

# SOIL TEST CHARGES

North Dakota State University Soil Testing Laboratory

V 17.1

Item	Soil Depth	Charges
Nitrate-Nitrogen - NO <sub>3</sub> -N	0-24"	\$ 3.15
	24"-48"	\$ 3.15
	0-6" & 0-24"	\$ 6.30
	0-6" & 6-24"	\$ 6.30
	0-6"	\$ 3.15
Phosphorus (P) - Olsen procedure	0-6"	\$ 3.30
Potassium (K)	0-6"	\$ 3.30
pH (1:1 water)	per depth	\$ 2.10
SMP Buffer pH	-	\$ 2.65
Soluble Salts (EC) (1:1 water)	per depth	\$ 2.10
Organic Matter (Loss of Ignition)	0-6"	\$ 3.15
Sulfate-Sulfur - SO <sub>4</sub> -S	per depth	\$ 2.90
Chloride (Cl)	per depth	\$ 3.55
Zinc (Zn)	0-6"	\$ 3.45
Copper (Cu)	0-6"	\$ 3.45
Manganese (Mn)	0-6"	\$ 3.45
Iron (Fe)	0-6"	\$ 3.45
Sodium (Na)	0-6"	\$ 2.65
Calcium (Ca)	0-6"	\$ 2.65
Magnesium (Mg)	0-6"	\$ 2.65
Calcium Carbonate Equivalent (CCE) CaCO <sub>3</sub> Equivalent	0-6"	\$ 7.20
Cation Exchange Capacity (CEC) (summation)	-	\$ 15.00
Exchangable Sodium Percentage	-	\$ 15.00
<b>Saturated Paste Package:</b> Sodium Adsorption Ratio (SAR), Soluble Salts (EC), Saturation %, and pH	-	\$ 21.25
Hydrometer Mechanical Analysis (Soil Texture)	-	\$25.00
<b>Manure Analysis- per sample</b>		
<b>Routine Analysis</b>	-	\$37.50
% Solids, %N, %P <sub>2</sub> O <sub>5</sub> , %K <sub>2</sub> O		
<b>Routine Analysis + NO<sub>3</sub>-N, NH<sub>4</sub>-N</b>	-	\$50.00
<b>Complete Analysis</b>	-	\$75.00
% Solids, %N, %P <sub>2</sub> O <sub>5</sub> , %K <sub>2</sub> O		
NO <sub>3</sub> -N, NH <sub>4</sub> -N, pH, EC Ca, Mg, Na, Zn, Cu, Fe, Mn,		

<b>Water Analysis</b>		
<b>Water Quality Analysis (Total Package)</b>		\$45.00
Package includes: SAR, TDS, Hardness, pH, Soluble Salts (EC), Calcium, Magnesium, Sodium, Potassium, Alkalinity (carbonates and bicarbonates), and Chloride	-	
<b>Water Quality Analysis (Total Package - with recommendation)</b>		\$60
<b>Water tests - offered individually:</b>		
Nitrate-Nitrogen - NO <sub>3</sub> -N	-	\$ 3.15
Phosphorus (P)	-	\$ 3.30
Potassium (K)	-	\$ 3.30
Calcium (Ca)	-	\$ 2.50
Magnesium (Mg)	-	\$ 2.50
Sodium (Na)	-	\$ 2.50
Chloride (Cl)	-	\$ 3.75
pH	-	\$ 2.10
Soluble Salts (EC)	-	\$ 2.10
Alkalinity (carbonates and bicarbonates)	-	\$ 3.50
<b>Miscellaneous:</b>		
Greenhouse Growth Media(pH, Soluble Salts, NO <sub>3</sub> -N , P, K, Ca, Mg, Na)		\$ 31.25
Lawn and Garden Package (pH, Soluble Salts, Organic Matter, NO <sub>3</sub> -N , P, K)		\$ 19.50
Hand Ground Samples-fee will be added if inadequate sample is submitted	per sample	\$ 1.00
International soil samples, processing fee/sample		\$4.00
Prices subject to change without notice. For most current version visit our website: <a href="http://www.ndsu.edu/soils/services/soil_testing_lab/">http://www.ndsu.edu/soils/services/soil_testing_lab/</a>		