

Soil and Crop Packages

Price List
2026



SGS

SOIL PACKAGES

PACKAGE I

pH, phosphorus, potassium, magnesium (includes buffer pH, if pH is less than 6.5) OMAFRA Recommendations

PACKAGE II

Package I plus zinc and manganese OMAFRA Recommendations

PACKAGE III

Package I plus organic matter, calcium, zinc, manganese, base saturation, cation exchange capacity (SGS Recommendations)

PACKAGE IV

Package I plus organic matter, calcium, base saturation, cation exchange capacity, zinc, manganese, copper, iron, boron SGS Recommendations

HOME, LAWN & GARDEN PACKAGE

pH, phosphorus, potassium, magnesium, calcium, sodium, organic matter and total salts, with lime requirements and fertilizer recommendations

TOPSOIL PACKAGE

Texture (sand, silt, clay), total salts (EC), pH, buffer pH, phosphorus, potassium, magnesium, calcium, cation exchange capacity, chloride, sodium, sodium adsorption ratio, organic matter. Hand written amendment recommendations and nutrient guidelines.

PACKAGE IV by Mehlich III Extraction

Same as package IV + Aluminum
All results by Mehlich III extraction
No recommendations, PALA accredited method for Quebec soils

Options

(If no base package is selected, a base fee may apply)

Organic Matter

Zinc

Manganese

Total Salt

Boron

Sulphate Sulphur

Bray Phosphorus

Aluminum (Mehlich)

Nitrate Nitrogen

Atrazine

Soil Cyst Nematode

Nematode Count

Solvita

Physical Analysis

Texture (Sand, Silt, Clay)

Sand Fraction (Particle Size Distribution)

Bulk Density

Hydraulic conductivity/permeability

Packing Core (USGA)

Proctor Mold Test

SOIL HEALTH PACKAGE

Includes 5 tests for scoring on OMAFRA SHAP calculator: OM%, Aggregate stability, Active C, CO₂ Burst, PMN

PLANT TISSUE PACKAGES

BASIC

Nitrogen, phosphorus, potassium, magnesium, calcium

COMPLETE

Basic plus zinc, manganese, copper, iron, boron, sulphur

Options

(If no package is selected, a base fee will apply)

Sulphur

Nitrate Nitrogen

Molybdenum

Chloride

Aluminum

FERTILIZERS

N, P₂O₅, K₂O

N

P₂O₅

K₂O

AGRICULTURAL LIME

Dry matter, calcium, magnesium, neutralizing value, particle size, Ag Lime Index

MANURE PACKAGES

LIQUID MANURE

Dry matter, nitrogen, phosphorus, potassium, total salt, ammonium nitrogen

DRY MANURE

Dry matter, nitrogen, phosphorus, potassium, ammonium nitrogen

Options

(If no base package is selected, a base fee may apply)

Calcium and Magnesium

Zn, Mn, Cu, Fe, B

Sulphur

Total Salt

Carbon/Nitrogen Ratio

pH

PESTICIDE SCREENS

Pesticide testing can be performed on water, soil and plant material. Included chemicals can be provided upon request

GC/LC Scan

Over 400 chemical pesticides are included when testing by both GC and LC. Only those detected will be reported

Polar A Screen (Glyphosate)

Includes 15 chemicals including AMPA, glyphosate, glufosinate and perchlorate

Polar B Screen

(Diquat, Melamine, Paraquat)

Includes 20 chemicals (Diquat & paraquat not available on soil)

Phenoxy Acid Herbicides

(2,4-D and dicamba)

Includes 20 broadleaf herbicide chemicals

Please submit 50-100g for soil and plant tissue, or 50-100 ml for water samples. Phenoxy Acid Herbicide scan requires 1 liter of water

HEAVY METALS

Arsenic, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, zinc

This package is designed for agricultural use in obtaining Certification from the Ministry of the Environment for land applied biosolids and NASMs.

IRRIGATION & SPRAY WATER

Total salt (EC), pH, nitrate nitrogen, phosphorus, potassium, calcium, magnesium, sodium, chloride, sulphate, zinc, manganese, copper, iron, boron, silicon, molybdenum, total hardness, bicarbonate, total dissolved solids

FUNGAL, BACTERIAL & VIRUS SCANS

Several packages are offered to detect plant pathogens and beneficial organisms in water, media, soil, and plant material.

HH Pathogen ONE

Select 1 fungal or bacterial pathogen to detect such as *Clavibacter michiganensis* (tomato canker). Results in 4-5 days.

HH Pathogen ONE Virus

Select 1 viral pathogen to detect such as *ToBRFV*, *PepMV*, or *CGMMV*. Results in 4-5 days.

NEW! HH ALIVE & DEAD

Detects a growing list of plant pathogens with viability (live vs dead). Pair with the Pathogen ONE package to see the ratio of Living to Dead cells

HH Fungal Scan

Best for large scale detection of fungi, fungal-like and oomycetes (400+ targets)

HH HEALTH+

New and improved detection of all bacteria, fungi and water molds. Beneficial species are also included. Individual add-ons are available.

OPTIONAL ADD-ONS each

Plants, Insects, Algae, Nematodes, Amphibians, Fish, Eukaryotes (General)

HH HEALTH+ COMPLETE

A Multi-kingdom scan covering all bacteria, fungi, protists, plants, and insects.

DNA Multiscan® Basic

A monitoring scan that reports levels of over 30 common fungal plant pathogens

DNA Multiscan® Diagnostic

A diagnostic scan that reports 70 fungal pathogens and subspecies

Supplies and Forms

If you require sample containers or submission forms, please contact the laboratory.

SGS GUELPH

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Prices subject to applicable taxes and may be changed without notice. Prices effective January 2026. Rates are in Canadian funds.

All SGS services are rendered in accordance with the applicable SGS general conditions of service accessible at http://www.sgs.com/en/terms_and_conditions