



PLANT/FORAGE SAMPLE INFORMATION FORM

Please submit this completed form and payment with samples. Mark each sample bag with your sample identification and ensure that it corresponds with the sample identification written on this form. *See sampling and mailing instructions on the back of this form.
(PLEASE DO NOT SEND CASH)

SUBMITTAL AND INVOICE INFORMATION: This information will be used for all official invoicing and communication.

Name _____

County where sampled _____

Address _____

Phone _____

City _____ State _____ Zip _____

CLIENT NAME: Client name will only be included with information above on result reports.

Name _____

Lab Use only

Payment (DO NOT SEND CASH)

- Check/ Money Order (keep your M.O. receipt)
- Credit Card – requires additional form*

Amount Paid \$ _____

Make Checks Payable to: **Soil Testing Laboratory**

*Credit card payment forms can be downloaded at <http://soiltesting.tamu.edu>

If enclosed payment is insufficient, by submission of this form, I agree to make payment for the testing services selected herein and provided upon receipt of invoice from AgriLife Extension.

SAMPLE INFORMATION (Required)

(See options listed below)

Laboratory # (For Lab Use)	Your Sample I.D.	Sample Type and Usage: (Bermuda, Wheat, Pecan, etc.)(Feed, Hay, Silage or Plant Tissue)	Livestock to be Fed: (Beef, Dairy, Horse, Goat, and etc.)	Requested Analyses
				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11
				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11
				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11
				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11
				<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11

Describe any problems you have observed and want to correct:

- | | | | |
|--|-----------------|---|-----------------|
| 1. Protein | \$5 per sample | 9. Nitrate-N in plant tissue | \$5 per sample |
| 2. Protein + Nitrates in forages | \$10 per sample | 10. Nitrogen + Minerals (P, K, Ca, Mg, Na, S, Fe Cu, Mn and B) | \$18 per sample |
| 3. Protein + Minerals (P, K, Ca, Mg, Na, S, Fe Cu, Mn, Zn and B) | \$18 per sample | 11. Total Nitrogen only | \$5 per sample |
| 4. Protein + Acid Detergent Fiber (ADF)
(TDN and energy calculated) | \$13 per sample | Contact laboratory to determine services available beyond the suite analyses listed to the left or above. | |
| 5. Protein + ADF + Nitrates | \$17 per sample | Pricing valid until 12-31-2017. | |
| 6. Protein + Minerals + ADF | \$25 per sample | <u>The latest form can be downloaded at the laboratory's website.</u> | |
| 7. *NIR Analysis* Recommended as best overall forage analyses suite
(Protein, Fiber, TDN, IVTD–pure grass, alfalfa, and clovers only) | \$8 per sample | <u>http://soiltesting.tamu.edu</u> | |
| 8. Nitrates in forages | \$5 per sample | | |

-----Available Services-----

Analyses are conducted on all feeding commodities including hay, pasture cubes, silage, green chop, mixed feeds and concentrates, as well as plant tissue samples and other plant materials (i.e., litter, composts or manure samples). *All samples are analyzed with the understanding that the results are **not** in any way associated with feed control regulations.*

Sample Collection

Field Sampling for Hay Production

- In 10 - 15 areas within a given location or field (not to exceed 40 acres), take 1 random subsample.
- Grasp a handful of the forage and **cut at normal haying height**.
- Combine all 10 - 15 subsamples and place into an appropriate paper sack or envelope (avoid using plastic bags, fertilizer bags, or feed sacks, as these containers may produce inaccurate results).
- Label sack or envelope with appropriate identification for field.

Field Sampling for Grazing Purposes

- Sample as described above but **cut at normal grazing height**.

Sampling Bales

- Use a Penn State or similar hay probe to sample hay bales (grab samples from the edge of the bale often provide inaccurate results).
- Take one core per each 5 large round bales (1 subcore for each 100 small square bales). Combine all subsamples and mix thoroughly.
- Package and label as described above.
- If a probe is not available, carefully collect representative samples by hand. Cut hay into stem lengths of 3 inches or less, carefully preventing leaf loss.

Plant/Tissue Samples

- Collect approximately 25 leaves from representative plants.
- Rinse leaves with a 1% HCl solution and rinse with distilled water, if foliar nutrient applications have been made.
- Allow leaves to air dry, then package and label as described above.
- If it is not possible to wash the leaves prior to sending, please indicate so that the leaves will be washed upon receipt.

Forage Samples

- Silage should be collected in sealable plastic bags.
- Forage nitrate samples should be collected from the lower part of the plant stems that might be grazed or cut for hay.
- The laboratory does not test for prussic acid in hay.

NIR Analysis

- NIR analysis is valid only for cool season and warm season grasses, alfalfa, and common clovers.
- NIR analysis data are valid for protein, acid and neutral detergent fiber, TDN, and energy values.

Other Sample Types

- Manure and litter samples should be submitted on the laboratory's Biosolid form.
- Fertilizer and similar inorganic materials should not be submitted on either the Plant/Forage or Biosolid forms. Please contact the laboratory requiring its ability to process these type of samples.

Shipping Samples

- Complete this information form.
- Enclose completed information form and payment in package.
- Verify payment check is made out to **Soil Testing Laboratory**.
- **DO NOT SEND CASH.**
- Address the letter and package to the following address (United States Postal Service):

United States Postal Service

Other Couriers (FedEx, UPS, etc.)

Soil, Water and Forage Testing Laboratory
2478 TAMU
College Station, TX 77843-2478

Soil, Water and Forage Testing Laboratory
2610 F&B Road
College Station, TX 77845
Phone: (979) 845-4816

Website: soiltesting.tamu.edu

Email: soiltesting@tamu.edu

Educational programs conducted by the Texas A&M AgriLife Extension Service serve people of all ages regardless of socio-economic level, race, color, sex, religion, handicap or national origin.