

SOIL FERTILITY

Tests and Prices



SOIL TESTS	METHOD	TURN AROUND TIME	PRICE	SAMPLE SIZE
Drying and Milling - required if not completed prior to submission			\$8.00	—
Moisture Content	Gravimetric	15	\$10.00	100 g
pH	1:1	10	\$7.50	30 g
Electrical Conductivity (EC)	1:1	10	\$7.50	30 g
Lime Requirement	Woodruf Buf. pH	10	\$20.00	30 g
Available Phosphorus (P)	Bray (1:10)	15	\$25.00	20 g
Available Phosphorus (P) and Potassium (K)	Olsen/Morgan	15	\$25.00	20 g
Available Phosphorus (P) and Potassium (K)	Mehlich-3	10	\$20.00	20 g
Mehlich-3 Panel: B, Ca, Cu, Fe, K, Mg, Mn, Na, P, S, Zn and CEC	Mehlich-3	10	\$30.00	20 g
Available Boron (B)	Hot Water extr.	15	\$25.00	60 g
Micronutrient Screen: Fe, Mn, Cu, Zn	DTPA	15	\$40.00	60 g
Cations: Na, K, Ca, Mg	Extractable	15	\$40.00	20 g
Cations: Na, K, Ca, Mg	Soluble	15	\$40.00	200 g
Cation Exchange Capacity (CEC-Calculated)	Mehlich-3 Panel	—	—	—
Cation Exchange Capacity (CEC)	Cation Displacement	15	\$40.00	30 g
Calcium Carbonate Content	Gravimetric	15	\$30.00	30 g
Nitrate/Nitrite and Ammonia	KCl extr.	10	\$15.00	30 g
Organic Matter	Colorimetric	10	\$20.00	10 g
Organic Matter	Titrimetric	15	\$35.00	10 g
Total Carbon (C) and Nitrogen (N)	Combustion	15	\$20.00	3 g
Total Organic Carbon (C)	Combustion	15	\$30.00	3 g
Extractable Sulfate-Sulfur	CA(H ₂ PO ₄) ₂ extr.	15	\$30.00	75 g
Extractable Chloride (Cl)	Ca(NO ₃) ₂ extr.	15	\$30.00	100 g
Soluble Chloride (Cl)	Saturated Paste	15	\$30.00	100 g
Particle Size Distribution	Hydrometer	15	\$35.00	200 g
Phosphorus (P) Adsorption Isotherm		15	\$250.00	1000 g
Macro & Micro Element Screen: ICP-OES As, Ba, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, S, V, Zn	Acid Digest	15	\$85.00	100 g
Total Recoverable Lanthanide Screen: ICP-OES Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sm, Th, Y	Acid Digest	15	\$125.00	100 g
Total Recoverable Element Screen: ICP-MS Ag, As, Ba, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Tl, V, Zn	Acid Digest	15	\$140.00	100 g
Single Element by ICP-OES	Acid Digest	15	\$40.00	100 g
Single Element by ICP-MS	Acid Digest	15	\$50.00	100 g

Turn-Around Time: Listed by business days

Bulk Discount: >5 samples receives 10% discount .

For >30 samples, please call for a quote.

Contract Pricing: If looking to multiple samples throughout the year, please call for a quote.

For additional information and support please call or visit our website

The Analytical Sciences Laboratory does not provide interpretation of results.



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