

MAINE SOIL TESTING SERVICE (STS) and ANALYTICAL LAB (AL)

Packages:

(Price per sample unless otherwise indicated)

1. Standard Soil Test (pH; Lime Index; Available Phosphorus, Potassium, Calcium, Magnesium, Sulfur, Boron, Copper, Iron, Manganese, Sodium, Zinc by modified Morgan method; Organic matter; Lead scan; Calculated Cation Exchange Capacity). Recommendations for corrective amendments.	\$15
1A. Comprehensive Soil Test: Standard Test plus Available nitrogen (Nitrate plus Ammonium) – Most appropriate for samples taken from May to September.	\$22
1B. Winter discount - full Standard Soil Test, run on any soil sample received at the lab between January 1 and March 1. <i>Sample in late fall, set aside to air-dry until discount period.</i> Report will be sent out within 4 weeks. This discount applies to the basic Standard Soil Test only.	effective 01/01/12 \$12
2A. Add-on charge for Soil Biological Health (Microbial Biomass w/ suggested guidelines)	\$10
2B. Add-on charge for Soluble Salts	\$5
2C. Add-on charge for Nitrate + Ammonium Nitrogen	\$7
3A. Basic High Tunnel Package (newer houses < 3 yrs. old or regularly uncovered or flushed) - Standard (Field) Soil Test with recommendations, plus Soluble Salts, Nitrate+Ammonium.	\$22
3B. Long-Term High Tunnel Package (continuously covered for 3 years or more) – Saturated Media Extract for pH; Soluble Salts; Nitrate+Ammonium-N, P, K, Mg, Ca, Al, B, Cu, Fe, Mn, Na, S, Zn; plus Organic matter. Organic fertilizer recommendations.	\$22
4. Nutrient Management/Grid Sample Package (Soil pH; Lime buffer pH; Available P, K, Mg, Ca, Fe, Mn, Zn). <i>Customer choice of extraction method: Morgan, modified Morgan, or Mehlich-3.</i> Data reported in spreadsheet format, without recommendations.	\$12
5. Greenhouse Media Analysis (pH; Total Soluble Salts; Nitrate+Ammonium-N, Ca, K, Mg, P, Al, B, Cu, Fe, Mn, Mo, Na, S, Zn) by Saturated Media Extract	\$15
6. Forest Soil Package (pH, exchangeable acidity, Total C/N, LOI-OM, Ammonium chloride-extractable Ca, K, Mg, P, Al, Fe, Mn, Na, Zn; Calculated CEC)	\$40

Additional/Separate Analyses upon request:

(Price per sample unless otherwise indicated)

7. Soil Biological Health only (Microbial Biomass w/organic matter management guidelines)	\$15
8. Organic Matter only	\$ 6
9. Nitrate Only	\$12
10. Amino Sugar Nitrogen (Illinois soil nitrogen test)	\$15
11. Water Stable Aggregate Analysis: 0.25+, 0.5+, 1.0+ mm size choices (separate sizes run and charged separately)	\$20
12. Soluble Salts only	\$8
13. Particle Size Analysis (Texture)	\$20
14. pH only OR pH plus lime requirements	\$10
15. Available Boron (Hot Water Extract)	\$15
16. Exchangeable Acidity (titration)	\$10
17. Cation Exchange Capacity (measured by Displacement Method at pH 7.0)	\$30
18. Walkley-Black Oxidizable Carbon	\$20
19. Sulfate-S (Phosphate extract)	\$10
20. KCl extractable NH ₄ and NO ₃	\$15
21. *EPA Acid Digestion Method 3051 ----- Plus Charge for any Element by ICP (Al, Ag, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, La, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sn, Ti, Tl, V, Zn)-----	\$15/sample \$10/element
* \$50 minimum charge applies.	
22. Mercury (EPA Method 7471)	\$50
23. EPA Acid Digestion Method 3010 ----- Plus Charge for As and/or Se (EPA Method 3010) -----	\$15/sample \$15/element
24. Total Si (HF digestion)	\$50
25. Combustion Analysis – total C, total N-----	\$15 for any one element \$20 for both \$3 credit
Prepped sample credit (dried & sieved) -----	\$3 credit
26. Water extractable Nitrate Nitrogen, Sulfate-S, Chloride Plus Charge for water extraction of solid sample	\$10/per ion \$10/sample