

**UNIVERSITY OF MINNESOTA**  
**Soil Testing Laboratory**

1902 Dudley Avenue St. Paul, MN 55108

**PROFESSIONAL TURF MANAGEMENT**

SOIL, PLANT TISSUE AND WATER  
 ANALYSIS REQUEST SHEET

Report No. \_\_\_\_\_

Contact Name \_\_\_\_\_  
 Company Name \_\_\_\_\_  
 Email Results to \_\_\_\_\_  
 Mail Results to \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 County \_\_\_\_\_ Phone \_\_\_\_\_

Payment Amount \_\_\_\_\_  
 Pay by  Check  
 Cash  
 Credit Card (call lab with card info)  
 Bill to Account # \_\_\_\_\_

Please list sample  
 codes and test  
 requests on back

**PLANT TISSUE ANALYSIS -** Includes drying, grinding and 48 hour turn around time

<b>Plant Tissue Package 1</b> \$45.00	Elemental Analysis - Basic 15 (Al, B, Ca, Cd, Cr, Cu, Fe, K, Mg Mn, Na, Ni, P, Pb and Zn)
<b>Plant Tissue Package 2</b> \$50.00	Total Nitrogen Elemental Analysis - Basic 15 (Al, B, Ca, Cd, Cr, Cu, Fe, K, Mg Mn, Na, Ni, P, Pb and Zn)
<b>Plant Tissue Package 3</b> \$60.00	Total Nitrogen and Sulfur Elemental Analysis - Basic 15 (Al, B, Ca, Cd, Cr, Cu, Fe, K, Mg Mn, Na, Ni, P, Pb and Zn)

**WATER ANALYSIS**

<b>Water Package</b> \$52.25	pH and Electrical Conductivity (E.C.) Hardness Sulfate and Chloride (ion chromatography) Carbonate and Bicarbonate Salt Concentration (TDS) NO <sub>3</sub> and NH <sub>4</sub>
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**SOIL ANALYSIS -** Includes N-P-K fertilizer recommendations

<b>Soil Package 1</b> \$22.00	Regular Series (P, K, Organic Matter, pH, Texture) Calcium and Magnesium
<b>Soil Package 2</b> 49.75	Regular Series (P, K, Organic Matter, pH, Texture) DTPA (Copper, Iron, Manganese and Zinc) Sulfate Boron Calcium and Magnesium E.C./Soluble Salts (1:1 slurry method) Nitrate (NO <sub>3</sub> )
<b>Soil Package 3</b> \$99.75	Regular Series (P, K, Organic Matter, pH, Texture) DTPA (Copper, Iron, Manganese and Zinc) Sulfate Boron Calcium and Magnesium CEC (summation) & % base saturation E.C. Saturated Paste, ESP & SAR NO <sub>3</sub> and NH <sub>4</sub> (wet soil extraction) Chloride

## SOIL SAMPLES

4-Digit Sample Code Fertilizer Recommendations For Analysis Package

- |  |                                       |
|--|---------------------------------------|
| <input type="checkbox"/> Turf before seeding/sodding | <input type="checkbox"/> Golf Tee     |
| <input type="checkbox"/> School/Industrial Grounds   | <input type="checkbox"/> Golf Fairway |
| <input type="checkbox"/> Athletic Field              | <input type="checkbox"/> Golf Green   |
| <input type="checkbox"/> Park/Cemetery               |                                       |

- |  |                                       |
|--|---------------------------------------|
| <input type="checkbox"/> Turf before seeding/sodding | <input type="checkbox"/> Golf Tee     |
| <input type="checkbox"/> School/Industrial Grounds   | <input type="checkbox"/> Golf Fairway |
| <input type="checkbox"/> Athletic Field              | <input type="checkbox"/> Golf Green   |
| <input type="checkbox"/> Park/Cemetery               |                                       |

- |  |                                       |
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- |  |                                       |
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| <input type="checkbox"/> School/Industrial Grounds   | <input type="checkbox"/> Golf Fairway |
| <input type="checkbox"/> Athletic Field              | <input type="checkbox"/> Golf Green   |
| <input type="checkbox"/> Park/Cemetery               |                                       |

## HOW TO SUBMIT SAMPLES

Samples may be delivered in person to Room 135 Crops Research Building, University of Minnesota (see map below), or mail to:

Soil Testing and Research Analytical Laboratory

University of Minnesota

135 Crops Research Building

1902 Dudley Avenue

St. Paul, MN 55108

Website: <http://soiltest.cfans.umn.edu/>

Phone: (612) 625-3101

Enclose form and full payment for each sample to be tested. You may send one check to cover the cost of multiple samples. Make checks payable to the University of Minnesota. **Do not send cash.** The University of Minnesota will not be responsible for cash sent through the mail. The sender pays postage. If paying by credit card but not in person, please call the lab at (612) 625-3101 with credit card information.

## PLANT OR WATER SAMPLES

4-Digit Sample Code

Analysis Package

_____	_____
_____	_____
_____	_____
_____	_____

## MINIMUM SAMPLE QUANTITY REQUIRED

Plant Tissue Package 1-3: 1 cup of fresh plant material

Water Package: 200 mL water

Soil Package 1: 2-3 cups moist soil

Soil Package 2-3: 3-4 cups moist soil

