



# TESTING SOLUTIONS

## SOIL TESTING

### *"Package A" Soil Test*

Soil pH, Buffer pH, Soluble Salts, Excess Carbonate, Organic Matter, Sodium, Phosphorus, Potassium, Magnesium, Calcium, CEC, % Base Saturation, Summary Report & Guidelines

### *"Routine Package" Soil Test*

Soil pH, Buffer pH, Soluble Salts, Excess Carbonate, Organic Matter, Sodium, Phosphorus, Potassium, Magnesium, Calcium, CEC, Nitrate, Sulfur, Zinc, % Base Saturation, Summary Report & Guidelines

### *"Diagnostic Package" Soil Test*

Soil pH, Buffer pH, Soluble Salts, Excess Carbonate, Organic Matter, Sodium, Phosphorus, Potassium, Magnesium, Calcium, CEC, Nitrate, Sulfur, Zinc, Manganese, Copper, Iron, Boron, CEC, % Base Saturation, Summary Report & Guidelines

### *"Additional Analysis" for all Soil Test Packages* each

Traces (Zn, Mn, Cu, Fe)

Nitrate

Sulfur

Zinc

Boron

Sulfur & Zinc

PSA (Physical Soil Analysis - Soil Texture)

Salinity

Bray II

Molybdenum

Chloride

Arsenic, Extractable

Profile Nitrate

Profile Chloride

Profile Sulfur

## ISTRC

A system developed to give a better understanding of the physical soil properties of Sand Based Greens, Push Up Greens and Athletic Fields.

ISTRC Core Evaluations will let you evaluate 1"-4" and 4"-8" profiles. Evaluations include Soil Compaction, Organic Content, Layering, Infiltration Rates and much more.

## TISSUE TESTING

### *Complete Nutrient Analysis (Leaf Blade)*

Total Nutrients, Nitrogen, Phosphorus, Potassium, Magnesium, Calcium, Sodium, Sulfur, Zinc, Manganese, Copper, Iron, Boron, Aluminum

### *Complete Nutrient Analysis (Plant Petiole)*

Nitrate Nitrogen, Phosphate Phosphorus, Potassium, Magnesium, Calcium, Sodium, Sulfur, Zinc, Manganese, Copper, Iron, Boron, Aluminum

### *Extractable Nutrients (Plant Petiole)*

Nitrate Nitrogen, Phosphate Phosphorus, Extractable Potassium

### *Additional Plant Analysis*

Normal Ranges

Molybdenum

Chloride

Nitrate

Total Nitrogen

## WATER TESTING

### *Irrigation Suitability*

pH, Hardness, Bicarbonate, Carbonate, Electrical Conductivity, Sodium, Chloride, Sodium Absorption Ratio, Nitrate, Phosphorus, Potassium, Magnesium, Calcium, Sulfate, Manganese, Iron, Boron

### *Individual Dissolved Minerals*

Aluminum, Boron, Calcium, Copper, Iron, Magnesium, Manganese, Potassium, Phosphorus, Sodium, Zinc

### *Total N-P-K Analysis*

Total Nitrogen, Total Phosphorus, Total Potassium

### *Individual Analysis*

Sulfate Sulfur

Total Alkalinity

Chloride

Hardness (Mg & Ca)

Ammonium Nitrogen

Nitrate Nitrogen

Total Nitrogen