

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 Website: <http://soilslab.ifas.ufl.edu>

LIVESTOCK WASTE TEST FORM

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.

Fill in all requested information, using one line per sample. Use additional forms for more than 10 samples.

Lab Use Only	Sample ID	County	Acreage	Sample Code	Application Codes (A, B, or C)	Crop Code(s)	Test Code	Date Collected	Cost

Note any special problems here:

Check ☐ Money Order ☐ Cash ☐ Invoice ☐ 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 for Sample Submission

Sending Samples to the Livestock Waste Testing Laboratory

1. Label each sample bag with the grower's name and Sample ID. Record the Sample ID in the appropriate column above. List each sample separately.
2. Manure fertilizer application recommendations are provided only if the Crop Code(s) is listed.
3. Include the Sample Code for each sample from the list of codes provided on page 2 of this form.
4. Enter any applicable costs from the Test Cost list found on page 2 of this form.
5. Add the costs of all samples and tests. Make check or money order 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.
6. Include the completed Livestock Waste Testing Form and the check or money order in the shipping box with the sample(s).

Collection Procedures

1. **Spray field** – Place a clean plastic bucket in an area that will collect adequate volume of liquid waste. After collected, pour 1 pint into a clean

plastic bottle. If immediate delivery is not available, refrigerate or freeze all liquid samples until delivery is possible.

2. **Lagoon or waste storage pond** – Place a clean plastic bottle on the end of a 10 or 15 foot pole, and extend out into lagoon as far as possible. Pour into a clean bucket. Repeat five times, mix well and pour 1 pint of liquid into a clean plastic container.
3. **Waste storage tank** – Make sure waste has been well agitated. Take samples from five random locations, output pump, or spreader. Mix well and place 1 pint into a clean plastic bottle.
4. **Solid stack or pile** – Take 10 or 12 sub-samples at random around the stack. If possible take samples from deep within the pile. Mix well and fill at least 1/2 of a quart Ziploc plastic bag (double bagging is preferred).

Test Results

A manure test report will be mailed/emailed to you in 10 days after your sample arrives at the Livestock Waste Testing Laboratory. Contact your county UF/IFAS Extension agent if you have questions concerning the manure test report. The complete data package will be maintained on file for three (3) years.

Crop Codes for Livestock Waste Testing Form

Manure fertilizer recommendations based on your manure 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. Manure reports are reported on an "as-is" basis and account for losses during application.

AGRONOMIC CROPS

Crop Code Field Crops

- 1 Corn, non-irrigated (10/M/A)
- 2 Corn, non-irrigated (12/M/A)
- 3 Corn, irrigated (12/M/A)
- 4 Corn, irrigated (20/M/A)
- 5 Corn, irrigated (25/M/A)
- 6 Corn, irrigated (30/M/A)
- 7 Grain sorghum
- 8 Small grains for grain
- 9 Cotton
- 10 Peanuts
- 11 Soybeans
- 12 Tobacco
- 13 Sugarcane

Crop Code Pasture and Forage Crops

- 14 Summer annual grass, 1 cycle
- 15 Summer annual grass, 2 cycles
- 16 Summer annual grass, 3 cycles
- 17 Hay, improved grass, 2 cuts
- 18 Hay, improved grass, 3 cuts
- 19 Hay, improved grass, 4 cuts
- 20 Sorghum for silage
- 21 Warm-season legumes
- 22 Cool-season legumes
- 23 Alfalfa
- 24 Bahiagrass
- 25 Cool-season annual grass, 1 cycle
- 26 Cool-season annual grass, 2 cycles
- 27 Cool-season annual grass, 3 cycles
- 28 Wheat for grain

FRUIT CROPS

Crop Code Crop Description

- 70 Citrus
- 50 Pecan trees
- 51 Pine trees
- 60 Other

VEGETABLE CROPS

Crop Code	Crop Description	Crop Code	Crop Description
217	Beans, pole	199	Pepper
227	Collards	211	Squash
220	Corn, sweet	200	Tomato (unmulched)
210	Cucumber	201	Tomato (mulched)
203	Eggplant	221	Watermelon

SAMPLE CODES

Code Dairy Liquids or Slurries collected from:

- 11 Lagoon
- 12 Spray pivot
- 13 Spray truck

Dairy Solids collected from:

- 14 Scraped concrete
- 15 Pasture
- 16 Spreader truck/wagon
- 17 Screened manure solids
- 18 Settled manure solids
- 19 Outside pile

Poultry Broiler/Broiler Breeder collected from:

- 21 House
- 22 Field/pasture
- 23 Manure spreader

Compost

- 51 Composted dairy solids
- 52 Composted poultry broiler litter
- 53 Composted poultry layer litter
- 54 Composted poultry mortality
- 55 Other composted material
- 41 Other solid material
- 42 Other liquid material

APPLICATION CODES

Crop Code Application Equipment Code Description

- A1 Center pivot
- A2 Stationary volume gun
- A3 Traveling volume gun
- A4 Manure spreader
- A5 Liquid manure wagon
- A6 Other

Incorporation Code Description

- B1 Material will be incorporated within 24 hours.
- B2 Material will NOT be incorporated within 24 hours.

Previous Application Codes

- C1 Manure was applied to the field last year.

Test Code	Test Name	Determinations Made	Test Cost
1	Standard Manure Test	pH, N, P, K, NH-4, % moisture, % solids, % ash	\$35
2	Micronutrients	Cu, Zn, Mn	\$5
*** Make all checks payable to University of Florida ***			