

## Research Sample Information Form - EXTERNAL SCOOPED 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 - SCOOPED**

Researcher Name:	<b>Billing Information (Required)</b>
Organization/Department:	Name:
Phone:	Billing Address:
Email:	City/St/Zip:
Study Name:	Date Submitted:
Return Samples:                      YES* or NO (circle one)	Date Results Needed:

\*Samples **WILL BE DISCARDED** if they have not been picked up within 6 months

# of samples	Analysis	Elements/Nutrients	Description or Procedure	External Price
	Soil preparation		Drying, grinding, sieving	\$1.75
	Soil pH		1:1 soil-water	\$2.75
	Phosphorus	Soil-P (recommended)	Mehlich-3 extraction	\$2.25
	Phosphorus	Soil-P	Bray-1 extraction	\$2.25
	Phosphorus	Soil-P	Olsen (bicarbonate) extraction	\$2.25
	Cations (circle one element):	K, Ca, Mg, or Na	Ammonium acetate extraction	\$2.75
	Cations (all)	K, Ca, Mg, or Na	Ammonium acetate extraction	\$6.25
	Micronutrient metals (circle one):	Fe, Zn, Cu, or Mn	DTPA extraction	\$4.00
	Micronutrient metals (all)	Fe, Zn, Cu, or Mn	DTPA extraction	\$7.00
	Inorganic-N (circle one):	NO <sub>3</sub> or NH <sub>4</sub>	KCl extraction	\$2.75
	Inorganic-N (all)	NO <sub>3</sub> or NH <sub>4</sub>	KCl extraction	\$3.75
	Electrical Conductivity	EC	Saturated paste extraction	\$7.25
	Soil texture (particle size distribution)	Sand, Silt, Clay (%)	Hydrometer	\$16.50
	Cation Exchange Capacity	CEC	Summation	\$9.00
	Cation Exchange Capacity	CEC	Displacement	\$13.75
	Chloride	Cl	Ca(NO <sub>3</sub> ) <sub>2</sub> extraction	\$3.75
	Sulfate	SO <sub>4</sub> -S	Ca(HPO <sub>4</sub> ) <sub>2</sub> extraction	\$4.25
	Total N and Total C	TN, TC	Dry combustion	\$8.25
	Total N and Total Organic-C	TN, TOC	Dry combustion	\$13.75
	Total P	TP	Salicylic-sulfuric acid digestion	\$9.75
	Total N and Total P	TN, TP	Salicylic-sulfuric acid digestion	\$12.50
	Organic Matter	OM	Loss on ignition	\$4.00
	Organic Matter	OM	Modified Walkley-Black	\$7.00
	Soil Carbonate	CaCO <sub>3</sub> equivalent	Manometer	\$8.75
	Heavy Metal Assay (circle one):	Pb, As, Cd, or Cr	Nitric acid digestion	\$13.50
	Heavy Metal Assay (all):	Pb, As, Cd, or Cr	Nitric acid digestion	\$19.50
	Exchangeable Aluminum	Al	KCl extraction	\$7.00
	Soil sterilization fee		APHIS compliance	\$0.50

Orders with 20+ samples will receive a 10% volume discount. A \$0.25 discount is available for pre-extracted samples.