

## Research Sample Information Form - EXTERNAL WEIGHED SOIL Samples



Kansas State University Soil Testing Laboratory  
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[www.agronomy.ksu.edu/soiltesting/](http://www.agronomy.ksu.edu/soiltesting/)

External SOIL Research - WEIGHED

Researcher's Name \_\_\_\_\_

Billing Information (Required)

Department \_\_\_\_\_

Name \_\_\_\_\_

Phone \_\_\_\_\_

Billing Address \_\_\_\_\_

Email \_\_\_\_\_

City/St/Zip \_\_\_\_\_

Results will be sent to this address

Study Name \_\_\_\_\_

Date Submitted \_\_\_\_\_

(Be specific)

Samples will be retained for six months after reporting, for pick up. Samples after six months will be disposed.

# of Samples	Analysis		External price
	Soil Preparation	drying and grinding	\$1.25
	pH	1:1 (soil:water)	\$2.25
	Phosphorus	Mehlich-3 (recommended)	\$2.00
	Phosphorus	Olsen (Bicarb)	\$2.00
	Phosphorus	Bray-1	\$2.00
	1st Ammonium Acetate (Circle One)	K, Ca, Mg, or Na	\$2.50
	Additional Cations	K, Ca, Mg, or Na	\$1.75 per element
	1st DTPA Extraction (Circle One)	Fe, Zn, Cu, or Mn	\$3.25
	Additional Metals	Fe, Zn, Cu, or Mn	\$0.75 per element
	1st KCl Nitrogen (Circle One)	NO <sub>3</sub> or NH <sub>4</sub>	\$2.75
	Additional KCl Nitrogen	NO <sub>3</sub> or NH <sub>4</sub>	\$1.00 per element
	Electrical Conductivity	Paste extract	\$7.00
	Texture (particle size)	Hydrometer	\$12.50
	Cation Exchange Capacity	Displacement	\$10.75
	Cation Exchange Capacity	Summation	\$10.25
	Chloride	Calcium Nitrate Extraction	\$3.50
	Sulfate-Sulfur	Calcium Phosphate Extraction	\$3.50
	Total Nitrogen and Carbon	Dry Combustion	\$10.00
	Total Nitrogen and Organic Carbon	Dry Combustion	\$12.25
	Total Phosphorus	Salicylic-Sulfuric Acid Digestion	\$7.50
	Total Nitrogen and Phosphorus	Salicylic-Sulfuric Acid Digestion	\$9.75
	Organic Matter	Loss on Ignition	\$2.75
	Organic Matter	Modified Walkley-Black	\$5.50
	Soil Carbonate	manometer	\$6.50
	1st Heavy Metal (Nitric digestion)	Pb, As, Cd, or Cr	\$10.00
	Additional Heavy Metal	Pb, As, Cd, or Cr	\$1.50 per element
	Aluminum	1 N KCl	\$5.75