VitTellus Bio™ 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 Bio™ are available to assist clients in this deeper assessment of soil parameters.

Quantifies The Beneficial Microbes

- **VitTellus Bio™** 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
VitTellus® Soil Health analyses provides an assessment of soil health along with key soil chemistry parameters for improved decision making.

**Package Components:**
- VitTellus® Soil Health Report + Index
- Solvita CO2 Test Results
- Standard Soil Fertility Test Results
- A&L Crop Recommendations

VitTellus Bio℠ 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.

- 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

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

A&L Canada Laboratories Inc.
1-855-837-8347 • alcanadalabs@alcanada.com
www.alcanada.com • www.vittellus.com

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.