



Extension Soil Testing Laboratory

PO Box 110740 / Wallace Building 631, UF / Gainesville, FL 32611-0740
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) |
|--------------|-----------|--------|----------------|---|--|---------------------------------|
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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.

NOTE SPECIAL PROBLEMS HERE:

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)**.

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 |
| 30 | bahiagrass, central and south Florida (See Note.) |
| 31 | bahiagrass, north Florida |
| 26 | cool season annual grasses (small grains and ryegrass) |
| 22 | cool season legumes or legume-grass mixtures (lupines, sweet clover, 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, limpo, star) |
| 28 | perennial peanuts |
| 14 | summer forages (e.g., millet or sorghum) |
| 21 | warm season legumes or legume-grass mixtures (aeschynomene, alyce clover, desmodium, hairy indigo and other tropical legumes) |
| 33 | limpgrass (Hemarthria) |

NOTE: Soil testing is not recommended for bahiagrass PASTURES in central and south Florida because recent field research has shown no yield benefit to P and K fertilization of grazed bahiagrass in that region. For purposes of this recommendation, central and south Florida is that region of the state south of a line drawn east-west through Orlando. Decisions concerning liming and N fertilization of bahiagrass pastures are very sensitive to cattle productivity and prices.

VEGETABLE CROPS

Please use the **Landscape & Vegetable Garden Test Information Sheet (SL-136)** 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 | 225 | Mustard |
| 228 | Beet | 227 | Okra |
| 212 | Broccoli | 223 | Onion, Bulb |
| 212 | Brussels Sprouts | 229 | Onion, Bunching |
| 207 | Cabbage – Head or Chinese | 204 | Parsley |
| 226 | Carrot | 216 | Pea – English, Snow or Southern |
| 212 | Cauliflower | 201 | Pepper – Bell or Specialty |
| 214 | Celery | 215 | Potato, Irish |
| 207 | Collard | 218 | Potato, Sweet |
| 220 | Corn, Sweet | 230 | Pumpkin Squash |
| 211 | Cucumber | 219 | Radish |
| 203 | Eggplant | 210 | Spinach |
| 225 | Kale | 230 | Squash – Summer or Winter |
| 229 | Leek | 224 | Strawberry |
| 209 | Lettuce – Crisphead, Endive, Escarole or Romaine | 200 | Tomato – Cherry or Slicing |
| 205 | Muskmelon | 225 | Turnip |
| | | 221 | Watermelon |

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. That material is tested by the **Container Media Test (SL-134)**. For fertilization of plants in the landscape, use the **Landscape & Vegetable Garden Test Information Sheet (SL-136)**.

| 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 |

| 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 | 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 |

* Included in Standard Soil Fertility Test. Do not request both codes 1 and 2 for the same soil sample.