

Forage and Grain Testing Information Sheet

Fill out form (one for each sample) as completely as possible.

Name: _____ **County:** _____ **Phone:**(____) _____
Address: _____ **City:** _____ **State:** _____ **Zip:** _____
Fax No.:(____) _____ **E-mail:** _____ **Sample No.:** _____
\$1 charge for report to be faxed. **Harvest Date:** _____

Cost: Basic test – \$10. Additional mineral test – \$10.

Type of Sample (samples containing livestock waste cannot be analyzed at this laboratory.)

Hay Silage or haylage Fresh cut Grain Forage/grain mix

Type of Crop (for mixed hay or feed; check all that apply)

GRASSES	LEGUMES	GRAINS (no commercial feeds)
<input type="checkbox"/> Tall fescue <input type="checkbox"/> Bermudagrass <input type="checkbox"/> Orchardgrass <input type="checkbox"/> Millet <input type="checkbox"/> Timothy <input type="checkbox"/> Sorghum x sudan <input type="checkbox"/> Small grain <input type="checkbox"/> Corn <input type="checkbox"/> Ryegrass <input type="checkbox"/> Sorghum <input type="checkbox"/> Other _____	<input type="checkbox"/> Alfalfa <input type="checkbox"/> Soybeans <input type="checkbox"/> White clover <input type="checkbox"/> Vetch <input type="checkbox"/> Red clover <input type="checkbox"/> Lespedeza <input type="checkbox"/> Other _____	<input type="checkbox"/> Corn <input type="checkbox"/> Oats <input type="checkbox"/> Wheat <input type="checkbox"/> Barley <input type="checkbox"/> Other _____

Type of Animal (if ration balancing is desired)

BEEF CATTLE	DAIRY CATTLE	HORSES
<input type="checkbox"/> Bulls <input type="checkbox"/> Nursing cows <input type="checkbox"/> Dry cows <input type="checkbox"/> Replacement heifers Stocker: <input type="checkbox"/> Steers <input type="checkbox"/> Heifers Avg. weight: _____ Daily gain desired: _____ Other: _____	<input type="checkbox"/> Dry cows <input type="checkbox"/> Replacement heifers <input type="checkbox"/> Lactating cows Breed: _____ Pounds milk/cow/day: _____ Average Weight: _____	<input type="checkbox"/> Lactating <input type="checkbox"/> Nursing foal (creep feed) <input type="checkbox"/> Weanlings <input type="checkbox"/> Yearlings <input type="checkbox"/> Light work (0-2 hrs/day) <input type="checkbox"/> Medium work (2-4 hrs/day) <input type="checkbox"/> Heavy work (over 4 hrs/day)

Mail to: UT Forage Testing Laboratory
 5201 Marchant Drive
 Nashville, TN 37211-5112
 (phone) 615-832-5850

SHEEP Dry ewes
 Lactating ewes: single
 twins triplets
 Avg. weight: _____
 Other: _____

Analysis

\$10 Basic Forage Test:	moisture, dry matter, crude protein, acid detergent fiber, neutral detergent fiber, total digestible nutrients, net energy, relative feed value, calcium, phosphorus, magnesium and potassium
\$10 Basic Grain Test:	moisture, dry matter, crude protein and acid detergent fiber
\$10 Additional Mineral Test:	copper, sulfur, sodium, manganese and zinc

Make check payable to UT Forage Testing Laboratory.

Sampling Information

Results and recommendations are no better than the sample submitted for testing. Please follow the sampling suggestions below for best results.

How much is needed? Approximately ½ gallon of sample (forage or grain) should be sent for an adequate test.

How to Sample:

Hay – obtain samples from approximately 10 bales. Best samples are obtained with the use of a forage sampling probe. Check with your local Extension office about the availability of these samplers. For square bales, take one core from one end of each bale. For round bales, take a sample from each side of the bales. If grab samples are taken, be sure to obtain a representative sample.

Silage or haylage – if haylage is in round bales, follow the same procedures as for round baled hay. If haylage or silage is chopped, then obtain 2-3 gallons of material from 10-15 places in the silo. For upright silos, run unloader and collect one sample per minute for several minutes. In both situations, mix all of the collected material together, then fill sample bag with this mixture. Be sure to seal bag to ensure correct moisture determination.

Grain – obtain several small samples from different areas of the bin or storage area. Mix as listed above. Commercial feeds should not be submitted.

Mailing Information

1. Seal the plastic bag containing the sample to be tested.
2. Put name and sample number on bag. Sample number is important for identification during the laboratory process, especially when more than one sample is submitted.
3. Be sure that name, address and sample number on information sheet correspond to information on bag.
4. There is a \$10 per sample charge for the basic test. Make checks payable to “**UT Forage Testing Laboratory.**” If samples are wet, place checks and forms in an envelope and mail separately.
5. If you want your report to be faxed, there is an additional \$1 charge. Please include this in your check.
6. Mail samples and envelope to:

**Forage Testing Laboratory
5201 Marchant Drive
Nashville, TN 37211-5112**