

Forage Analysis Information Sheet

SOIL, PLANT AND PEST CENTER

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Nashville, TN 37211-5112
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Date

1 Customer Information *(please print/type)*

Name: _____
Address: _____
City, State, Zip _____
County: _____ Email: _____

Cash Check Credit Card

Account or Online Order Number : _____

Phone Number _____

2 Sample Information *(Enter information and check (X) where applicable for each sample submitted)*

Sample ID <input type="text"/>	Harvest Date <input type="text"/>	Sample Type	<input type="checkbox"/> Hay	<input type="checkbox"/> Fresh	<input type="checkbox"/> Silage or Haylage
<i>(Samples containing livestock waste, grain or grain mixtures cannot be analyzed at this laboratory)</i>					
<input type="checkbox"/> Tall Fescue	<input type="checkbox"/> Bermudagrass	<input type="checkbox"/> Alfalfa	<input type="checkbox"/> Corn	Lab Use Only	
<input type="checkbox"/> Orchardgrass	<input type="checkbox"/> Clover, Red or White	<input type="checkbox"/> Warm-Season Annual	<input type="checkbox"/> Cool-Season Annual		
<input type="checkbox"/> Timothy	<input type="checkbox"/> NWSG (Switchgrass, etc.)	<input type="checkbox"/> Other species not listed _____			

3 Analysis Desired *(Choose one (X))*

<p>BEEF CATTLE</p> <p><input type="checkbox"/> BASIC - \$17 Moisture, DM, RFQ, CP, TDN, NEm, NEg, ADF, NDF, Lignin, Ash, Ca, P, Mg, K.</p> <p><input type="checkbox"/> PLUS - \$30 Basic plus Cu, Zn, Mn, S.</p> <p><input type="checkbox"/> BASIC WITH NITRATES - \$20</p> <p><input type="checkbox"/> NITRATES ONLY - \$10</p>	<p>HORSE</p> <p><input type="checkbox"/> BASIC - \$17 Moisture, DM, RFQ, CP, DE, ADF, NDF, Lignin, Ash, Ca, P, Mg, K.</p> <p><input type="checkbox"/> PROFESSIONAL - \$30 Basic plus Sugar, Fructan, Starch, NSC, WSC, Cu, Zn, Mn, S.</p>	<p>SMALL RUMINANT</p> <p><input type="checkbox"/> BASIC - \$17 Moisture, DM, RFQ, CP, TDN, NEm, NEg, ADF, NDF, Lignin, Ash, Ca, P, Mg, K.</p> <p><input type="checkbox"/> PLUS - \$30 Basic plus Cu, Zn, Mn, S.</p> <p><input type="checkbox"/> BASIC WITH NITRATES - \$20</p> <p><input type="checkbox"/> NITRATES ONLY - \$10</p>	<p>DAIRY</p> <p><input type="checkbox"/> BASIC - \$17 Moisture, DM, RFQ, CP, NEL, NEm, IVTDMD48h, ADF, NDF, WSC, NFC, Lignin, Sugar, Fructan, Ash, Ca, P, Mg, K.</p> <p><input type="checkbox"/> PLUS - \$30 Basic plus Cu, Zn, Mn, S.</p> <p><input type="checkbox"/> BASIC WITH NITRATES - \$20</p> <p><input type="checkbox"/> NITRATES ONLY - \$10</p>
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4 Ration Balancing *(Enter background information (average weight, etc.) where ration is requested)*

<p>BEEF CATTLE</p> <p>Mature Cows <input type="text"/> lbs.</p> <p><input type="checkbox"/> Gestation <input type="checkbox"/> Lactation</p> <p>Months Bred <input type="text"/></p> <p>Months Since Calving <input type="text"/></p> <p>Replacement Heifers <input type="text"/> lbs.</p> <p>Months Bred <input type="text"/></p> <p>Stockers <input type="text"/> lbs. ADG desired <input type="text"/> lbs.</p> <p>Bulls <input type="text"/> lbs.</p>	<p>HORSE</p> <p><input type="checkbox"/> Maintenance</p> <p><input type="checkbox"/> Light work : 40% walk, 50% trot, 10% canter</p> <p><input type="checkbox"/> Moderate work: 30% walk, 55% trot, 10% canter, 5% skill work (jumping, cutting or other skill work)</p> <p><input type="checkbox"/> Heavy work: 20% walk, 50% trot, 15% canter, 15% gallop, jumping or other skill work</p> <p><input type="checkbox"/> Lactating Mares</p> <p><input type="checkbox"/> Yearlings</p> <p><input type="checkbox"/> Weanlings</p>	<p>SMALL RUMINANT</p> <p>Mature Does <input type="text"/> lbs.</p> <p>Mature Ewes <input type="text"/> lbs.</p> <p><input type="checkbox"/> Gestation <input type="checkbox"/> Lactation</p> <p><i>Stage of Production:</i></p> <p><input type="checkbox"/> Early <input type="checkbox"/> Mid <input type="checkbox"/> Late</p> <p><input type="checkbox"/> Singles <input type="checkbox"/> Twins <input type="checkbox"/> Triplets</p> <p>Growing Kids or Lambs <input type="text"/> lbs.</p> <p>Mature Bucks or Rams <input type="text"/> lbs.</p>	<p>DAIRY</p> <p>For assistance, please indicate status of dairy herd below.</p> <div style="border: 1px solid black; height: 150px; width: 100%;"></div>
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Instructions for Submitting Forage Samples for Analysis

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

Sample Collection

Sample Size Approximately 1/2 gallon of sample should be sent for an adequate test. Plastic bags with zipper closures work great for this use.

Sampling Technique

Hay - Obtain samples from approximately 10 bales. Best samples are obtained using a core 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 1 - 15 places in the silo. For upright silos, run unloader and collect one sample per minute for several minutes. In both situations, mix all the collected material together, then fill sample bag with this mixture. Be sure to seal bag to ensure correct moisture determination.

Sample Identification Use a permanent marker to identify sample package. Be sure identification is duplicated on information sheet.

Filling out Forage Analysis Information Sheet

- 1** Customer information- Should include correct mailing address to ensure prompt delivery of forage test report. Reports will be e-mailed where an address is noted.
- 2** Sample Information- Assign a sample ID (this is for your future reference) and harvest date if known. Check all crop types that apply to your sample.
- 3** Analysis Desired- Choose one by checking applicable box.
- 4** Ration Balancing - This section is not required unless a ration is desired using forage quality factors. Please provide background information about livestock and stage of production where applicable.

Mailing and Payment Information

1. Be sure to properly identify sample container and note this data on information sheet. If more than one sample is submitted, each sample needs a *unique* identification number and information sheet.
2. Verify that names are the same on samples and information sheets.
3. Samples can be hand delivered or mailed.
4. If samples are wet, please mail information sheet and check separately.
5. Payment can be made by check made payable to "University of Tennessee". For your convenience, forage tests may be purchased online by credit card at UTK Online Shopping Mall (choose UTIA Services) <http://tinyurl.com/ofb2cuk>

MAILING ADDRESS: **Soil, Plant and Pest Center**
5201 Marchant Drive
Nashville, TN 37211

For more information on how to use this form or submit a forage sample, contact your local Extension office. Additional information can also be found at [SoilPlantandPestCenter](#).