

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

Soil Test 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; Metals scan; Calculated Cation Exchange Capacity). Recommendations for corrective amendments.	\$18
1A. Comprehensive Soil Test: Standard Test plus Available nitrogen (Nitrate plus Ammonium) – Most appropriate for samples taken from May to September.	\$25
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 01/01/19 \$15
1C. Volume Discount: 30 or more samples in 1 delivery for Standard Soil Test. Samples must be shipped or delivered in STS sample containers	\$15
2A. Add-on charge for Soil Biological Health (Microbial Biomass w/ suggested guidelines)	\$12
2B. Add-on charge for Soluble Salts	\$7
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.	\$25
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.	\$25
4. Soil Health/Quality Package (Comprehensive Soil Test plus Texture, Aggregate Stability, Plant-available Water, Active Carbon/Microbial Biomass, Potential Nitrogen Supply, and an evaluation of Soil Compaction measurements at sampling time [requires a penetrometer])	\$60
5. 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.	\$14
6. 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	\$18
7. 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)

8. Additional/Add-on Extractions (Mehlich 3, Morgan, Modified Morgan, Am. Oxalate, DTPA)	\$12
9. Lead Scan (Total Soil Lead content - nitric acid extraction)	\$12
10. Organic Matter only	\$ 8
11. Nitrate Only (PSNT: 1 – 2 day turnaround)	\$15
12. Amino Sugar Nitrogen (Illinois soil nitrogen test)	\$18
13. Water Stable Aggregate Analysis: 0.25+, 0.5+, 1.0+ mm size choices (separate sizes run and charged separately)	\$24
14. Soluble Salts only	\$10
15. Particle Size Analysis (Texture)	\$24
16. pH only OR pH plus lime requirements	\$12
17. Exchangeable Acidity (titration)	\$12
18. Cation Exchange Capacity (measured by Displacement Method at pH 7.0)	\$35
19. Walkley-Black Oxidizable Carbon	\$24
20. Sulfate-S (Phosphate extract)	\$12
21. KCl extractable NH ₄ and NO ₃	\$18
22. EPA Acid Digestion Method 3051 ----- Plus Charge for any Element by ICP (Al,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Mo,Na,Ni,P,Pb,S,Ti,V,Zn)	\$20/sample \$10/element
23. Mercury (EPA Method 7471)	\$60
24. EPA Acid Digestion Method 3010 ----- Plus Charge for As and/or Se (EPA Method 3010) -----	\$20/sample \$20/element
25. Total Si (HF digestion)	\$50
26. Combustion Analysis – total C, total N-----	\$18 for any one element \$23 for both
Prepped sample credit (dried & sieved) -----	\$3 credit
27. Water extractable Nitrate Nitrogen, Sulfate-S, Chloride Plus Charge for water extraction of solid sample	\$10/per ion \$10/sample