

SOIL & PLANT NUTRIENT LABORATORY  
MICHIGAN STATE UNIVERSITY  
**WATER SAMPLE INFORMATION SHEET**

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

County \_\_\_\_\_ Sample Identification \_\_\_\_\_

**Water Source**

- \_\_\_\_\_ well less than 50 ft deep
- \_\_\_\_\_ well 50 – 100 ft deep
- \_\_\_\_\_ well greater than 100 ft deep
- \_\_\_\_\_ pond
- \_\_\_\_\_ ditch
- \_\_\_\_\_ city water
- \_\_\_\_\_ from tile drain
- \_\_\_\_\_ other (specify)

**Use**

- \_\_\_\_\_ greenhouse irrigation
- \_\_\_\_\_ irrigating field crops
- \_\_\_\_\_ carrier for pesticides
- \_\_\_\_\_ other (specify)

*The water analyses done by the MSU Soil & Plant Nutrient Laboratory are for the determining the quality of water for use in growing plants only – the analyses DOES NOT test the water for potability.*

**Test (s) Desired:**

- \_\_\_\_\_ Complete Water Analysis (\$25.00 per sample)  
(includes pH, soluble salts, alkalinity, nitrate-N, phosphorus, potassium, calcium, magnesium, sodium and chloride)
- \_\_\_\_\_ Nitrate–Nitrogen(\$6.00 per sample) \_\_\_\_\_ Nitrate N+Ammonia(\$8.00 per sample)
- \_\_\_\_\_ Sodium (\$7.00 per sample) \_\_\_\_\_ Alkalinity (\$6.00 per sample)
- \_\_\_\_\_ Chloride (\$10.00 per sample)
- \_\_\_\_\_ Total Soluble Salts (\$6.00 per sample)
- \_\_\_\_\_ pH only (\$5.00 per sample)
- \_\_\_\_\_ Other (specify – prices vary depending on analysis desired)

**For Sample Collection procedures please see reverse side.**

For MSU research samples only:

For Lab use only:

Account Number to charge: \_\_\_\_\_

\_\_\_\_\_ paid

Receipt K Number: \_\_\_\_\_

\_\_\_\_\_ charge

Laboratory ID#: \_\_\_\_\_

## **SAMPLE COLLECTION PROCEDURES**

### General Information:

Allow the water to run at least five minutes before collecting a water sample. Preferably, collect the water sample after completion of an irrigation run or filling a large water tank. Before collecting water sample be sure the nozzle of the hose or faucet is clean and rinse out a clean plastic pail and the sample bottle with the water to be sampled.

### Collecting Irrigation Water:

1. Allow the water to run an extended period of time
2. Rinse a clean plastic pail and the sample bottle with the water to be sampled.
3. Fill the clean plastic pail with water.
4. Fill the sample bottle by submerging it in the water collected in the pail.
5. Securely cap the filled sample bottle.

### Sampling Drainage Water:

1. From a tile drain, fill a clean plastic pail with the drainage water.
2. Rinse the sample bottle with the drainage water.
3. Fill the sample bottle by submerging it in the water collected in the pail.
4. Securely cap the filled sample bottle.

### Complete the Information Sheet and Send the Sample:

Enclose the completed information sheet and a check for the analyses desired with the filled sample bottle. Return the filled water sample bottle, information sheet and check to:

MSU Soil & Plant Nutrient Lab  
1066 Bogue St. Rm A81  
Plant & Soil Science Bldg.  
East Lansing, MI 48824

Hours: 8:00 AM-12:00 Noon, 1:00 PM – 5 PM  
Monday – Friday  
(closed Tuesdays July – March)  
Phone: (517) 355-0218 Fax: (517) 355-1732