



Sample Collection

Taking a Hay Sample

1. To get a representative sample, use a hay probe (bale core) and insert it at least 18 to 24 inches into the bale.
2. **Square bales:** select a minimum of 20 average-looking bales for coring. Collect a core from each bale by probing into one end of the bale at right angles to the surface. Combine the cores in a bucket and mix thoroughly to fill a one-gallon plastic zip-lock bag.
3. **Round bales:** select a minimum of 10 representative bales and collect two cores from the circumference of each bale. Because round bales are normally stored outside and subjected to weathering, remove the outer layer before sampling. Combine the cores in a bucket and mix thoroughly to fill a one-gallon size plastic zip-lock bag.
4. Label each bag with your name, location, date, address, and type of forage. Also include the sample information inside the bag if the sample is completely dry. For wet samples such as baleage/haylage or silage, please overnight the sample early in the week.

For more detailed information on collecting a hay sample, contact your local county extension office or refer to Publication 2895 in MSUCares.com



Mission Statement

The mission of the MSCL is to provide the analytical data to ensure the quality, accurate labeling, and safety of all human foods, fertilizers, animal feeds, pesticides, and petroleum products sold in the State of Mississippi. Analyses are routinely performed to supply information required for regulatory action by the Mississippi Department of Agriculture and Commerce (MDAC), Bureau of Plant Industry (BPI), and other regulatory agencies for the State. Under Mississippi's amended Food Law of 1997, the MSCL has been given primary responsibility for providing chemical, physical, and microbiological analytical services in support of food regulatory programs.



MISSISSIPPI STATE CHEMICAL LABORATORY



NFTA Certified Forage Testing Program



310 President's Circle
1145 Hand Lab
Mississippi State, MS 39762
662-325-3324

<http://www.mscl.msstate.edu>



MISSISSIPPI STATE CHEMICAL LABORATORY

Chain of Custody Record/Sample Submission Form

Forage Analysis Test Request Form



***Enclose this form, along with a signed copy of the Limitations of Liability and Disclaimer form, with sample(s) and ship to:**

Mississippi State Chemical Lab
310 Presidents Circle 1145 Hand Lab
Box CR
Mississippi State, MS 39762
Phone: 662-325-3428/Fax: 662-325-7807
Email: info@mscl.msstate.edu

***Prepayment is required at the time of sample submission unless prior arrangements have been made with the Business Office (i.e. purchase order or credit card payment). No results will be released until payment has been received.**

Estimated Turnaround Time (TAT):

3 Working Days from when sample is received

County Agent's Signature (optional)

**Sample submitter signs "Relinquished By" & includes date & time.

Relinquished By:	Date:
	Time:
Received By:	Date:
	Time:
Relinquished By:	Date:
	Time:
Received By:	Date:
	Time:
Relinquished By:	Date:
	Time:
Received By:	Date:
	Time:

Report Results To:

Contact Name: _____
Address: _____

County: _____
Phone: _____
Fax: _____
E-Mail: _____

Send Invoice To: (if same as "Report Results To", write "SAME")

Company: _____
Contact Name: _____
Address: _____

Phone and/or Fax: _____
Email: _____
Purchase Order # (if applicable): _____

**If email address is provided, results are to be sent via email unless otherwise stated by customer/sample submitter.

***If you would like for someone else to receive a copy of this report please check the box and include name, address and email in the comment section.**

Sample Identification	Sample Type	Sample Type Code	Product Name	Product Code	Mixed Hay Samples contains more than 50% Legume (yes/no)	For LAB Use Only
Example	Mixed Hay	3	Summer Mixed	21	no	
Standard Analysis: Dry Matter (DM), Crude Protein (CP), Acid & Neutral Detergent Fiber (ADF, NDF), Fat, Total Digestible Nutrients (TDN), Relative Forage Quality (RFQ), Calcium (Ca), Phosphorus (P), Potassium (K), and Magnesium (Mg). (\$15.00 per sample)						
Comments:						Temperature:

Sample Submission Information

- Visit website to printout a full size submission form.
- Contact the lab if you require any assistance.
- Mail the form and sample along with payment. No results will be released until payment has been secured.
- If you are planning to send large numbers of samples, please call so arrangements such as a quote can be made.

Submission Codes

Sample Type	Sample Code
Baleage/Haylage	1
Green Chop	2
Mixed Hay	3
Pasture	4
Pure Hay	5
Silage	6
Product Name	Product Code
Alfalfa	10
Annual Ryegrass	11
Bahiagrass	12
Bermudagrass	13
Cereal Rye	14
Clover	15
Corn Silage	16
Crabgrass	17
Forage Soybean	18
Legume Misc.	19
Millet	20
Misc. Summer Mixed	21
Oats	22
Sorghum Forage	23
Tall Fescue	24
Wheat	25
Winter Mixed Grass	26

Sample Analysis



- Standard analysis by NIR should be reported within 3 working days from when the sample is received. (\$15.00 per sample)
- Wet chemistry is available. Please see website for prices and turn around times. (<http://www.mscl.msstate.edu>)

