

SGS

**SGS
AGRI-FOOD
LABORATORIES
2011**

**AGRI-FOOD LABORATORIES IS NOW PART OF SGS,
THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY**

GREENHOUSE PACKAGES

GREENHOUSE MEDIA

Basic

pH, nitrate nitrogen, phosphorus, potassium, calcium, magnesium, total salt, sodium, chloride, sulphate

Complete

Basic plus ammonium nitrogen, iron, zinc, manganese, copper, boron, molybdenum, Aluminum

Options

(If no base package is selected, a \$10 base fee will apply)

Ammonium Nitrogen

Organic Matter

DNA MULTISCAN

This analysis can detect the presence of plant pathogenic and beneficial organisms in various mediums quickly and simultaneously. Levels are reported as high, medium, low and not detected.

Basic Scan

Best suited to monitor and detect the presence of 25 common plant pathogens in soil, water and plant tissue including Pythium, Phytophthora and Verticillium.

Diagnostic Scan

Best suited as a diagnostic tool; can detect the presence of 66 pathogens and beneficial organisms.

Additional Tests

Bacterial Tomato Canker only

GREENHOUSE SOLUTION

Complete Water

For water without fertilizer

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

Complete Solution

For fertilizer solutions

Total salt, pH, nitrate nitrogen, phosphorus, potassium, calcium, magnesium, sodium, chloride, sulphate, zinc molybdenum, manganese, copper, iron, boron, silicon, bicarbonate, ammonium nitrogen

PLANT TISSUE PACKAGES

Basic

Nitrogen, phosphorus, potassium, magnesium, calcium

Complete

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

Options

(If no base package is selected, a \$10 base fee will apply)

Sulphur

Nitrate Nitrogen

Molybdenum

Chlorides

Aluminum



COMPOST PACKAGES

Compost I

Dry matter, nitrogen, organic matter, organic carbon, C/N ratio, pH, calcium, phosphorus, potassium, magnesium, total salt, sodium

Compost II

Compost I plus cadmium, cobalt, chromium, copper, mercury, molybdenum, nickel, lead, selenium, zinc, arsenic, manganese, aluminum

Options

(If no base package is selected, a \$10 base fee will apply)

PCB

Foreign Material

Solvita Test

Fecal Coliform

Salmonella

CO₂ evolution

Available Soil Nutrient

Available Nutrients by SME

GREEN ROOF PACKAGES

Rooftop Substrate

Sand fraction, bulk density, water content, total pore space, maximum water capacity, air filled porosity, hydraulic conductivity/permeability, organic matter, largest grain size.

Physical Properties

Total porosity, total air space, water holding capacity, bulk density, moisture.

FERTILIZERS

N, P2O5, K2O

Nitrogen, available phosphorus, soluble potash

N

P2O5

K2O

MICROBIOLOGICAL TESTS

Total Coliform

E. Coli

Faecal Coliform

Listeria

Faecal Streptococcus

Minimum sample size: 250 ml

Sterile bottle required — Microbiological analysis will be on a separate report.

Please submit your sample at the beginning of the week to ensure accurate results.

SUPPLIES AND FORMS

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

Our submission forms are also available in a writable PDF format on our website.

CONTACTS

SGS AGRI-FOOD LABORATORIES

1-503 Imperial Road N
Guelph, ON N1H 6T9
Canada

T: +1 (0)519 837 1600

+1 (0)800 265 7175

F: +1 (0)519 837 1242