

FEED & FORAGE ANALYSIS

FEED ANALYSIS: WET CHEMISTRY

F-1	PROTEIN	\$13.00
	<i>Moisture, Dry Matter, Crude Protein</i>	
F-2	PROTEIN AND BEEF ENERGY	\$20.50
	<i>Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF) Calculated Beef Cattle Energy Values: TDN, NE_m, NE_g, NE_i; Calculated upon request: Horse Energy Value: DE</i>	
F-3	PROTEIN, BEEF ENERGY, AND MINERALS	\$34.50
	<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_m, NE_g, NE_i; Calculated upon request: Horse Energy Value: DE</i>	
F-4	PROTEIN, RFV, AND MINERALS	\$42.50
	<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_m, NE_g, NE_i; Calculated upon request: Horse Energy Value: DE</i>	
F-5	PROTEIN AND RFV	\$28.50
	<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_m, NE_g, NE_i; Calculated upon request: Horse Energy Value: DE</i>	
F-6	PROTEIN AND MINERALS	\$27.00
	<i>Moisture, Dry Matter, Crude Protein, Calcium, Phosphorus, Potassium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Sodium, Molybdenum</i>	
F-7	LIQUID FEED SUPPLEMENT	\$37.50
	<i>Moisture (Karl Fischer), Dry Matter, Crude Protein, Calcium, Phosphorus, Potassium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Sodium, Molybdenum</i>	
F-8	MINERAL PACKAGE	\$22.00
	<i>Moisture, Dry Matter, Calcium, Phosphorus, Potassium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Sodium, Molybdenum</i>	
F-9	NITRATE	\$12.75
	<i>Moisture, Dry Matter, Nitrate-Nitrogen (NO₃ -N)</i>	
F-10	BEEF RATIONS	\$40.25
	<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_m, NE_g, NE_i; Calculated upon request: Horse Energy Value: DE</i>	
F-11	PROXIMATE ANALYSIS	\$34.75
	<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_m, NE_g, NE_i; Calculated Upon Request Poultry Energy Value: ME_n</i>	
F-12	SWINE INGREDIENTS	\$33.00
	<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	SWINE DIETS	\$56.75
	<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_m, NE_g, NE_i; Calculated Upon Request Swine Energy Values: GE, DE, ME, NE</i>	



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NEAR INFRARED SPECTROSCOPY (NIRS)

LEGUME, GRASS, MIXED SPECIES HAY, FRESH FORAGE, & HAYLAGE _____ \$18.00

Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF), Calcium, Phosphorous, Potassium, Magnesium, Ash, NDFD48, 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, NE_m , NE_g , NE_l

Calculated upon request: Horse Energy Value: DE

CORN SILAGE _____ \$18.00

Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF), Calcium, Phosphorous, Potassium, Magnesium, Ash, NDFD48, IVTDMD48, Fat, Lignin, Non-Fiber Carbohydrates (NFC), Starch, Ethanol Soluble Carbohydrates (ESC), Water Soluble Carbohydrates (WSC)

Calculated: Relative Feed Value (RFV)

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

CORN GRAIN* _____ \$18.00

Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF), Calcium, Phosphorous, Potassium, Magnesium

Calculated: Relative Feed Value (RFV)

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

EARLAGE* _____ \$18.00

Moisture, Dry Matter, Crude Protein, Acid Detergent Fiber (ADF), amylase-treated Neutral Detergent Fiber (aNDF), Starch

Calculated: Relative Feed Value (RFV)

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

COMMON NIRS+WET CHEMISTRY PACKAGES

NIRS + NITRATES _____ \$24.50

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

NIRS package with Nitrate (NO_3 -N) added

NIRS + MINERALS _____ \$32.00

Recommended for designing mineral supplementation programs

NIRS package with F-8 Minerals added

NIRS + PH _____ \$21.25

Recommended for ensiled forages to ensure proper fermentation

NIRS package with pH added

All Prediction Models from NIRS Forage and Feed Testing Consortium unless denoted.

*Models developed for Ward Laboratories, Inc.

NIRS Consortium
Forage and Feed



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