

SOIL

N & P Test \$6.85			Complete Test \$23.50		
<i>(Suggested for all field crops when diagnosing problems)</i>					
Nitrate-nitrogen			Nitrate-nitrogen	Sodium	Soil pH
Phosphorus			Phosphorus	Zinc	Buffer pH
			Potassium	Iron	Soluble salts
			Sulfur	Manganese	CEC*
			Calcium	Copper	Base saturation %
			Magnesium	Organic matter	
Eastern Cornbelt Test \$10.45			Lawn & Garden Soil Analysis \$26.25		
Phosphorus	Soil pH	Soluble salts	Golf Course and Athletic Turf Analysis		
Potassium	Buffer pH		<i>(Fertilizer recommendations given in lbs. per 1,000 sq. ft.)</i>		
			Nitrate-nitrogen	Sodium	Soil pH
			Phosphorus	Zinc	Buffer pH
			Potassium	Iron	Soluble salts
			Sulfur	Manganese	CEC*
			Calcium	Copper	Base saturation %
			Magnesium	Organic matter	Graphical Report
Small Grain Test \$11.35			Complete Saturated Media Extract Test \$44.10		
<i>(Suggested for small grains, pasture & range grasses)</i>			<i>(Suggested for nursery and greenhouse media mixes)</i>		
Nitrate-nitrogen	Potassium	Buffer pH	<i>(Requires 1 gallon sample in plastic bag)</i>		
Phosphorus	Soil pH	Soluble salts	Nitrate-nitrogen	Iron	Magnesium
			Ammonium-nitrogen	Manganese	Sodium
			Phosphorus	Copper	Chloride
			Potassium	Boron	Soil pH
			Sulfur	Molybdenum	Soluble salts
			Zinc	Calcium	Graphical Report
Basic Test \$14.85			Soil Salinity Appraisal \$55.15		
<i>(Suggested for small grains & grasses, especially when herbicides are used)</i>			<i>(Suggested for saline/sodic soil reclamation)</i>		
Nitrate-nitrogen	Organic matter	Buffer pH	Exchangeable cations:		
Phosphorus	Soil pH	Soluble salts	Potassium, Calcium, Magnesium, Sodium		
Potassium			Extractable: Calcium, Magnesium, Sodium, Potassium, Bicarbonate, Chloride, Sulfur, Boron		
			Soil pH (1:1)		
			Soil pH (sat. paste)		
			Soluble salts		
			Extractable salts (EC _e)		
			Sodium adsorption ratio (SAR)		
			Salinity interpretations		
			& Gypsum recommendations		
Forage Legume Test \$16.00					
<i>(Suggested for alfalfa & forage legumes)</i>					
Nitrate-nitrogen	Magnesium	Buffer pH			
Phosphorus	Sodium	Soluble salts			
Potassium	Organic matter	CEC*			
Sulfur	Soil pH	Base saturation %			
Calcium					
General Test \$16.90					
<i>(Suggested for general field crops)</i>					
Nitrate-nitrogen	Zinc	Buffer pH			
Phosphorus	Organic matter	Soluble salts			
Potassium	Soil pH				
Row Crop Test \$19.70					
<i>(Suggested for field crops, especially with sandy soil or irrigation)</i>					
Nitrate-nitrogen	Magnesium	Buffer pH			
Phosphorus	Sodium	Soluble salts			
Potassium	Zinc	CEC*			
Sulfur	Organic matter	Base saturation %			
Calcium	Soil pH				

Grid Sampling and Analysis Packages

Customized grid sample packages are available upon request. Contact the laboratory for more information on soil sampling, analysis, and mapping services.

*CEC- Cation exchange capacity

Individual Tests

Minimum charge	\$6.00
Aluminum, exchangeable	\$9.95
Boron	\$5.55
Cation exchange capacity (summation)	\$12.15
Cation exchange capacity (SW846 #9081)	\$55.15
Chloride	\$5.55
ECe and SAR	\$17.40
Exchangeable Potassium, Calcium, Magnesium, Sodium, and Sulfur (NH ₄ OAc, pH 7.0)	
First element	\$5.60
Each additional element.....	\$.35
Mehlich 3 extraction-ICP analysis: Phosphorus, Calcium, Magnesium, Sodium, Sulfur, Zinc, Iron, Manganese, Copper	
First element	\$5.60
Each additional element.....	\$.35
Nitrogen	
Nitrate.....	\$4.65
Ammonium	\$5.25
Nitrate & Ammonium	\$9.90
Total (dry combustion)	\$11.05
Organic matter (Walkley-Black).....	\$6.65
Organic matter (LOI).....	\$6.65
Particle size analysis (by hydrometer) (% sand, % silt, % clay, USDA soil texture)	\$17.40
pH, Buffer pH (SMP, Woodruff or Adams Evans), and Soluble salts (with lime recommendations).....	\$5.55
Phosphorus (Mehlich 3, Bray 1, or Sodium Bicarbonate).....	\$5.60
Sand grain size.....	\$44.10
Zinc, Iron, Manganese, Copper (CaCl ₂ -DTPA)	
First element	\$7.15
Each additional element.....	\$1.15

Soil Analysis

- Soil phosphorus is routinely analyzed by Mehlich 3
- Bray 1 or Sodium Bicarbonate phosphorus tests are available upon request
- Analysis requires 1 pint of sample
- Order your sample supplies online at www.servitechlabs.com