

**Mailing Address (please print)**

Name \_\_\_\_\_ Date \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ FL, Zip \_\_\_\_\_ Phone \_\_\_\_\_

Email\* \_\_\_\_\_

\*Please provide an email address to receive your results faster.

Signature \_\_\_\_\_

(signature only required for UF personnel for approval of chartfield charges)

**UF/IFAS Analytical Services Laboratories  
Extension Soil Testing Laboratory**

2390 Mowry Road/PO Box 110740/Wallace Building 631  
Gainesville, FL 32611-0740

Email: [soilslab@ifas.ufl.edu](mailto:soilslab@ifas.ufl.edu) Website: <http://soilslab.ifas.ufl.edu>

**PLANT TISSUE TEST**

**Note: This lab only tests samples from Florida.**

Direct any questions about this test or the interpretation of the results to your county UF/IFAS Extension agent.

**The fee for tissue analysis is \$10 per sample. Samples will not be processed without payment**

**Fill in all requested information, using one line per sample. Use additional sheets for more than 8 samples.**

Lab Use Only	Sample ID	County	Crop	Estimated Acreage	Cost

Check  Money Order  Cash  Total \_\_\_\_\_

**Please enclose payment and this sheet in the same package as sample(s).**

Please make checks and money orders payable to **UNIVERSITY OF FLORIDA**.  
Samples will not be processed without payment. Do not send cash through the mail.

**Important Information**

- Plant tissue analysis includes: N, P, K, Ca, and Mg (in percent) and B, Cu, Fe, Mn, and Zn (in ppm).
- Sample results are forwarded to a UF/IFAS Extension blueberry or pecan specialist. The Extension Soil Testing Lab can help locate specialists for other types of plant tissue.

**How To Take, Prepare, and Submit Plant Tissue Samples for Analysis**

1. Ensure that each sample contains at least a generous handful of plant material.
2. Do not sample leaves contaminated with soil or sprays. If all tissue is dusty or spray contaminated, wash leaves gently with flowing distilled water.
3. Place tissue samples directly into a clean paper or cloth bag or envelope. Do not use plastic containers. If the plant tissue is wet or succulent, allow plant material to air-dry for at least one day before mailing.
4. When sampling suspected nutrient-deficient plants, two samples are recommended. Take one sample from normal plants and another sample from abnormal plants.
5. Do not sample disease-, insect-, or mechanically damaged plant tissue.
6. When sampling, the plant part and plant maturity are important factors. Be sure to collect the proper plant part at the recommended time. A general rule of thumb is to sample the youngest, fully mature leaves during the growth cycle or just prior to fruit set.
7. Make checks payable to **University of Florida**. Checks written to other names will NOT be honored and will be returned, causing a delay in processing the samples.
8. Mail this form, your sample(s), and payment (if applicable) to: **UF/IFAS Analytical Services Laboratories, Extension Soil Testing Laboratory**, 2390 Mowry Road, PO Box 110740, Wallace Building 631, Gainesville, FL 32611-0740.