

## **N & P Test** **\$6.50**

Nitrate-nitrogen  
Phosphorus

## **Eastern Cornbelt Test** **\$9.95**

Phosphorus      Soil pH      Soluble salts  
Potassium      Buffer pH

## **Small Grain Test** **\$10.80**

*(Suggested for small grains, pasture & range grasses)*

Nitrate-nitrogen      Potassium      Buffer pH  
Phosphorus      Soil pH      Soluble salts

## **Basic Test** **\$14.10**

*(Suggested for small grains & grasses, especially when herbicides are used)*

Nitrate-nitrogen      Organic matter      Buffer pH  
Phosphorus      Soil pH      Soluble salts  
Potassium

## **Forage Legume Test** **\$15.20**

*(Suggested for alfalfa & forage legumes)*

Nitrate-nitrogen      Magnesium      Buffer pH  
Phosphorus      Sodium      Soluble salts  
Potassium      Organic matter      CEC\*  
Sulfur      Soil pH      Base saturation %  
Calcium

## **General Test** **\$16.05**

*(Suggested for general field crops)*

Nitrate-nitrogen      Zinc      Buffer pH  
Phosphorus      Organic matter      Soluble salts  
Potassium      Soil pH

## **Row Crop Test** **\$18.75**

*(Suggested for field crops, especially with sandy soil or irrigation)*

Nitrate-nitrogen      Magnesium      Buffer pH  
Phosphorus      Sodium      Soluble salts  
Potassium      Zinc      CEC\*  
Sulfur      Organic matter      Base saturation %  
Calcium      Soil pH

## **Complete Test** **\$22.35**

*(Suggested for all field crops when diagnosing problems)*

Nitrate-nitrogen      Sodium      Soil pH  
Phosphorus      Zinc      Buffer pH  
Potassium      Iron      Soluble salts  
Sulfur      Manganese      CEC\*  
Calcium      Copper      Base saturation %  
Magnesium      Organic matter

## **Lawn & Garden Soil Analysis** **\$25.00**

**Golf Course and Athletic Turf Analysis**

*(Fertilizer recommendations given in lbs. per 1,000 sq. ft.)*

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

## **Complete Saturated Media Extract Test** **\$42.00**

*(Suggested for nursery and greenhouse media mixes)*

*(Requires 1 gallon sample in plastic bag)*

Nitrate-nitrogen      Iron      Magnesium  
Ammonium-nitrogen      Manganese      Sodium  
Phosphorus      Copper      Chloride  
Potassium      Boron      Soil pH  
Sulfur      Molybdenum      Soluble salts  
Zinc      Calcium      Graphical Report

## **Soil Salinity Appraisal** **\$52.50**

*(Suggested for saline/sodic soil reclamation)*

**Exchangeable cations:**      Soil pH (1:1)  
Potassium, Calcium,      Soil pH (sat. paste)  
Magnesium, Sodium      Soluble salts  
**Extractable:** Calcium,      Extractable salts (EC<sub>e</sub>)  
Magnesium, Sodium,      Sodium adsorption ratio (SAR)  
Potassium, Bicarbonate,      Salinity interpretations  
Chloride, Sulfur, Boron      & Gypsum recommendations

### **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**

Aluminum, exchangeable .....	\$9.45
Boron .....	\$5.25
Cation exchange capacity (summation) .....	\$11.55
Cation exchange capacity (SW846 #9081) .....	\$52.50
Chloride .....	\$5.25
ECe and SAR .....	\$16.55
Exchangeable Potassium, Calcium, Magnesium, Sodium, and Sulfur (NH <sub>4</sub> OAc, pH 7.0)	
First element .....	\$5.30
Each additional element.....	\$.30
Mehlich 3 extraction-ICP analysis: Phosphorus, Calcium, Magnesium, Sodium, Sulfur, Zinc, Iron, Manganese, Copper, Boron	
First element .....	\$5.30
Each additional element.....	\$.30
Nitrogen:	
Nitrate.....	\$4.40
Ammonium .....	\$5.00
Nitrate & Ammonium .....	\$9.40
Total (combustion).....	\$10.50
Organic matter (Walkley-Black).....	\$6.30
Organic matter (LOI).....	\$6.30
Particle size analysis (by hydrometer) (% sand, % silt, % clay, USDA soil texture) .....	\$16.55
pH, Buffer pH (SMP or Woodruff), and Soluble salts (with lime recommendations) .....	\$5.25
Phosphorus (Mehlich 3, Bray 1, or Sodium Bicarbonate).....	\$5.30
Sand grain size.....	\$42.00
Zinc, Iron, Manganese, Copper (CaCl <sub>2</sub> -DTPA)	
First element .....	\$7.05
Each additional element.....	\$1.05

### **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](http://www.servitechlabs.com)