



# Extension Soil Testing Laboratory

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SOILSLAB@IFAS.UFL.EDU

## Producer Soil Test Information Sheet

Mailing Address (please print)

**Note: This Lab Only Tests Samples from the State of Florida.**

Name \_\_\_\_\_ Phone \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ FL Zip \_\_\_\_\_  
 Date \_\_\_\_\_ E-Mail \_\_\_\_\_

**Direct any questions regarding this test or the interpretation of the results to your county Extension Agent.**

**Fill in all requested information, using one line per sample and additional sheets for more than 10 samples.**

Lab Use Only	Sample ID	County	Approx Acreage	Crop Code(s) See Page 2 (or back)	Analysis Code See Page 2 (or back)	Cost See Page 2 (or back)

NOTE SPECIAL PROBLEMS HERE:

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

**SAMPLES WILL NOT BE PROCESSED WITHOUT PAYMENT.**  
 Please enclose payment and this sheet in the same package as sample(s).  
 Do not send cash through the mail.

### Important Information for Sample Collection and Submission

**Before Sampling:**

- Develop a soil sampling plan of your field. Samples should represent the area being tested, so collect samples from areas that are of the same soil type, appearance, or cropping history. Sample problem areas separately, if needed. From this plan, count the number of samples you will collect.
- Soil sample bags, addressed shipping boxes, and information sheets are available free from your county Cooperative Extension office. Obtain the materials you need to complete your sampling plan.

**Collecting Samples:**

- Collect soil from 20 or more spots within each area, mixing these samples in a clean plastic bucket.
- Sample from soil surface to depth of tillage, usually 0 to 6 inches. For pastures, sample from 0 to 4 inch depth.
- Spread the composited material on clean paper or other suitable material to air dry. Do not send wet samples.
- Mix the dry soil, and place about one pint of soil in a labeled sample bag.

**Sending samples to the Extension Soil Testing Laboratory:**

- Enter each sample's identification on its sample bag and in the "Soil Sample Identification" column. List each sample separately.
- Lime and fertilizer recommendations are provided only if the crop code(s) is listed.
- Include the analysis code for each desired test.
- Enter costs from the Analysis Cost list found on page 2 of this form.
- Sum the costs of all samples and analyses. Make check or money order payable to: **IFAS Extension Soil Testing Laboratory**.
- Include the completed Producer Soil Test Information Sheet and the check or money order in the shipping box with the sample(s).

**Test results:**

A soil test report will be mailed to you within 5 to 10 days after your sample arrives at the Extension Soil Testing Laboratory. Contact your county Extension office if you have questions concerning the Soil Test Report.

## Crop and Analysis Codes for Producer Soil Test Information Sheet

Standard fertilizer and lime recommendations based on your soil-test results will be supplied along with the test results if you indicate a crop code. Please write the appropriate crop codes on page 1 of this form. If your cropping situation is not in the list of codes below, routine soil tests may not be appropriate. In such instances, consult your local county agent **before** sending soil samples for testing.

Use special forms for requesting **Landscape & Vegetable Garden Soil Test (SL-136)**, the **Container Media Test (SL-134)**, or the **Pine Nursery Soil Test (SL-132)**.

VEGETABLE CROPS			
Please use the <b>Landscape &amp; Vegetable Garden Test Information Sheet (SL-136)</b> for home gardens. Codes for particular vegetables will result in fertilizer recommendations for commercial vegetable production which are not appropriate for home vegetable gardens.			
Crop Code	Crop Description	Crop Code	Crop Description
217	Bean-Lima, Pole, Snap	227	Okra
228	Beet	223	Onion, Bulb
212	Broccoli	229	Onion, Bunching
212	Brussels Sprouts	204	Parsley
207	Cabbage - Head or Chinese	216	Pea - English, Snow or Southern
226	Carrot	201	Pepper - Bell or Specialty
212	Cauliflower	215	Potato, Irish
214	Celery	218	Potato, Sweet
207	Collard	230	Pumpkin Squash
220	Corn, Sweet	219	Radish
211	Cucumber	210	Spinach
203	Eggplant	230	Squash - Summer or Winter
225	Kale	224	Strawberry
229	Leek	200	Tomato - Cherry or Slicing
209	Lettuce - Crisphead, Endive, Escarole or Romaine	225	Turnip
205	Muskmelon	221	Watermelon
225	Mustard		
FRUIT CROPS			
Except for pH and lime requirement, and in some cases P, soil tests are not used as a basis for fertilization of perennial fruit and nut crops in Florida. Program fertilization is practiced, and plant tissue testing is helpful in certain crops. Tissue testing is available from commercial labs. Consult with your county Extension agent about interpretation before taking samples.			
Crop Code	Crop Description		
60	citrus (establishment)		
61	citrus (bearing trees)		
67	blueberry (bearing)		
ORNAMENTAL HORTICULTURE			
Do not use this form for potting media used in containers. Use the <b>Container Media Test (SL-134)</b> . For fertilization of plants in the landscape, use the <b>Landscape &amp; Vegetable Garden Test Information Sheet (SL-136)</b> .			
Crop Code	Crop Description		
601	commercial nursery growing azaleas, camellias, gardenias, hibiscus, or ixora in the ground		
600	commercial woody ornamental nursery growing plants other than azaleas, camellias, gardenias, hibiscus or ixora in the ground		
71	athletic field, golf green, tee, or fairway		

AGRONOMIC CROPS	
Crop Code	Field Crops
2	corn, nonirrigated
5	corn, irrigated
9	cotton
7	grain sorghum
8	oats for grain
10	peanuts
8	rye for grain
11	soybeans
13	sugarcane for syrup
12	tobacco (flue cured)
27	wheat for grain
Crop Code	Pasture and Forage Crops
23	alfalfa
36	bahiagrass, established pastures (See Note.)
26	cool season annual grasses (small grains and ryegrass)
22	cool season legumes or legume-grass mixtures (lupines, sweetclover, vetches and all true clovers - white, red, arrowleaf, crimson, subterranean)
32	hay or silage (perennial grass)
25	improved perennial grasses other than bahiagrass (bermuda, digit, star)
33	limpograss (Hemarthria)
28	perennial peanuts
14	summer forages (e.g., millet or sorghum)
21	warm season legumes or legume-grass mixtures (aeschynomene, alyceclover, desmodium, hairy indigo and other tropical legumes)
NOTE: Only analysis codes 2, 3, 13, and B1 are recommended for bahiagrass (crop code 36). For bahiagrass test B1 - soil sample and tissue sample should be collected and submitted together. Please consult your County Extension agent for tissue sampling guidelines. Decisions concerning liming and N fertilization of bahiagrass pastures are very sensitive to cattle productivity and prices.	

Analysis Code	Analysis Name	Determinations Made	Analysis Cost
1	Standard Soil Fertility Test	pH, lime requirement, P, K, Ca, and Mg	\$7.00
2*	Soil pH and Lime Requirement	pH and lime requirement	\$3.00
3	Soil Micronutrients	Cu, Mn, Zn, and pH	\$5.00
4	Organic Matter	percent organic matter	\$10.00
5	Electrical Conductivity ("soluble salts")	conductivity in 1:2 soil:water	\$2.00
13	Bahia Standard Soil Fertility Test	pH, lime requirement, K, Ca, Mg, and P Value	\$7.00
B1	Bahia P Test	pH, lime requirement, P, K, Ca, and Mg (Soil) P test (Tissue)	\$15.00
* Included in Standard Soil Fertility Test. Do not request both codes 1 and 2 for the same soil sample.			