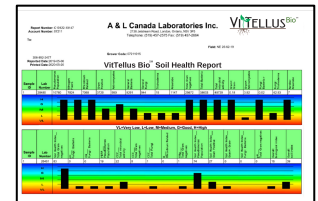


2 VitTellus BioSM

VitTellus BioSM is a soil health test which quantifies the levels of specific functional groups of microbes in the soil that are associated with improved soil health and crop yield

**QUANTIFIES
THE BENEFICIAL
SOIL MICROBES**

- More usable soil biological information, compared to other biologicals tests currently available
- Interpretation with soil chemistry to get complete soil health information
- Can be used to create biological inclusive soil health / environmental farm plan
- Results correlated to soil chemistry parameters in the VitTellus[®] Soil Health Test
- Will be tested in bulk soil -- the same soil samples are used in parallel with the VitTellus[®] Soil Health Test



VitTellus BioSM Report

VitTellus BioSM SOIL HEALTH PACKAGE

- 1 Complete VitTellus[®] Soil Health Test & Report Package
- 2 Complete VitTellus BioSM Report

Technical Support • Online Portal for Access for Report • Live Expert Customer Support



Get a deeper assessment of soil health parameters, contact us for more info:

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About A&L: We are an innovative, research driven technology company focused on sustainable development. Through leading expertise, modern laboratory facilities and strong customer focus, A&L serves a wide range of industries including Agriculture, Environmental, Food & Pharma – globally. A&L has been conducting research over the last 35 years, & with the establishment of the A&L Biologicals Research Division 10 years ago, we are bringing products to market that benefit the sustainability of the agriculture industry. We are deeply committed to continue the investment in bringing next-generation products to the marketplace.