

Research Sample Information Form - EXTERNAL SCOOPED SOIL Samples



Kansas State University Soil Testing Laboratory
 2308 Throckmorton, Manhattan, KS 66506-5503
 (P) 785-532-7897 (F) 785-532-7412
www.agronomy.ksu.edu/soiltesting/

External SOIL Research - SCOOPED

Researcher Name:	Billing Information (Required)
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	\$1.25
	Soil pH		1:1 soil-water	\$2.25
	Phosphorus	Soil-P (recommended)	Mehlich-3 extraction	\$1.75
	Phosphorus	Soil-P	Bray-1 extraction	\$1.75
	Phosphorus	Soil-P	Olsen (bicarbonate) extraction	\$1.75
	Cations (circle one element):	K, Ca, Mg, or Na	Ammonium acetate extraction	\$2.00
	Cations (all)	K, Ca, Mg, or Na	Ammonium acetate extraction	\$5.25
	Micronutrient metals (circle one):	Fe, Zn, Cu, or Mn	DTPA extraction	\$3.25
	Micronutrient metals (all)	Fe, Zn, Cu, or Mn	DTPA extraction	\$5.50
	Inorganic-N (circle one):	NO ₃ or NH ₄	KCl extraction	\$2.25
	Inorganic-N (all)	NO ₃ or NH ₄	KCl extraction	\$3.25
	Electrical Conductivity	EC	Saturated paste extraction	\$7.25
	Soil texture (particle size distribution)	Sand, Silt, Clay (%)	Hydrometer	\$12.50
	Cation Exchange Capacity	CEC	Summation	\$7.50
	Cation Exchange Capacity	CEC	Displacement	\$11.00
	Chloride	Cl	Ca(NO ₃) ₂ extraction	\$3.25
	SO ₄ -S	SO ₄ -S	Ca(HPO ₄) ₂ extraction	\$3.50
	Total N and Total C	TN, TC	Dry combustion	\$6.75
	Total N and Total Organic-C	TN, TOC	Dry combustion	\$11.50
	Total P	TP	Salicylic-sulfuric acid digestion	\$7.50
	Total N and Total P	TN, TP	Salicylic-sulfuric acid digestion	\$11.50
	Organic Matter	OM	Loss on ignition	\$2.75
	Organic Matter	OM	Modified Walkley-Black	\$5.50
	Soil Carbonate	CaCO ₃ equivalent	Manometer	\$6.50
	Heavy Metal Assay (circle one):	Pb, As, Cd, or Cr	Nitric acid digestion	\$10.75
	Heavy Metal Assay (all):	Pb, As, Cd, or Cr	Nitric acid digestion	\$14.50
	Exchangeable Aluminum	Al	KCl extraction	\$5.75
	Soil sterilization fee		APHIS compliance	\$0.25

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