

Comparison of Some Labs Testing Plant Tissue

4/15/2022 update

General Information

- ASSUME PAYMENT MUST BE INCLUDED WITH SAMPLES.
- Follow University of Maryland recommendations for sampling protocol. See NM-5 “Nutrient Management for Tree Fruits and Small Fruits” at www.agnr.umd.edu/users/agron/nutrient.
- Web pages are updated frequently and addresses for the plant tissue information sheets may change. If this occurs, go to the lab’s home page and follow the links to the plant tissue information sheet.

| Lab | Cost | Analyses | Comments | Sample Preparation | Tissue Submission Form on Website? |
|---|--------------------------------------|--|----------|--|--|
| Waypoint Analytical Virginia, Inc. (Previously A & L Eastern Agricultural Lab) 7621 Whitepine Road Richmond, VA 23237 www.waypointanalytical.com | \$28.00 \$36.00 | PT2 N, P, K, S, Ca, Mg, Fe, Mn, Zn, Cu, B, Al, Na PT3 PT2 plus Molybdenum | | Air dry if very wet and place in paper bag – no plastic. | Yes. Go to www.waypointanalytical.com On the home page under Resources, click “Submittal Forms” Select Waypoint Analytical Virginia as the location and click “Plant Tissue Information Sheet” |
| Waypoint Analytical Pennsylvania, Inc. 280 Newport Road Leola, PA 17540 Ph: 717-656-9326 or 1-800-464-6019 www.waypointanalytical.com | \$28.00 \$38.00 | PT2 N, P, K, S, Ca, Mg, Fe, Mn, Zn, Cu, B, Al, Na PT3 PT2 plus Molybdenum | | Wipe off excess moisture with paper towel, but do not dry samples completely. Place in paper bag – no plastic | Yes. Go to www.waypointanalytical.com On the home page under Resources, click “Submittal Forms” Select Waypoint Analytical Pennsylvania as the location and click “Plant Tissue Information Sheet” |
| AgroLab, Inc. 101 Clukey Dr. Harrington, DE 19952 Ph: 302-566-6094 www.agrolab.us | \$30.00 \$35.00 | Standard % N, P, K, Ca, Mg, S, and ppm Zn, Fe, Mn, Cu, B, Na, Mo Petiole Standard plus ppm NO ₃ -N | | Air dry and place in a paper bag – no plastic. | Yes. Go to www.agrolab.us On the home page click “Services” Go to Plant Tissue Analysis and click “Learn More”, and finally click on “Plant Sample Form.” |

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|---|---------|---|--|---|---|
| Brookside Laboratories, Inc. 308 South Main Street New Knoxville, OH 45871 Ph: 419-753-2448 www.blinc.com | N/A | T002 % N, P, K, Ca, Mg, Na, S, Mn, Cu, Zn, Fe, Al | Brookside prefers to receive samples from their consultants only. | Samples should be taken by a Brookside consultant. | N/A |
| Pennsylvania Agricultural Analytical Services Lab Penn State University 111 Ag Analytical Svcs Lab University Park, PA 16802 Phone: 814-863-0841 www.agsci.psu.edu/aasl | \$24.00 | Standard N, P, K, Ca, Mg, Mn, Fe, Cu, B, Zn, S | Fill out submission form completely (including crop) to get nutrient recommendations which are valid for Maryland NMPs. | Air dry samples and place in paper bag – no plastic. | Yes. Go to https://agsci.psu.edu/aasl/plant-analysis/plant-tissue-total-analysis/forms Click on the desired form. |
| Spectrum Analytic, Inc. PO Box 639 1087 Jamison Road NW Washington Court House, OH 43160 Ph: 800-321-1562 www.spectrumanalytic.com | \$23.00 | P2 N, P, K, Ca, Mg, S, B, Cu, Fe, Mn, Na, Zn | | Air dry samples allowing them to wilt and place in a paper bag – no plastic. | Yes. Go to www.spectrumanalytic.com Click on the desired form under “Services”. |
| Waters Agricultural Laboratories, Inc. PO Box 382 257 Newton Highway Camilla, GA 31730-0382 Ph: 229-336-7216 www.watersag.com | \$17.00 | Basic Test N, P, K, Mg, Ca, S, B, Zn, Mn, Fe, Cu Individual analysis available. See price list. | Tissue tests can be requested from the Kentucky location also. Address: 2101 Calhoun Rd Highway 81 Owensboro, KY 42301 | Air dry and place in a paper bag – no plastic. | Yes. Go to www.watersag.com Click on the <i>Submittal Forms</i> and choose the desired location. Select <i>Soil-Plant-Nematode Samples</i> |