

SOIL ANALYSIS (Cont.)

S6	Heavy Metals – each element (Co,Cr, Cd, Pb, Ni)	12.00
SpH	pH only	4.00
SO4-S	Sulphate Sulfur	8.00
S-SS	Soil-Soluble Salts	4.00
SCI	Chloride	8.00
Sna	Sodium	5.00
SNN	Nitrate Nitrogen	15.00
STN	Total Nitrogen by digestion	18.00
SNEK	Non-exchangeable but avail. K	14.00
SOM	Organic Matter by ignition	10.00
SCN	Carbon/Nitrogen ratio (compost)	22.00

SSC1	Sorption Curve Determination For phosphorus, potassium, copper, manganese, zinc.	75.00
SSC2	Sorption Curve Determination For sulfate sulfur and boron.	40.00
SSC3	Any one of the following: P, K, Cu, Mn, Zn.	40.00
SGP	Greenhouse Potted Plant Nutrient Response Survey Study for: Nitrogen, phosphorus, potassium, calcium, magnesium, boron, copper, iron, manganese, molybdenum, sulfur, zinc and liming.	500.00

NEM	Nematode Assay	20.00
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SOIL ANALYSIS FOR POLLUTION PROBLEMS

Phosphorus Sorption: (ASI Procedure)
(including available P present in soil)

PP10	10 Levels of P added	45.00
PP5	5 Levels of P added	30.00
CEC1	Cation Exchange Capacity	15.00
CEC2	Standard 1 N NH4AC Leaching procedure for Soil Classification. Cation Exchange Capacity.	40.00
SAR	SAR calculated from above Analysis	4.00

SOIL PHYSICAL MEASUREMENTS

ST	Soil Texture (hydrometer method –Sand, Silt, Clay)	18.00
SF	Sand size Fractions (6 screen separations)	18.00
MR	Moisture Retention (field capacity)	16.00
PS	Pore Space (non capillary & capillary)	16.00
IR	Infiltration Rate (in/hr)	16.00
BD	Bulk Density (g/cc)	5.00

Combinations of Above Measurements:

MR+PS	28.00
MR+PS+IR	42.00
MR+PS+IR+BD	45.00

PLANT TISSUE ANALYSIS

P1	Complete Analysis: Total nitrogen, phosphorus, potassium, calcium, magnesium, sulfur, boron, copper, iron, manganese, sodium, zinc.	\$25.00
P2	Partial Analysis: Nitrogen, phosphorus, potassium, Calcium, magnesium, sulfur, boron.	20.00
P3	Partial Analysis: Phosphorus, potassium, calcium, magnesium, copper, iron, manganese, zinc.	18.00
P4	Partial Analysis: Sulfur, boron, sodium.	14.00
	Individual Analysis:	
P5	Any one of the above elements except N.	10.00
P6	Any two of the above elements except N.	14.00
P7	Each additional element.	4.00
P8	Heavy Metals – ea.	12.00
P9	Total Nitrogen	15.00
PCI	Chloride	8.00
PPRO	Protein	18.00
PNN	Plant Nitrate Nitrogen	15.00

FERTILIZER ANALYSIS

*With Concentration Specified**

F1	Total Nitrogen, available phosphorus, available potassium.	\$52.00
F2	Moisture Content (oven 110 C)	12.00
F3	Screen Size analysis (4 sizes)	20.00
F4	Heavy Metals – dry fertilizer, ea. Element.(Co,Cr, Cd, Pb, Ni)	12.00
F5	Heavy Metals – liquid fertilizer, ea. Element (Co,Cr, Cd, Pb, Ni)	10.00
F6	Copper, iron, manganese, zinc, calcium, magnesium, sodium potash– ea. Element	12.00
F7	Boron, chloride – ea.	16.00
FTN	Total Nitrogen	25.00
FAN	Ammonium Nitrogen	15.00
FNN	Nitrate Nitrogen	20.00
FUN	Urea Nitrogen	20.00
FP	Available Phosphorus	15.00
FK	Soluble Potash	12.00
FS	Sulfate Sulfur	18.00
FpH	pH	4.00

FUS *Note: When concentration is unspecified, additional sample manipulation is required; therefore, there will be an additional charge of \$3.00 for each element determined.

LIMESONE ANALYSIS

L1	Particle Size (4 screen sep.)	20.00
L2	Calcium carbonate equivalent	15.00
L3	Calcium	12.00
L4	Magnesium	12.00

WATER ANALYSIS

W1	Ammonium nitrogen, phosphorus, potassium, sodium, calcium, magnesium, sulfate sulfur, boron, copper, iron, manganese, zinc, chloride, electrical conductivity, pH, carbonate, bicarbonate.	\$40.00
W2	Calcium, magnesium, sodium, chloride, electrical conductivity, sulfate sulfur, pH.	\$25.00
W3	Any one of the above elements	12.00
W4	Heavy Metals – each element. (Co,Cr, Cd, Pb, Ni)	12.00
WpH	pH only	4.00
WEC	E.C. Only	4.00
WNN	Nitrate	10.00
WSS	Soluble Salts	4.00
WSOL	Solids	10.00
WUN	Urea	20.00
WOP	Organo phosphates	25.00

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Price List

SOIL ANALYSIS

S1	Complete Analysis:	\$25.00
	Organic matter, extractable acidity, ammonium nitrogen, active cation exchange capacity, percent acid saturation, percent base saturation, soil pH, extractable phosphorus, potassium, calcium, magnesium, sulfate sulfur, boron, copper, iron, manganese, zinc, calcium/magnesium ratio, magnesium/potassium ratio, electrical conductivity (where applicable).	
S2	Partial Analysis:	18.00
	Extractable acidity, soil pH, extractable phosphorus, potassium, calcium, magnesium, sulfur, boron.	
S3	Partial Analysis:	14.00
	Soil pH, extractable acidity, calcium, magnesium, potassium, phosphorus, ammonium nitrogen.	
S4	Partial Analysis:	8.00
	Soil pH, extractable acidity, calcium, magnesium.	
S5	Individual Analysis:	5.00
	Any one of the above determinations.	