

Near Infra-Red Spectroscopy (NIR)

NDF DIGESTIBILITY: Same as NIR Extra with 48/30 HR NDFD, Milk 2006 Energy or NRC 2001 Energy Calculations	\$ 20.00
NDF DIGESTIBILITY PROFILE: NIR Standardized NDFd at 24, 30 and 48 hour time increments to develop a digestion profile for your sample using the Combs-Goeser in vitro NDF digestibility method. Available on Hay & Haylage. (Corn Silage available early 2010)	\$ 10.00
NIR EXTRA: Moisture, Protein, ADF-ICP, NDF-ICP, ADF, NDF, Fat, Ash, Lignin, Protein Solubility, Sugar, Starch (Corn Silage, Corn Grain), Ca, P, K, Mg, S, NRC 2001 Energy Calculations	\$ 17.00
BASIC NIR: Moisture, Protein, ADF-ICP, ADF, NDF, Energy Calcs, Soluble Protein, Ca, P, K, Mg, S, pH and Starch (Corn Silage, Corn Grain)	\$ 13.00
FORAGE BASED-DAIRY/BEEF TMR's: Moisture, Protein, ADF-ICP, NDF-ICP, ADF, NDF, Energy Calcs NRC 2001, Fat, Ash, Lignin, Soluble Protein, Sugar and Starch	\$ 17.00
NIR/NPN CORN SILAGE: Moisture, Protein, ADF-ICP, ADF, NDF, Energy Calcs, Soluble Protein, pH and Starch	\$ 13.00
HIGH OIL or HIGH DENSITY CORN: Moisture, Protein, ADF-ICP, ADF, NDF, Energy Calcs, Fat, Starch, Ca, P, K, Mg, S.	\$ 14.00
DISTILLERS GRAINS BY NIR: Moisture, Protein, ADF-ICP, NDF-ICP, ADF, NDF, NRC 2001 Energy Calcs, Fat, Ash, Lignin, Soluble Protein, pH and Starch.....	\$ 17.00
MOISTURE/PROTEIN	\$ 10.00
CORN SILAGE PROCESSING ANALYSIS: Corn Silage Processing Score added to any NIR package.....	\$ 17.00
VFA (VOLATILE FATTY ACID) SCREEN: Lactic, Acetic and Butyric Acids, Ammonia	\$ 7.00
VFA (VOLATILE FATTY ACID) PROFILE: for Haylage and Corn Silage, Protein analysis must be requested.....	\$ 11.00
Ca, P, K, Mg and S by Wet Chemistry (with any package above)	additional \$ 7.00
DCAD: Ca, P, K, Mg, S, Na and Cl by Wet Chemistry (with any package above)	additional \$ 10.00

Wet Chemistry Only

PACKAGE #1: Moisture, Protein, Ca, P, K, Mg, and S	\$ 15.00
PACKAGE #2: Moisture, Protein, ADF, Energy Calcs, Ca, P, K, Mg and S.....	\$ 18.00
PACKAGE #2 PLUS NDF, Energy Calcs.....	\$ 22.00
PACKAGE #3: Moisture, Protein, ADF-ICP, ADF, Energy Calcs, Ca, P, K, Mg and S	\$ 22.00
PACKAGE #3 PLUS NDF, Energy Calcs.....	\$ 25.00
PACKAGE #4: Moisture, Protein, ADF-ICP, ADF, Energy Calcs, Ca, P, K, Mg, S, Fat and Ash.....	\$ 28.00
PACKAGE #4 PLUS NDF, Energy Calcs.....	\$ 31.00
PACKAGE #5: NIR EXTRA all Wet Chemistry, Energy Calcs NRC 2001	\$ 46.00
PACKAGE #5 PLUS, Soluble Protein on Hay, Haylage and Corn Silage	\$ 60.00
DEGREE OF STARCH ACCESS (DSA)	\$ 27.00
UW FEED GRAIN EVALUATION SYSTEM	\$ 44.00
BY PRODUCT ENERGY PACKAGE: (Cottonseed, distiller's grains, soy hulls etc.) Moisture, Protein, NDF-ICP, ADF, NDF, Fat, Ash, Lignin, Energy by NRC 2001	\$ 37.00
BY PRODUCT ENERGY PLUS MINERALS: Same as above plus Ca, P, K, Mg and S	\$ 43.00
NDF DIGESTIBILITY WET: Same as Package #5 with Milk 2006 Calcs, NDF-D and Starch on Corn Silage and Combs Digestibility Calcs, and NDF-D on Hay and Haylage	\$ 74.00
NDF DIGESTIBILITY PROFILE WET:	\$ 84.00
HORSE WET CHEM EXTRA: Moisture, Protein, ADF-ICP, NDF-ICP, ADF, NDF, KER, Ca, P, K, Mg, S, Fat and Ash	\$ 31.00
SWINE ENERGY PACKAGE: Moisture, Protein, ADF, NDF, Ca, P, K, Mg S, Fat and Ash.....	\$ 28.00
MIXER ACCURACY (4 Samples):	\$ 91.00
MIXER EVALUATION (10 Samples):	\$100.00
MOISTURE AND PROTEIN:	\$ 12.00
MAJOR MINERALS: Ca, P, K, Mg and S	\$ 10.00
MINOR MINERAL PACKAGE: Na, Zn, Mn, Cu, Fe, Al, Mo	\$ 15.00
TOTAL MINERAL PACKAGE: Ca, P, K, Mg, S, Na, Zn, Mn, Cu, Fe, Al, Mo.....	\$ 20.00
FORAGE PARTICLE LENGTH	\$ 14.00
FEED/GRAIN PARTICLE SIZE	\$ 17.00
VOLATILE FATTY ACID PROFILE (VFA) for High Moisture Corn and High Moisture Ear Corn	\$ 27.00

Minimum Sample Charge \$10.00

Wet Chemistry Only

Protein	\$ 9.00
Acid Detergent Fiber.....	\$ 7.00
Neutral Detergent Fiber	\$ 7.00
Crude Fiber	\$ 7.00
Lignin	\$ 16.00
Soluble Protein	\$ 14.00
By-Pass Protein	\$ 17.00
Fat	\$ 10.00
Nitrate (Ion)	\$ 7.00
Starch	\$ 13.00
Sugar	\$ 13.00
Starch and Sugar Analysis	\$ 14.00
Salt (Sodium Chloride).....	\$ 10.00
Non-protein nitrogen (Urea).....	\$ 11.00
Ash	\$ 7.00
pH	\$ 7.00
Selenium	\$ 56.00
Molybdenum	\$ 16.00

Mold/Toxin Analysis

Yeast and Mold Count.....	\$ 15.00
Mold Identification	\$ 32.00
Vomitoxin (DON), Zearalenone or Aflatoxin (Spectroscopic Method)	Each \$ 24.00
Total Toxin Screen (19)	\$132.00
Toxin Screen (17) for TMR, Corn Silage or Grassy Samples	\$ 87.00
Vomitoxin (DON), Fumonisin, Aflatoxin	Each \$ 52.00

Water Analysis

Nitrate Nitrogen	\$ 13.00
pH	\$ 7.00
Sulfate	\$ 14.00
Total Hardness (as CaCO ₃)	\$ 14.00
Total Chlorine	\$ 12.00
Mineral Package <i>Calcium, Magnesium, Copper, Iron, Zinc, Sodium, Aluminum and Manganese</i>	\$ 23.00
Livestock Water Package <i>Mineral Package, Total Hardness, Sulfate, pH, Chlorine and Nitrate Nitrogen Electrical conductivity and Total Dissolved Solids</i>	\$ 33.00

Fertilizer - Manure Analysis

Nitrogen, Phosphorus, Potassium and Sulfur	\$ 25.00
Total Tract Starch Digestibility	\$ 19.00
Lime: Ca/Mg Ration	\$ 15.00
Lime Grade	\$ 25.00

Plant Tissue Analysis

Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sulfur, Boron, Manganese, Zinc, Copper, Iron, Aluminum and Sodium.....	\$ 25.00
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Minimum Sample Charge \$10.00

Rock River Laboratory, Inc. is certified by the
National Alfalfa Hay Testing Association and is ASCS approved.

Our mission is to provide production assistance to the agricultural industry
through the use of advanced analytical systems.

Our goal is to provide accurate, cost effective and timely analytical results to our customers,
while providing unsurpassed customer service.