

## Fee Book Pricing Per Analysis

Soil Health Lab

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**Oregon State**  
University

### Notes on Pricing:

\*Contact the lab via email if you'd like a formal quote. Quotes are always abided by even if fees change.

\*Pricing is **per sample AND varies by submission size**. Discount per sample for submissions of 16+ samples.

For example, submitting 2 samples of Western OR Basic package would fall in the 1-15 samples price range and cost a total of \$137.50 (\$61.00/sample \* 2 + \$10.00 sample preparation + \$5.50 invoice processing).

Packages				
Package	Content	RUSH Price Per Sample	Price Per Sample (1-15 samples)	Price Per Sample (16+ samples)
Western/Eastern OR Basic	pH, lime req, NH <sub>4</sub> -N, NO <sub>3</sub> -N, Bray P, K, Mg, Ca, Total CN, Organic matter	\$ 178.50	\$ 61.00	\$ 50.50
Western/Eastern OR Advanced	Basic + Mn, Cu, Zn, Fe, B	\$ 215.00	\$ 75.50	\$ 62.50
Basic Soil Health Assessment	pH, texture, Total CN, Organic matter, wet aggregate stability, respiration		\$ 85.00	\$ 81.50
Complete Assessment of Soil Health	pH, EC, Organic matter, Total CN, NO <sub>3</sub> -N, P, K, Mg, Ca, texture, potentially mineralizable N, active carbon, wet aggregate stability, respiration		\$141.50	\$128.50
Soil Microbial Assessment	microbial biomass, microbial respiration, active carbon, B-glucosidase activity		\$ 90.00	\$ 76.00
Soil Physical Assessment	texture, wet aggregate stability, moisture		\$ 65.50	\$ 61.00
Plant Tissue Analysis	Total C, N, P, K, S, Ca, Mg, B, Mn, Fe, Zn, Cu, Mo	\$156.50	\$ 45.00	\$ 37.50

<b>Packages continued</b>				
<b>Package</b>	<b>Content</b>	<b>RUSH Price Per Sample</b>	<b>Price Per Sample (1-15 samples)</b>	<b>Price Per Sample (16+ samples)</b>
Manure/Compost Analysis	C, N, NO <sub>3</sub> , NH <sub>4</sub> , P, K, Ca, S, Mg, Total ash	\$211.00	\$ 74.50	\$ 61.50
Heavy-Metal Soil Analysis	Total As, Cd, Cr, Cu, Ni, Pb, Zn	\$119.50	\$ 36.00	\$ 28.50

<b>Individual Analyses</b>				
<b>Analysis</b>	<b>Description</b>	<b>RUSH Price Per Sample</b>	<b>Price Per Sample (1-15 samples)</b>	<b>Price Per Sample (16+ samples)</b>
Sample preparation (Per sample)	Separation of fine earth & preparation prior to analysis (i.e. grinding, sieving, drying)	\$ 5.00	\$ 5.00	\$ 5.00
Active Carbon	Polyphenolic carbon compounds involved in nutrient cycling and plant defense		\$ 16.00	\$ 15.00
Bulk Density	Mass 105C oven-dried soil/volume	\$ 3.00	\$ 3.00	\$ 3.00
Cation Exchange Capacity (Potential)	Exchangeable soil acid + base cations (total only)		\$ 61.00	\$ 58.50
Cation Exchange Capacity (Effective)	Exchangeable base soil cations	\$ 86.00	\$ 24.50	\$ 18.50
Plant available P (PO <sub>4</sub> -P)	Colorimetric analysis for Bray + Olsen extractions	\$ 35.50	\$ 13.00	\$ 11.50
Plant available ammonium (NH <sub>4</sub> -N)	Colorimetric analysis for KCl extractions (Lachat)	\$ 30.50	\$ 8.00	\$ 6.00
Plant available nitrate (NO <sub>3</sub> -N)	Colorimetric analysis for KCl extractions (Spectrophotometer)	\$ 29.50	\$ 7.00	\$ 5.00
Plant available ammonium & nitrate (NH <sub>4</sub> -N + NO <sub>3</sub> -N)		\$ 59.50	\$ 15.00	\$ 10.50

<b>Individual Analyses (continued)</b>				
<b>Analysis</b>	<b>Description</b>	<b>RUSH Price Per Sample</b>	<b>Price Per Sample (1-15 samples)</b>	<b>Price Per Sample (16+ samples)</b>
Dry Ash	C matrix deconstruction of plant material	\$ 24.00	\$ 12.50	\$ 11.50
Electrical Conductivity (EC)	Conductivity of salts in solution	\$ 10.00	\$ 7.00	\$ 7.00
Elemental Analysis (ICP-OES)	Determination of elemental concentrations	\$100.00	\$ 22.50	\$ 15.50
Extraction-simple soil	Varies by nutrient	\$ 19.00	\$ 9.50	\$ 9.00
Lime requirement-Sikora Buffer	Buffer pH	\$ 17.50	\$ 6.50	\$ 5.50
Microbial biomass	Biomass of soil microbial community		\$ 36.50	\$ 31.00
Microbial respiration	Measurement of CO <sub>2</sub> release over 96-hr incubation (Picarro)		\$ 13.50	\$ 13.50
Microwave digestion	Total C matrix deconstruction of plant or soil material	\$ 20.00	\$ 14.50	\$ 14.00
Moisture release curve	Soil moisture release by Hyprop		\$ 128.00	\$ 123.00
Organic matter (Loss on ignition)	Estimates organic matter content (%) based on mass loss upon heating	\$ 12.00	\$ 8.50	\$ 8.50
pH	acidity or alkalinity	\$ 10.00	\$ 7.00	\$ 7.00
pH + EC		\$ 15.00	\$ 9.00	\$ 8.50
Potentially mineralizable N (7 day)	N mineralization by microbial activity after 7-day incubation	\$ 34.50	\$ 17.00	\$ 16.00
Potentially mineralizable N (28 day)	N mineralization by microbial activity after 28-day incubation	\$ 33.50	\$ 16.00	\$ 14.50
B-glucosidase enzyme	Microbial activity indicator		\$ 26.00	\$ 18.00
Texture (Hydrometer)	Sand, silt, clay fractions	\$ 25.50	\$ 17.00	\$ 16.00
Texture (Sieve & Pipette)	More sand and silt fractions than hydrometer	\$ 66.50	\$ 43.00	\$ 40.50
Total Ash	Organic C in a plant sample by oxidation at high temperature	\$ 12.00	\$ 8.50	\$ 8.50

<b>Individual Analyses (continued)</b>				
<b>Analysis</b>	<b>Description</b>	<b>RUSH Price Per Sample</b>	<b>Price Per Sample for 1-15</b>	<b>Price Per Sample for 16+</b>
Dissolved Carbon, Nitrogen (liquid)	Total CN in liquid extract		\$ 26.00	\$ 18.50
Total Carbon, Nitrogen, Sulfur (solid)	Total CN in plant or soil	\$ 34.00	\$ 22.50	\$ 21.00
Water Stable Aggregates	Aggregate stability after rain simulated event	\$ 51.50	\$ 36.50	\$ 35.50
ACE Protein	Microbial activity indicator		\$ 12.50	\$ 12.50
Processing fee per submission	Invoice processing time	\$ 5.50	\$ 5.50	\$ 5.50
Research, Development, or Training (Per hour)			\$ 60.50	\$ 60.50
Quarantine Handling (Per analysis)	Additional cleaning and documentation		\$ 5.00	\$ 3.50
Instrument time (ICP-OES) (Per hour)			\$ 62.00	\$ 62.00