

# KEY FOR FEED SAMPLE TESTS

## Combination Tests:

Dry Protein Supplement: H<sub>2</sub>O, DM, CP, NPN, C Fiber, Ca, P

Liquid Protein Test: H<sub>2</sub>O, C Prot, NPN, Ca, P

Mineral Analysis: Ca, P, K, Mg, Na, S, Fe, Mn, Zn, Cu

Molasses Test: KF H<sub>2</sub>O, DM, Brix, Total Sugars as Invert

Proximate Analysis: H<sub>2</sub>O, DM, C Prot, C Fiber, C Fat, NFE, Ash, Calculated D Prot, TDN, NEI, NEg, NEm

RFV/RFQ by NIR (alfalfa hay only): H<sub>2</sub>O, DM, C Prot, ADF, NDF, dNDF, TDN, NE, RFV, RFQ

RFV Wet Chemistry (alfalfa only): H<sub>2</sub>O, DM, C Prot, ADF, NDF, TDN, NE, RFV

Standard Test: H<sub>2</sub>O, DM, C Prot, ADF, Calculated D Prot, TDN, NEI, NEg, NEm

Tallow and Fat Test: H<sub>2</sub>O, Insoluble Impurities, Unsaponifiable Matter, FFA, TFA

## Individual Tests:

ADF	Acid Detergent Fiber	Mo	Molybdenum
ADIN	Acid Detergent Insoluble Nitrogen	Na	Sodium
Ash	Ash	NDF	Neutral Detergent Fiber
B	Boron	NEg	Net Energy Gain (calculated)
Brix	Brix	NEI	Net Energy Lactation (calculated)
Ca	Calcium	NEm	Net Energy Maintenance (calculated)
Cl	Chloride	NFE	Nitrogen Free Extract
Co	Cobalt	NO <sub>3</sub> -N	Nitrate-N
C Fat	Crude Fat	NPN	Non Nitrogen Protein
C Fiber	Crude Fiber	P	Phosphorus
C Prot	Crude Protein	pH	pH
Cu	Copper	Prussic Acid	Prussic Acid
D Prot	Digestible Protein (calculated)	RFV	Relative Feed Value
dNDF	Digestible Neutral Detergent Fiber (calculated)	RFQ	Relative Forage Quality
DM	Dry Matter	S	Sulfur
Fe	Iron	Salt	Salt as sodium chloride
H <sub>2</sub> O	Moisture	Se	Selenium
K	Potassium	Sol Prot	Soluble Protein
Lignin	Lignin (acid detergent)	TDN	Total Digestible Nutrients (calculated)
Mg	Magnesium	Sugar	Total Sugars as Invert
Mn	Manganese	Zn	Zinc