

# FEED & FORAGE ANALYSIS

## FEED ANALYSIS: WET CHEMISTRY

F-1	<b>PROTEIN</b>	\$14.00
	<i>Moisture, Dry Matter, Crude Protein</i>	
F-2	<b>PROTEIN AND BEEF ENERGY</b>	\$22.25
	<i>Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF) Calculated Beef Cattle Energy Values: TDN, NE<sub>m</sub>, NE<sub>g</sub>, NE<sub>i</sub>; Calculated upon request: Horse Energy Value: DE</i>	
F-3	<b>PROTEIN, BEEF ENERGY, AND MINERALS</b>	\$37.25
	<i>Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF), Calcium, Phosphorus, Potassium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Sodium, Molybdenum Calculated Beef Cattle Energy Values: TDN, NE<sub>m</sub>, NE<sub>g</sub>, NE<sub>i</sub>; Calculated upon request: Horse Energy Value: DE</i>	
F-4	<b>PROTEIN, RFV, AND MINERALS</b>	\$46.00
	<i>Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF), Calcium, Phosphorus, Potassium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Sodium, Molybdenum Calculated: Relative Feed Value (RFV) Calculated Beef Cattle Energy Values: TDN, NE<sub>m</sub>, NE<sub>g</sub>, NE<sub>i</sub>; Calculated upon request: Horse Energy Value: DE</i>	
F-5	<b>PROTEIN AND RFV</b>	\$30.75
	<i>Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF) Calculated: Relative Feed Value (RFV) Calculated Beef Cattle Energy Values: TDN, NE<sub>m</sub>, NE<sub>g</sub>, NE<sub>i</sub>; Calculated upon request: Horse Energy Value: DE</i>	
F-6	<b>PROTEIN AND MINERALS</b>	\$29.25
	<i>Moisture, Dry Matter, Crude Protein, Calcium, Phosphorus, Potassium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Sodium, Molybdenum</i>	
F-7	<b>LIQUID FEED SUPPLEMENT</b>	\$40.50
	<i>Moisture (Karl Fischer), Dry Matter, Crude Protein, Calcium, Phosphorus, Potassium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Sodium, Molybdenum</i>	
F-8	<b>MINERAL PACKAGE</b>	\$23.75
	<i>Moisture, Dry Matter, Calcium, Phosphorus, Potassium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Sodium, Molybdenum</i>	
F-9	<b>NITRATE</b>	\$13.75
	<i>Moisture, Dry Matter, Nitrate-Nitrogen (NO<sub>3</sub>-N)</i>	
F-10	<b>BEEF RATIONS</b>	\$43.50
	<i>Recommended for Beef Rations. Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF), Fat, Calcium, Phosphorus, Potassium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Sodium, Molybdenum Calculated Beef Cattle Energy Values: TDN, NE<sub>m</sub>, NE<sub>g</sub>, NE<sub>i</sub>; Calculated upon request: Horse Energy Value: DE</i>	
F-11	<b>PROXIMATE ANALYSIS</b>	\$37.50
	<i>Recommended for poultry feeds and novel/unique feedstuffs. Moisture, Dry Matter, Crude Protein, Crude Fiber, Fat, Ash, Calculated: Nitrogen Free Extract Calculated Beef Cattle Energy Values: TDN, NE<sub>m</sub>, NE<sub>g</sub>, NE<sub>i</sub>; Calculated Upon Request Poultry Energy Value: ME<sub>n</sub></i>	
F-12	<b>SWINE INGREDIENTS</b>	\$35.75
	<i>Recommended for swine ingredients. Moisture, Dry Matter, Crude Protein, amylase-treated Neutral Detergent Fiber (aNDF), Fat, Ash Calculated Upon Request Swine Energy Values: GE, DE, ME</i>	
F-13	<b>SWINE DIETS</b>	\$61.25
	<i>Recommended for swine ingredients or diets. Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF), Fat, Ash, Starch Calculated Beef Cattle Energy Values: TDN, NE<sub>m</sub>, NE<sub>g</sub>, NE<sub>i</sub>; Calculated Upon Request Swine Energy Values: GE, DE, ME, NE</i>	



# FEED & FORAGE ANALYSIS

NEAR INFRARED SPECTROSCOPY (NIRS)

SAMPLES SUBMITTED REQUIRING HAND SHEERING OR CHIPPER SHREDDING WILL INCUR A \$4.00 HANDLING CHARGE.

## LEGUME, GRASS & HAYLAGE \_\_\_\_\_ \$19.50

Moisture, Dry Matter, Crude Protein, Heat Damaged Protein (HDP), NDF Insoluble Protein (NDICP), Insoluble Protein, Soluble Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF), Ash, NDFD48, dNDF48, IVTDMD48, dNDF30, IVTDMD30, Fat, Lignin, Non-Fiber Carbohydrates (NFC), Starch, Ethanol Soluble Carbohydrates (ESC), Water Soluble Carbohydrates (WSC)

Calculated: Relative Feed Value (RFV) Relative Forage Quality (RFQ)

Calculated Beef Cattle Energy Values: TDN,  $NE_m$ ,  $NE_g$ ,  $NE_l$

Calculated upon request: Dairy Cattle Energy Values: TDN, ME,  $NE_m$ ,  $NE_g$ ,  $NE_l$

Calculated upon request: Horse Energy Value: DE, Non-Structural Carbohydrates (NSC)

## MIXED SPECIES HAY & FORAGES \_\_\_\_\_ \$19.50

Moisture, Dry Matter, Crude Protein, Heat Damaged Protein (HDP), NDF Insoluble Protein (NDICP), Insoluble Protein, Soluble Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF), Ash, NDFD48, dNDF48, IVTDMD48, Fat, Lignin, Non-Fiber Carbohydrates (NFC), Starch, Ethanol Soluble Carbohydrates (ESC), Water Soluble Carbohydrates (WSC)

Calculated: Relative Feed Value (RFV) Relative Forage Quality (RFQ)

Calculated Beef Cattle Energy Values: TDN, ME,  $NE_m$ ,  $NE_g$ ,  $NE_l$

Calculated upon request: Dairy Cattle Energy Values: TDN, ME,  $NE_m$ ,  $NE_g$ ,  $NE_l$

Calculated upon request: Horse Energy Value: DE, Non-Structural Carbohydrates (NSC)

## NON-BRASSICA COVER CROPS \_\_\_\_\_ \$19.50

Moisture, Dry Matter, Crude Protein, Heat Damaged Protein (HDP), NDF Insoluble Protein (NDICP), Insoluble Protein, Soluble Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF), Ash, NDFD48, dNDF48, IVTDMD48, Fat, Lignin, Non-Fiber Carbohydrates (NFC), Starch, Ethanol Soluble Carbohydrates (ESC), Water Soluble Carbohydrates (WSC)

Calculated Beef Cattle Energy Values: TDN, ME,  $NE_m$ ,  $NE_g$ ,  $NE_l$

## CORN SILAGE & UNFERMENTED CORN SILAGE \_\_\_\_\_ \$19.50

Moisture, Dry Matter, Crude Protein, Heat Damaged Protein (HDP), NDF Insoluble Protein (NDICP), Insoluble Protein, Soluble Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF), Ash, NDFD48, IVTDMD48, dNDF48, IVTDMD48, dNDF30, IVTDMD30, Fat, Lignin, Non-Fiber Carbohydrates (NFC), Starch, Ethanol Soluble Carbohydrates (ESC), Water Soluble Carbohydrates (WSC)

Calculated Beef Cattle Energy Values: TDN, ME,  $NE_m$ ,  $NE_g$ ,  $NE_l$

Calculated upon request: Dairy Cattle Energy Values: TDN, ME,  $NE_m$ ,  $NE_g$ ,  $NE_l$

## COMMON NIRS+WET CHEMISTRY PACKAGES

### NIRS + NITRATES \_\_\_\_\_ \$26.50

Recommended for nitrate accumulating species (Ex. Cane, Sorghum, Oats, etc.)

NIRS package with Nitrate ( $NO_3$ -N) added

### NIRS + MINERALS \_\_\_\_\_ \$34.50

Recommended for designing mineral supplementation programs

NIRS package with F-8 Minerals added

Mineral sufficiency levels available with animal and physiological state based on NASEM guidelines.

### NIRS + PH \_\_\_\_\_ \$23.00

Recommended for ensiled forages to ensure proper fermentation

NIRS package with pH added

All Prediction Models from NIRS Forage and Feed Testing Consortium.  
Updated 01/01/2024. All prices are subject to change without notice.



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