

Feed Analysis Request

Date: _____ Customer: _____ Cust. #: _____ Location: _____

Feeder: _____ Country of the farm: _____

Sample Description	Feed storage	Treated	Cutting	Processed
Sample ID Nr ①: _____		☐		☐
Sample ID Nr ②: _____		☐		☐

Animal-Specific Equations ☐ Dairy ☐ Beef ☐ Horse ☐ Swine ☐ Poultry ☐ Sheep

① ② Near Infrared Reflectance (NIR) Spectroscopy Analysis Package

☐	☐	Dynamic CNCPS: (all forages) CNCPS Inputs, Moisture, Protein, NH ₃ -N, Solb. Protein, ADICP, NDICP, Total amino acids, Lysine, Methionine, Histidine, Sugar (ESC, WSC), Starch, <i>in situ</i> Starch Digestibility (0, 3, 7, 16h), Dynamic Starch k _d , ADF, aNDF/aNDFom, NDF-Digestibility, Dynamic NDF k _d , TTNDfD (Combs, 2012), Lignine, Fat (EE), Total Fatty Acids, Single Fatty Acids (14:0, 16:0, 18:0, 18:1, 18:2, 18:3), RUFAL, Ash, Ca, P, K, Mg, S, pH, Lactic, Acetic, Butyric, Fermentation Shrink, Milk 2006 Energy Calcs
☐	☐	Corn Grain Digestibility: (HMSC, earlage, snaplage, corn) CNCPS Inputs, Moisture, Protein, NH ₃ -N, Solb. Protein, ADICP, NDICP, Total amino acids, Lysine, Methionine, Histidine, Sugar (ESC, WSC), Starch, <i>in situ</i> Starch Digestibility (0, 3, 7, 16h), Dynamic Starch k _d , ADF, aNDF/aNDFom, NDF-Digestibility, Lignine, Fat (EE), Total Fatty Acids, Single Fatty Acids (14:0, 16:0, 18:0, 18:1, 18:2, 18:3), RUFAL, Ash, Ca, P, K, Mg, S, Milk 2006 Energy Calcs
☐	☐	Commodity & Grain Mix: (Grain & other commodities) Moisture, Protein, ADF, aNDF, Fat (EE), Ash, Starch, crude fiber
☐	☐	Forage Based Dairy TMRs: (TMR) Moisture, Protein, Solb. Protein, ADICP, NDICP, Sugar (ESC, WSC), Starch, <i>in situ</i> Starch Digestibility, ADF, aNDF/aNDFom, uNDF240, Lignine, Fat (EE), Total Fatty Acids, Single Fatty Acids (14:0, 16:0, 18:0, 18:1, 18:2, 18:3), RUFAL, Ash and NRC 2001 Energy Calcs
☐	☐	Complete Equine Nutrition: (Hay) Moisture, Protein, Solb. Protein, ADICP, NDICP, Sugar (ESC, WSC), Starch, ADF, aNDF, Lignine, Digestible KER, Fat (EE), Ash, Ca, P, K, Mg, S, Na & Cl (Minerals wet chem.)

① ② Wet Chemistry Analysis Packages

☐	☐	Core Nutrients Plus Energy: (all feeds) Moisture, Protein, ADICP, NDICP, ADF, aNDF, Fat (EE), Ash, Lignine, Starch, Ca, P, K, Mg & S, NRC 2001 Energy Calcs wet chem.
☐	☐	Fecal Starch with Total Tract Starch and Fat Digestibility - to control Starch Digestion over the entire digestive tract NIR
☐	☐	Yeast and Mold Count with Species Identification - to control silage hygiene wet chem.

① ② Add-on Menu

☐	☐	KPS (Kernel Processing Score): (corn silage, earlage, snaplage) - Particle size determination of kernels to determine the chopping quality
☐	☐	Feed/Grain Particle Size: - Particle size determination of grains to determine the milling quality
☐	☐	Advanced Fermentation Products: - Analysis of the fermentation products for a more precise determination of the fermentation process wet chem.
☐	☐	Major Minerals by ICP Ca, P, K, Mg, S, Na, & Cl; DCAD by ICP
☐	☐	

On request we can provide customized packages

All products marked with "**wet chem.**" are analysed by wet chemical methods in the USA and need more time for processing.

Nutritionist: _____