

# FLORIST/GREENHOUSE/NURSERIES TESTING REQUEST SHEET

Soil Testing Laboratory - University of Minnesota  
135 Crops Research Building  
1902 Dudley Avenue, St. Paul, MN 55108  
(612) 625-3101  
soiltest@umn.edu  
z.umn.edu/soiltest

## SOIL/MEDIA

### **Standard test - \$25.00 per sample (Spurway or Saturated Media Extract (SME))**

pH, soluble salts (electrical conductivity), nitrate, ammonia, phosphorus, potassium, calcium, magnesium, sodium, iron, manganese, zinc, copper, molybdenum, boron

### **Two test media option - \$10.00 per sample**

pH and soluble salts

### **How to collect a media/soil sample - Established Plants**

- Collect a representative sample of the media by combining 5 to 10 subsamples into a single sample bag.
- Exclude the top 1/2 inch of media, but otherwise sample from the top to the bottom of the pot.
- Submit about 2 cups of media for Spurway analysis; for SME a quart is better.
- Problem areas should be sampled separately.
- For best results, follow the same procedure each time you sample so results can be compared and trends established.

## WATER\* (Irrigation water, NOT drinking water)

### **Standard test - \$30.00 per sample**

pH, alkalinity, soluble salts (electrical conductivity), nitrate, ammonia, phosphorus, potassium, calcium, magnesium, sodium, iron, manganese, zinc, copper, molybdenum, boron

### **Two test water option - \$10.00 per sample**

Alkalinity and pH

### **How to collect a water sample**

- Allow the water to run for 5 minutes to clear the lines.
- Rinse a clean plastic bottle several times with the water/fertilizer to be tested.
- Fill the bottle with approximately 1 pint (2 cups) of water and securely cap.
- Clearly label the bottle.

\*These prices apply only to water that does NOT contain fertilizer. If fertilizer has been added there may be an extra charge to cover the additional work required. You may wish to contact the laboratory before sending in such a sample.

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Company Name \_\_\_\_\_

Date Received \_\_\_\_\_

Contact Person(s) \_\_\_\_\_

Billing Total \_\_\_\_\_

Phone \_\_\_\_\_

Check # \_\_\_\_\_, or pay with a Credit Card  
(at drop off or over the phone)

Send results to:

Billing Address (call us to set up an account)

Email \_\_\_\_\_

\_\_\_\_\_

Mail \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date Billed/Deposited \_\_\_\_\_

## SOIL/MEDIA

Standard test - **\$25.00** per sample

Select one:  Spurway\*

SME\*

Soluble salts and pH - **\$10.00**

## WATER

Standard test - **\$30.00** per sample

Alkalinity and pH - **\$10.00**

Sample ID	Test Requested	Sample ID	Test Requested

Samples received by noon on Wednesday will be analyzed with reports issued by the close of business on Thursday. Samples arriving after noon on Wednesday will be placed in cold storage and tested the following week. Please contact the lab for more information or holiday schedule adjustments.

\* Spurway - 1 minute shake in dilute acid - total measurement  
SME - 90 minute passive soak in DI water - plant available measurement