

UD Core Laboratory for Soil, Plant and Water Analysis

Analysis Request Form - Soil Samples - *No Recommendations*

Fees Effective 8/2024

Data Set:			
Name:		Phone Number:	
Address:		Fax Number:	
		E-Mail Address:	
PO/Account No.:		Date Required:	
Number of Samples:		Advisor's Signature - UD Samples	

Requested (X)	Analysis	Cost/Sample	Cost/Set
Soil Fertility Analyses			
	SL1. Research M3-Routine Analysis: pH, buffer pH, OM by LOI, M3-P, K, Ca, Mg, Mn, Zn, Cu, Fe, S, B, Al, CEC, %BS - No Recs. Results in spreadsheet form.	\$18.00	
	B3. Soluble Salts	\$10.00	
	B4. Pre-sidedress Soil Nitrate Test by 2M KCl Extraction - includes rush	\$18.00	
	B5. Soil Lead Screening Test - Mehlich 3 Extraction	\$20.00	
	B6. Rush Service Fee -- with Approval per K. Gartley	\$30.00	
Soil Property Characterization			
	SL2. Moisture Content and Percent Solids	\$10.00	
	SL3. Bulk Density	\$30.00	
	SL4. Water & AE Buffer pHs	\$15.00	
	SL5. Organic Matter by LOI only	\$15.00	
	SL6. Walkley Black Organic Matter	\$40.00	
	SL7. OM 246 protocol	\$30.00	
	SL8. Mehlich 3 Extraction with Routine Elements	\$18.00	
	SL9. Mehlich 1 Extraction with Routine Elements	\$18.00	
	SL10. Water Extractable Soluble Carbon	\$20.00	
	SL11. Acetic Acid Extraction for P and Si	\$25.00	
	SL12. Nitrate and Ammonium-Nitrogen by 2M KCl Extraction	\$18.00	
	SL13. Total Nitrogen Only (by Combustion)	\$17.00	
	SL14. Total Carbon Only (by Combustion)	\$17.00	
	SL15. Total Carbon AND Total Nitrogen By Combustion	\$26.00	
	SL16. Total Organic Carbon In Soil	\$41.00	
	SL17. Soil Texture Analysis by Hydrometer	\$35.00	
	SL18. USDA Sand Classes by Sieve Analysis	\$45.00	
	SL19. Custom Sieve Analysis - Specify Sieves Below	\$45.00	
	SL20. Cation Exchange Capacity at pH 7.0 with Exch Cations (K, Ca, Mg, Na)	\$40.00	
	SL21. Exchangeable Acidity	\$25.00	
	SL22. Microwave Digestion - EPA3051	\$20.00	
	SL23. Autoblock Digestion - EPA3050	\$20.00	
<i>The following tests also require the selection of a digestion or extraction method from the options above (SL22 or SL23)</i>			
	SL24. ICP Analysis of Digest for Routine Element Package (P, K, Ca, Mn, Zn, Cu, Fe, B, S, Na and Al)	\$16.00	
	SL25. ICP Analysis of Digest for Heavy Metal Element Package (As, Cd, Co, Cr, Cu, Ni, Pb and Zn)	\$16.00	
	SL26. ICP Analysis of Digest or Soil Extracts for 4 Elements or Less	\$16.00	
	SL27. Other:		
		Total Cost	

Special Instructions: (e.g., samples hazards, list of elements to be analyzed, weigh or scoop, etc).

Disposal Instructions:	RETURN SAMPLES	DISPOSE OF SAMPLES
Lab Use Only:		
Data Set Name:		Lab Numbers:
Date Complete:		
Comments:		