

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: (Select One)

- 01 Dairy Cattle
- 11 Beef Cattle
- 19 Lactating Sows
- 20 Gestating Sows
- 23 Market Hogs (45-125 lbs)
- 24 Market Hogs (125+ lbs)
- 25 Birth to 10 lbs
- 26 11-20 lbs
- 27 21-45 lbs
- 31 Horses
- 41 Poultry
- 49 Other

SWINE

Select Analyses

	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) + (ADF)	\$11.00	\$22.00	_____
<input type="checkbox"/> Soluble Protein (includes Crude Protein)	\$11.00	\$22.00	_____
<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-see note below	\$3.00	\$6.00	_____
<input type="checkbox"/> Fax Report	\$1.00	\$1.00	_____
<input type="checkbox"/> Mailed Report	\$1.00	\$1.00	_____

TDN for Hays

Total: _____

Type of Feed: (Select One)

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

Dry Matter ONLY - do not select in addition to any other test. The dry matter value is automatically included with all analyses.
Dairy and Swine – Select desired analysis above.
Beef and Horse – Select Crude Protein, ADF, NDF, and other desired analyses **Poultry** – Crude Protein, NDF, Fat, and Ash must be selected for **Metabolizable Energy calculation.**
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 (Sugar) 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