



# Feed Analysis

Agricultural Service Laboratory  
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<http://www.clemson.edu/agsrvlb>

LAB USE ONLY  
Lab No. \_\_\_\_\_

Name: \_\_\_\_\_ Date Sampled: \_\_\_\_\_  
LAST , FIRST  
Address: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Phone Number: \_(\_\_\_\_)\_\_\_\_\_-\_\_\_\_\_  
Account: \_\_\_\_\_ Fax Number: \_(\_\_\_\_)\_\_\_\_\_-\_\_\_\_\_  
Email: \_\_\_\_\_

Sample Label: \_\_\_\_\_

### Animals to Be Fed: (Check One)

- Dairy Cattle
- Beef Cattle
- Lactating Sows
- Gestating Sows
- Market Hogs (45-125 lbs)
- Market Hogs (125+ lbs)
- Birth to 10 lbs
- 11-20 lbs
- 21-45 lbs
- Horses
- Poultry
- Other

SWINE

### Type of Feed (Check One)

- Hay – Type: \_\_\_\_\_
- Silage – Type: \_\_\_\_\_
- Grain – Type: \_\_\_\_\_
- Total Mixed Ration – Type: \_\_\_\_\_
- Concentrates – Type: \_\_\_\_\_
- Complete Feed – Type: \_\_\_\_\_
- Other – Type: \_\_\_\_\_

Analyses Desired	In-State Cost	Out-Of-State	Enter Cost
<input type="checkbox"/> Standard Minerals	\$6.00	\$12.00	_____
<input type="checkbox"/> Ash	\$5.00	\$10.00	_____
<input type="checkbox"/> Nitrate-N	\$5.00	\$10.00	_____
<input type="checkbox"/> Crude Fat	\$5.00	\$10.00	_____
<input type="checkbox"/> Crude Protein	\$6.00	\$12.00	_____
<input type="checkbox"/> Acid Detergent Fiber (ADF)	\$5.00	\$10.00	_____
<input type="checkbox"/> Neutral Detergent Fiber (NDF)	\$5.00	\$10.00	_____
<input type="checkbox"/> Bound Protein (ADF-N)	\$6.00	\$12.00	_____
<input type="checkbox"/> Soluble Protein	\$5.00	\$10.00	_____
<input type="checkbox"/> Soluble Sodium and Chloride	\$5.00	\$10.00	_____
<input type="checkbox"/> pH (Silage Only)	\$3.00	\$6.00	_____
<input type="checkbox"/> Dry Matter ONLY	\$3.00	\$6.00	_____
<input type="checkbox"/> Fax Report	\$1.00	\$1.00	_____
<input type="checkbox"/> Mailed Report	\$1.00	\$1.00	_____
		Total:	_____

**Dairy and Swine** – Check desired analysis above.  
**Beef and Horse** – Check Crude Protein, ADF, NDF, and other desired analysis  
**Poultry** – Crude Protein NDF, Fat, and Ash must be checked for **Metabolizable Energy**.  
**Standard Minerals** includes phosphorus, potassium, calcium, magnesium, zinc, copper, manganese, iron, and sulfur.  
**Total Digestible Nutrients (TDN)** and **Energy Values** will be calculated from the Crude Protein and ADF values for hays, silage, mixed rations, grains, and complete feeds. Crude Protein and ADF must be checked to determine these values. For feeds containing > 4% fat, the fat analysis is necessary to determine better estimates for TDN and NDF values.  
**Relative Feed Value** for forages will be calculated from the ADF and NDF values.  
**Nonfiber Carbohydrates** will be calculated from the Crude Protein, NDF, Fat, and Ash Values.

Ag Lab Approval: \_\_\_\_\_ LAB USE ONLY  
Extension Approval: \_\_\_\_\_  
Make checks payable to Clemson University

Check Number: \_\_\_\_\_  
Date Sample Received: \_\_\_\_\_ LAB USE ONLY