

Soil Testing Packages

Soil Packages

AFL Package I _____ **\$13.50**
pH, phosphorus, potassium, magnesium
(includes buffer pH, if pH is less than 6.5)
OMAFRA Recommendations

AFL Package II _____ **\$19.25**
Basic I plus zinc and manganese
OMAFRA Recommendations

AFL Package III _____ **\$19.75**
Basic I plus organic matter, calcium,
base saturation, cation exchange capacity
AFL Recommendations

AFL Package IV _____ **\$33.00**
Basic I plus organic matter, calcium,
base saturation, cation exchange capacity,
zinc, manganese, copper, iron, boron
AFL Recommendations

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

| | | |
|--------------------|-------|---------|
| Boron | _____ | \$10.00 |
| Total Salt | _____ | \$ 6.50 |
| Bray Phosphorus | _____ | \$ 8.00 |
| Sulphate Sulphur | _____ | \$12.50 |
| Organic Matter | _____ | \$ 6.50 |
| Zinc and Manganese | _____ | \$ 6.00 |
| Aluminum | _____ | \$16.00 |

| | | |
|-------------------------------------|-------|----------|
| Nitrate Nitrogen (12" or 24" depth) | _____ | \$ 17.50 |
| Atrazine | _____ | \$135.00 |
| Nematode Count | _____ | \$ 45.00 |
| Soybean Cyst Nematode | _____ | \$ 30.00 |

Physical Analysis

| | | |
|-------------------------------------|-------|---------|
| %Sand, %Silt, %Clay | _____ | \$30.00 |
| Sand Fraction | _____ | \$40.00 |
| Bulk Density | _____ | \$50.00 |
| Hydraulic conductivity/permeability | _____ | \$50.00 |

Sampling Services

GPS Grid Sampling

Includes: GPS field mapping, soil sampling and soil analysis. Colour maps and soil reports in a binder.

Soil tests: pH, organic matter, phosphorus, potassium, magnesium, calcium, cation exchange capacity, zinc, manganese

Rates on a per acre basis

1 Ha Grids _____ **\$12.75/ac**
(2.47 acres) (330' X 330')

0.40 Ha Grids _____ **\$31.75/ac**
(1.0 acres) (208' X 208')

Field Perimeter Maps _____ **\$ 2.35/ac**
Calculation of workable acres - \$50 minimum charge

Zone Sampling _____ **\$ 6.25/ac**
(Includes maps) plus sample analysis
Samples are taken from pre-determined management zones

Composite Plus Sampling _____ **\$ 3.40/ac**
(Includes maps) plus sample analysis
GPS boundary map with geo-referenced random bulk composite samples every 25 acres.

Regular Sampling _____ **\$ 1.10/ac**
plus sample analysis
Random bulk composite samples pulled every 25 acres. No GPS mapping included.

Home, Lawn and Garden

pH, phosphorus, potassium, magnesium
calcium, sodium, organic matter and
total salts, with lime requirements
and fertilizer recommendations _____ **\$35.00**



Topsoil Package

Top Soil Basic _____ **\$135.00**

Texture (%sand, %silt, %clay), total salts, pH, buffer pH, phosphorus, potassium, magnesium, calcium, cation exchange capacity, chloride, sodium, sodium absorption ratio, organic matter
Written recommendations for amendments

Heavy Metals

Heavy Metals _____ **\$110.00**

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

This package is designed for agricultural use in obtaining a Certificate of Application from the Ministry of the Environment for application of bio-solids.

Fertilizers

N, P₂O₅, K₂O _____ **\$ 82.00**

Nitrogen, available phosphorus, soluble potash

N _____ **\$ 31.00**

P₂O₅ _____ **\$ 55.00**

K₂O _____ **\$ 55.00**

Agricultural Lime _____ **\$ 40.00**

Dry matter, calcium, magnesium, neutralizing value, particle size, agricultural limestone index.

Plant Tissue Packages

Basic _____ **\$ 17.50**

Nitrogen, phosphorus, potassium, magnesium, calcium

Complete _____ **\$ 24.50**

Basic plus zinc, manganese, copper, iron, boron

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

Sulphur _____ \$16.00

Nitrate Nitrogen _____ \$14.00

Molybdenum _____ \$ 6.50

Chlorides _____ \$ 9.75

Green Roof Package

Rooftop Substrate _____ **\$270.00**

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

Manure Analysis

Liquid _____ **\$ 35.00**

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

Dry _____ **\$ 35.00**

Dry matter, nitrogen, phosphorus, potassium, ammonium nitrogen

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

Calcium and Magnesium _____ \$10.00

Zinc, Manganese, Copper, Boron _____ \$13.00

Total Salt _____ \$ 8.00

Carbon/Nitrogen Ratio _____ \$24.00

pH _____ \$ 6.50

Compost Packages

Compost I _____ **\$ 61.00**

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

Compost II _____ **\$175.00**

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 _____ \$170.00

Foreign Material _____ \$150.00

Solvita Test _____ \$ 50.00

Fecal Coliform _____ \$ 17.50

Salmonella _____ \$ 18.00

CO₂ evolution _____ \$200.00

Available Soil Nutrient _____ \$ 60.00

Available Nutrients by SME _____ \$ 60.00

Prices are quoted on a per sample basis, unless otherwise noted. Prices do not include applicable taxes.
Prices Effective July 1st, 2010 and are subject to change without notice.