

Soil, Water & Forage Analytical Laboratory Testing Services and Price List

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Prices Effective June 1, 2011

Soil Property Analyses

Soil Fertility

Routine Analysis	\$10.00
pH (1:1), Lime Requirement (Sikora), NO ₃ -N, Soil Test P & K (Mehlich 3)	
Subsoil Nitrate-N	\$2.00
(with the submission of Surface Soil)	
Nitrate-N or Ammonium-N	\$4.00
NO ₃ -N or NH ₄ -N (1M KCl)	
Nitrate-N and Ammonium-N	\$5.00
NO ₃ -N or NH ₄ -N (1M KCl)	
Secondary Nutrients	\$4.00
Mg, Ca (M3), and SO ₄ (0.008M Calcium Phosphate)	
Micronutrients	\$4.00
Fe, Zn, B and Cu (DTPA – Sorbitol)	

Soil Salinity

Salinity Management	\$15.00
(1:1 Soil to water Extraction) - Na, Ca, Mg, K, B, EC, TSS (Total Soluble Salts), SAR, ESP, pH	
Comprehensive Salinity	\$40.00
(Saturated Paste Extraction) Na, Ca, Mg, K, B, EC, TSS, SAR, ESP, pH, Cl ⁻ , CO ₃ ⁼ , HCO ₃ ⁼ , NO ₃ -N, SO ₄ ⁼	

Soil Texture

Textural Class (Hydrometer)	\$10.00
Soil Organic Matter & Nitrogen	
Organic Matter	\$6.00
Total Nitrogen	\$6.00
TN% (LECO)	
Organic Carbon & Total Nitrogen	\$6.00
OC% and TN% (LECO)	

Greenhouse Root Media Analyses

Greenhouse Media	\$20.00
(Saturated Media Extraction) Na, Ca, Mg, K, P, S, B, EC, pH, NO ₃ -N, NH ₄ -N	
Greenhouse Media Plus	\$30.00
(DTPA Saturated Media Extraction) Na, Ca, Mg, K, P, S, B, EC, pH, NO ₃ -N, NH ₄ -N Plus Fe, Cu, and Zn	

Water Quality Analysis

Livestock Water	\$6.00
EC, pH, NO ₃ -N, TSS(Total Soluble Salts)	
Household Water	\$15.00
Na, Ca, Mg, K, Fe, Zn, Cu, Mn, EC, pH, NO ₃ -N, Cl ⁻ , SO ₄ ⁼ , TSS (Total Soluble Salts), and Hardness	
Irrigation Water	\$15.00
Na, Ca, Mg, K, B, EC, pH, NO ₃ -N, Cl ⁻ , SO ₄ ⁼ , CO ₃ ⁼ , HCO ₃ ⁼ , SAR, TSS, and Hardness	
Nitrate-N or Ammonium-N	\$3.00
Nitrate-N and Ammonium-N	\$4.00
Ortho-P or Total Dissolved P (TDP)	\$3.00
Ortho-P (Colorimetric) or TDP (ICP)	

Miscellaneous Charges

Faxing Results	\$1.00
Chain of Custody Form	\$1.00
Forage Sample Bags	\$0.25

Forage Quality Analyses

Nitrate Toxicity	\$6.00
Nitrate and Moisture	
Basic Analysis	\$6.00
Protein (Dry Combustion – LECO) and Moisture	
Basic Plus Energy	\$12.00
Protein and Moisture, ADF (Acid Detergent Fiber), TDN, Net Energy for Gain, Lactation, Maintenance	
Basic Plus Energy Plus RFV	\$18.00
Protein and Moisture, ADF, TDN, Energy, NDF (Neutral Detergent Fiber) and RFV (Relative Feed Value for Alfalfa only)	

Plant Tissue Sample Analyses

Plant Tissue Analysis	\$18.00
TN, P, K, Ca, Mg, S, B, Cu, Fe, Mn and Zn	

Feed & Grain Sample Analyses

TN or C or Both	\$6.00
Total Nitrogen and Carbon (Dry Combustion – LECO)	
Minerals	\$12.00
Ca, P, Mg, K, S, Cu, Fe, Zn, Mn and Moisture	

Animal Waste Analyses

Test 1	Liquid - \$25.00
pH, EC, Moisture, TN, TC, Others- \$20.00	
S, P, K, Ca, Mg, Na, Cu, Zn, Mn, and Fe	
Test 2	\$6.00
NH ₄ -N and NO ₃ -N	
Test 3	\$8.00
Water Soluble P	

Other Tests May Be Available Upon Request

www.soiltesting.okstate.edu