Forage and Grain Analysis

The **Basic Forage test** includes Moisture, Dry Matter, ADF (Acid Detergent Fiber), NDF (Neutral Detergent Fiber), TDN, Net Energy, RFV, Calcium, Phosphorus, Potassium and Magnesium for $10.00 per sample.

The **Basic Forage Plus** is the basic test in addition to Copper, Sulfur, Manganese and Zinc for $20.00 per sample.

**Home produced grains** may be analyzed for $15.00 and includes Moisture, Dry Matter, ADF and Crude Protein. Rations based on feed analyses are offered by request.

You may bring your sample to our office at 315 John R Rice Blvd., Suite 101, Murfreesboro, TN 37129.

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**How to Sample:**

Approximately one-half gallon of sample (cored hay or grain) is needed for analysis.

- **Hay** — Obtain samples from approximately 10 bales. Best samples are obtained with the use of a forage sampling probe. 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 two to three gallons of material from 10 to 15 places in the silo. Four upright silos, run unloader and collect on 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 on the bin or storage area. Mix as listed above. Commercial feeds should not be submitted.