

FEED & FORAGE ANALYSIS REQUEST FORM

Check the box under the sample number(s) that require each analysis.

ACCOUNT NAME AND NUMBER		FARM / GROUP	DATE
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SMPL	SAMPLE ID
S1	
S2	
S3	

S1 / S2 / S3 = sample columns - one form supports up to three samples

Full test offerings at rockriverlab.com

NIR SPECTROSCOPY PACKAGES	S1	S2	S3
1 Comprehensive NIR Animal Type: ☐ Dairy ☐ Beef Most complete NIR panel — available for both forages and commodities. Analytes include nutrients, digestibility, fermentation, CNCPS inputs, amino acids & fatty acids. <i>Included analytes vary by sample type.</i>	☐	☐	☐
2 Dynamic CNCPS Forages & corn grain: TTNDFD (Combs, 2012) plus necessary inputs for CNCPS v6.5 rations.	☐	☐	☐
3 Dynamic NDFD Forages: TTNDFD & dynamic NDF digestion rate for fiber modeling.	☐	☐	☐
4 NDF Digestibility (48 hr) Nutrient panel with 48-hour single-point NDFD & uNDF240.	☐	☐	☐
5 NDF Digestibility (30 hr) Nutrient panel with 30-hour single-point NDFD & uNDF240.	☐	☐	☐
6 NIR Extra Animal Type: ☐ Dairy ☐ Beef Everyday nutrient panel with starch & energy calculations.	☐	☐	☐
7 Simple Equine NIR equine forage panel — proximate analysis, starch & digestible energy (KER).	☐	☐	☐

WET CHEMISTRY PACKAGES	S1	S2	S3
8 Core Nutrients Animal Type: ☐ Dairy ☐ Beef Moisture, protein, ADF/aNDF, fat, ash & minerals.	☐	☐	☐
9 Core Nutrients plus Energy Animal Type: ☐ Dairy ☐ Beef Core Nutrients plus lignin, starch & NRC 2001 energy calculations.	☐	☐	☐
10 Moisture / Dry Matter Oven dry matter / moisture.	☐	☐	☐
11 Simple Equine Equine panel — core nutrients with WSC & digestible energy.	☐	☐	☐
12 Complete Equine Full equine nutrition — digestible energy (KER), minerals & fiber (ADF/aNDF). Nutrient profile by NIR; total mineral concentrations by wet chemistry.	☐	☐	☐
13 Water — Nitrate Nitrogen Livestock water nitrate-nitrogen screen.	☐	☐	☐
14 Water — Mineral Package Water minerals: Ca, Mg, Cu, Fe, Zn, Na, Al & Mn.	☐	☐	☐
15 Water — Livestock Package Animal Type: ☐ Calf ☐ Dairy Full water suitability: minerals, hardness, sulfate, pH, chloride, nitrate-N, conductivity & TDS.	☐	☐	☐
16 Whey / Liquid Feed Moisture, protein, aNDF, fat, ash, major minerals, Na & Cl, & individual sugars.	☐	☐	☐
17 Feed Hygiene Package Nutrient profile by NIR, starch by wet chemistry, 7 hour in situ digestion, yeast & mold ID, Clostridium & Enterobacteria & common toxins. <i>Included analyses vary by sample type.</i>	☐	☐	☐

MINERALS & IONS	S1	S2	S3
18 Minerals w/ DCAD (<i>check/circle one</i>): ☐ Major ☐ Total Major: Ca, P, K, Mg, S, Na & Cl by ICP, with DCAD calculation Total: Major + Zn, Mn, Cu, Fe & Al	☐	☐	☐
19 Salt Calculated from chloride (Cl) measurement.	☐	☐	☐

NUTRIENTS	S1	S2	S3
20 Nitrate	☐	☐	☐
21 Crude Fiber	☐	☐	☐
22 Starch	☐	☐	☐
23 Water Soluble Carbohydrates	☐	☐	☐
24 Individual Sugars	☐	☐	☐
25 Fat	☐	☐	☐
26 Ash	☐	☐	☐
27 Crude Protein	☐	☐	☐

ANTINUTRITIONAL	S1	S2	S3
28 Mycotoxins (<i>check/circle one</i>): ☐ Basic ☐ Comprehensive Basic: Aflatoxins (B1, B2, G1, G2), DON, T-2, Zearalenone Comprehensive: Basic + Fumonisin & Ochratoxin	☐	☐	☐
29 Clostridium Count	☐	☐	☐
30 Enterobacteria Count	☐	☐	☐
31 Yeast & Mold <i>check/circle one:</i> ☐ Rapid ☐ Count ☐ Count w/ ID / Speciation	☐	☐	☐

FERMENTATION & DIGESTION	S1	S2	S3
32 In Situ Starch Digestibility <i>check/circle any:</i> ☐ 3 ☐ 7 ☐ 16 ☐ 24 hr	☐	☐	☐
33 16 hr In Situ RUP and DMD (Bypass Protein) Add-on: ☐ Intestinal Digestion	☐	☐	☐
34 Multistep Protein Evaluation (Ross MSPE)	☐	☐	☐
35 pH	☐	☐	☐
36 Fermentation Products (<i>check/circle one</i>): ☐ Basic ☐ Advanced Basic: pH, NH ₃ -N, 6 Fermentation Acids, Ethanol, Fermentation Shrink Advanced: Basic + 6 Fermentation Alcohols, Ethyl Lactate & Ethyl Acetate	☐	☐	☐
37 NDFD (in vitro) <i>check/circle any:</i> ☐ 12 ☐ 24 ☐ 30 ☐ 48 ☐ 72 ☐ 120 ☐ 240 hr	☐	☐	☐

PHYSICAL CHARACTERISTICS	S1	S2	S3
38 Kernel / Berry Processing Score: ☐ KPS ☐ BPS	☐	☐	☐
39 Grain Particle Size / Micron Test	☐	☐	☐

REPRESENTATIVE

REPRESENTATIVE NAME

PHONE NUMBER

ADDITIONAL COMMENTS



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Note: For "choose one" package selections, check the single package that applies per sample. NDFD time points and Yeast & Mold formats are listed individually — select the specific analysis needed. Individual (wet chemistry) analytes must accompany a base package where required. Rev. 2026 v1.0