

SOIL ANALYSIS

TEST	TEST DESCRIPTION	PRICE PER SAMPLE	SAMPLE SIZE**	NOTES ***
S1	Sample Preparation / Drying and Grinding (REQUIRED FOR MOST SAMPLES)	\$ 4.00		
CHEMICAL PARAMETERS				
S2	pH (saturated paste)	\$ 4.00	100g	
S3	Electrical Conductivity (Ece) (saturated paste)	\$ 6.00	100g	
S4	pH + Ece	\$ 7.00	100g	
S5	SAR - Sodium Adsorption Ratio	\$ 14.00	150g	
S6	pH + Ece + SAR	\$ 17.00	150g	
S7a	Phosphorus - Olsen NaHCO ₃ Method (Available P)	\$ 7.00	2.5g	
S7b	Potassium - Olsen NaHCO ₃ Method (Available K)	\$ 7.00	2.5g	
S7c	Olsen P + K	\$ 11.00	2.5g	
S8a	Nitrate-N (Available N) Ca(OH) ₂ extract	\$ 9.00	5g	a
S8b	Nitrate-N (Available N) 2N KCl extract	\$ 10.00	20g	a
S8c	Ammonia-N (2N KCl extract)	\$ 14.00	20g	a
S8d	Nitrate-N + Ammonia-N (2N KCl extract)	\$ 19.00	20g	a
S9a	DTPA-extractable Elements Micronutrients (Fe, Zn, Cu, Mn)	\$ 10.00	10g	
S9b	DTPA-extractable Elements Metals (Fe, Zn, Cu, Mn, Cd, Cr, Ni, Pb)	\$ 11.00	10g	
S10	Sulfate-S (Available Sulfur)	\$ 10.00	10g	
S11	Boron - Hot-water extractable	\$ 17.00	15g	
S12a	Organic carbon/Organic Matter Walkley-Black	\$ 13.00	0.5g	
S12b	Organic carbon/Organic Matter Loss on Ignition / Ash	\$ 14.00	20g	
S12c	Combustion (Total Carbon)	\$ 20.00	5g	
S13	Combustion (Total Nitrogen)	\$ 20.00	5g	a
S14	Combustion (Total Carbon + Nitrogen)	\$ 20.00	5g	a
S15a	Water-Soluble Elements (Saturation paste) Ca, Mg, Na, K, B, S	\$ 17.00	250+g	
S15b	Water-Soluble Elements (Saturation paste) Chloride (Cl)	\$ 15.00		
S15c	Water-Soluble Elements (Saturation paste) CO ₃ + HCO ₃	\$ 18.00		
S15d	Water-Soluble Elements (Saturation paste) Nitrate-N (NO ₃ -N)	\$ 16.00		
S15e	Water-Soluble Elements (Saturation paste) All	\$ 34.00		
S16	Ammonium Acetate Extractable Cations (Ca, Mg, Na, K)	\$ 20.00	4g	
S17	Cation Exchange Capacity - NaOAc / NH ₄ OAc Replacement Method	\$ 39.00	4g	
S18	Exchangeable Cation Percentage (Includes tests - CEC, NH ₄ OAc-ext. cations, water-soluble cations, SP)	\$ 75.00	200g+	
S19	Total Element Composition EPA 3050 Digestion + ICP analysis	\$ 33.00	4g	b
S20	CaCO ₃ Equivalent (Lime equivalent)	\$ 14.00	100g	
PHYSICAL PARAMETERS				
S21	Coarse Fragment Analysis (>2mm fraction)	\$ 8.00	100g	
S22	Particle Size by Hydrometer	\$ 19.00	100g	
S23	Sand Sieving (VF, F, M, C, VC)	\$ 17.00	100g	
S24	Particle Size by Hydrometer + Sand Sieving	\$ 35.00	100g	
S25	Texture by Feel	\$ 5.00	100g	
S26	Moisture Content	\$ 4.00	100g	

TEST	TEST DESCRIPTION	PRICE PER SAMPLE	SAMPLE SIZE**	NOTES ***
TEST PACKAGES (AIR-DRIED AND ENTIRE SAMPLE CAPABLE OF PASSING THROUGH A 2 MM SIEVE)				
S27	Basic Test*	\$ 11.00	100g	
S28	Routine Test*	\$ 22.00	100g	
S29	Manure App Test*	\$ 32.00	100g	a
S30	MicroPlus Test*	\$ 32.00	100g	
S31	Complete Test*	\$ 64.00	100g	a
S32	UDOT Required Test*	\$ 58.00	100g	
S33	Landscaper Test*	\$ 87.00	100g	a
S34	NAPT Test*	\$ 24.00	100g	
SURCHARGES AND OTHER FEES				
S35	Excess sample surcharge (sample contains more than 3.5 cups of sample)**	\$ 5.00		
S36	Special Handling/Late Fees	tbd		c
TEST PACKAGES**				
1	Basic	\$ 14.00		
2	Routine Test	\$ 25.00		
3	Manure App Test	\$ 35.00		a
4	MicroPlus Test	\$ 35.00		
5	Complete Test	\$ 67.00		a
6	UDOT Required Test	\$ 61.00		
7	Landscaper Test	\$ 90.00		a

*These prices do not include sample preparation/drying fee

**Weights are on dry weight basis, wet samples will need more sample to compensate for water in the sample. Test Packages typically require 2 cups of soil. Too much less than this means some parameter analyses may not be performed due to lack of sample. Too much (much more than the amount needed) may lead to the lab imposing an excess sample surcharge to cover the costs of working with more soil than needed.

***Notes:

- a. Preservation and special handling/storage required; consult laboratory.
- b. As + Se are now included in total element composition analysis.
- c. Special Handling charges may be included for atypical samples, special requests, or other problems with samples at the discretion of the the laboratory. Late fees will be assessed to invoices past due.

Prices Effective: 02/01/2017

Prices Subject to Change Without Notice.