



Online Resources for Water, Media, and Tissue Testing

Here is a listing of commercial laboratories for media and tissue testing, and water testing for commercial greenhouse growers.

UConn Nutrient Analysis Laboratory

www.soiltest.uconn.edu

email: soiltest@uconn.edu

When submitting your samples, it is helpful to write “Greenhouse Sample” on your mailing envelope or call to let them know you will be sending samples for greenhouse testing. Typically, the UConn lab processes SME samples for commercial growers in 1 to 2 working days. See website for sampling directions and forms.

Water Testing

When was the last time you tested your water? As you know, alkalinity can be a major factor affecting pH changes in the growing media. With the drought, some growers have noticed increased levels of sodium and chloride from water tests this year.

Water tests are recommended for every water source in the farm and should be done at least once up to three times a year.

A standard analysis usually includes: pH, EC, and alkalinity (which you can think of as the dissolved limestone in water) as well as macro- and micronutrients (N, P, K, Ca, Mg, S, B, Cl, Cu, Fe, Mn, Mo, and Zn) and sodium (Na).

Testing for macro and micronutrients should be done for each well at least once a year.

Sampling Procedure

1. Allow the water to run for 5 minutes to clear the line.
2. Rinse a clean plastic 16 oz. container 2 to 3 times with the water to be tested.
3. Fill the container completely and cap tightly.
4. Label bottle with your name, address, and type of analysis requested.
5. Mail the sample within 24 hours.

Here is a Partial List of Water Testing Laboratories (*for greenhouse water samples used by some growers*)

- **QAL (Quality Analytical Laboratories)**
2814 W. 15th Street, Panama City, FL
850-872-9595
<http://www.qal.us/>
- **JR Peters, Inc.**
6656 Grant Way
Allentown, PA
866- 522-5752
Email: info@jrpeters.com
<http://www.jrpeters.com/lab-services/testing-services/nutritional.html>
- **Ag Source Laboratories**
Lincoln, NE
1-877-HORT-LAB
<https://laboratories.agsource.com/>
- **SunGro Horticulture**
770 Silver Street Agawam, MA
1-800-732-8667
<http://www.sungro.com/tools-services/analytic-testing/>

For testing for agrochemical residues such as plant growth regulators and herbicides:

- **Waters Agricultural Laboratories, Inc.**
257 Newtown Road, PO Box 382
Camilla, GA
[info@ watersag.com](mailto:info@watersag.com)
<http://watersag.com/>

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