

Sampling Irrigation Water

A laboratory analysis is no better than the sample submitted for analysis. The sample should represent the conditions of use as much as possible.

Sample Bottles: Bottles should be clean. Plastic bottles should be used. At least one pint of sample is required.

Sampling Technique: Before filling, rinse out the sample bottle(s) two or three times with the water being collected. Fill the bottle(s) completely and cap tightly.

Lakes and Reservoirs: Choose location, depth, and frequency of sampling depending on local conditions and the purpose of the investigation. Avoid surface scum.

Wells: Be sure the pump has been delivering water for at least 30 minutes. If the well is new, a sample taken after several hours' delivery should be more representative than the samples taken earlier.

Distribution Systems: Flush lines sufficiently to ensure that the sample is representative of the supply.

How to Complete Form for Water Test Clemson Ag Service Lab

Completely fill in all requested information at the top of the Irrigation Water form.

Account: If you do not have a personal account with Clemson Ag Service Lab, the seven-digit account number has already been filled in with **CropKing's Account Number**, therefore, the CropKing horticultural team will receive a copy of your water report.

Email: If you would like to receive a copy of your water report, fill in your personal email address in this space.

Sample ID: Enter your sample identification number/label in the blocks provided. Make sure that the sample ID on the sample bottle of water matches the ID on the form.

Water Source: Check appropriate water source.

Intended Water Use: The **Vegetable** box has already been checked for CropKing customers.

Check Analysis: The appropriate box has already been marked for the analysis desired ("**Special**"). Write in the fee for that sample: \$25 for in-state (in S. Carolina); \$50 for out-of-state.

Enter Cost: Enter the cost and total due. If paying by check enter your check number. Make checks payable to Clemson University.

Mail your water sample, completed form, and payment to:

Clemson University
Agricultural Service Laboratory
171 Old Cherry Road
Clemson SC 29634



Irrigation Water

Agricultural Service Laboratory
171 Old Cherry Road / Clemson, SC 29634
Phone: 864-656-2068 Fax: 864-656-2069
<http://www.clemson.edu/agsrvlb>

LAB USE ONLY
Lab No. _____

Name: _____ Date Sampled: _____
LAST, FIRST

Address: _____

City: _____

State: _____ Zip Code: _____ Phone Number: (____) _____ - _____

Account: 1000320 Fax Number: (____) _____ - _____

Email: _____

Sample Label: _____	Check Analysis	In-state Cost	Out-of-State	Enter Cost
Water Source (Check One):	<input type="checkbox"/> Standard	\$6.00	\$12.00	_____
<input type="checkbox"/> Municipal	<input checked="" type="checkbox"/> Special (Do not select both standard and special)	\$25.00	\$50.00	_____
<input type="checkbox"/> Pond	<input type="checkbox"/> Heavy Metals	\$15.00	\$30.00	_____
<input type="checkbox"/> Lake	<input type="checkbox"/> Fax Report	\$1.00	\$1.00	_____
<input type="checkbox"/> Well, Depth _____ feet (Leave blank if unknown)	<input type="checkbox"/> Mailed Report	\$1.00	\$1.00	_____
<input type="checkbox"/> Other				
Intended Water Use (Check one)			Total	_____
<input type="checkbox"/> Tobacco, Greenhouse				
<input type="checkbox"/> Agronomic				
<input type="checkbox"/> Fruit				
<input checked="" type="checkbox"/> Vegetable				
<input type="checkbox"/> Ornamental				
<input type="checkbox"/> Turf				
<input type="checkbox"/> Other				

Standard Test includes pH, electrical conductivity, and calculated total dissolved salts (TDS).

Special Test includes standard test (listed above) phosphorus, potassium, calcium, magnesium, iron, zinc, copper, manganese, sodium, chlorine, boron, sulfur, nitrate, nitrogen, bicarbonate, carbonate, and calculated sodium adsorption ratio.

Heavy Metals include Aluminum, Arsenic, Cadmium, Chromium, Lead, Molybdenum, Nickel, Selenium.

Problems/Comments: _____

Make Checks payable to Clemson University
Check Number: _____

Date Sample Received: LAB USE ONLY

Extension Approval: _____

Ag Lab Approval: LAB USE ONLY