



CASH SALES

DATE RECEIVED: 9/20/2023

DATE REPORTED: 9/21/2023

LAB NUMBER: F23-03736

GROWER: LORREN HAGEN
FIELD ID.: 1ST ALF
DESCRIPTION: Alfalfa

GROWER ACCOUNT #:
GROWER SAMPLE ID"

NIR FEED ANALYSIS

	As Received Basis	100% Dry Matter		As Received Basis	100% Dry Matter Basis
MOISTURE %	7.5		TDN % [ADF]	54.6	59.0
DRY MATTER %	92.5	100	NEL, MCAL/KG [ADF]	1.1	1.2
Protein			NEM, MCAL/KG [ADF]	1.7	1.8
CRUDE PROTEIN	14.6	15.8	NEG, MCAL/KG [ADF]	1.0	1.1
DIGESTIBLE PROTEIN	10.6	11.5	ME MCAL/KG	2.02	2.18
Fiber			DE MCAL/KG	2.4	2.6
ACID DET. FIBER %	34.3	37.1	DDM %	55.5	60.0
NEUTRAL DET. FIBER %	41.5	44.9	DMI % of Body Wt.	2.5	2.7
LIGNIN %	7.6	8.2	Wet Chemistry Minerals:		
dNDF48 (% of NDF)	36.1	39.0	Boron (B) mg/kg		
RFV		124	Calcium (Ca) %		
RFQ		110	Copper (Cu) mg/kg		
FAT %	1.6	1.7	Iron (Fe) mg/kg		
STARCH %	3.9	4.21	Magnesium (Mg) %		
ESC %	2.6	2.8	Manganese (Mn) mg/kg		
NSC %	10.2	11.0	Phosphorus (P) %		
ASH %	10.6	11.5	Potassium (K) %		
WSC %	6.29	6.8	Sodium (Na) %		
Minerals			Sulfur (S) %		
CALCIUM (Ca) %	1.13	1.22	Zinc (Zn) mg/kg		
PHOSPHORUS (P) %	0.24	0.26	Chloride (Cl) mg/kg		
POTASSIUM (K) %	2.16	2.34			
MAGNESIUM (Mg) %	0.26	0.28			
Other Analysis:					
NITRATE NITROGEN mg/kg					

* TOTAL AFLATOXIN (B1, B2, G1, G2) (AraStrip 8.0 ppb)
Relative Feed value includes both ADF and NDF in accordance with AFGC Hay Market Task Force Equations

We make every effort to provide an accurate analysis of your sample. For reasonable cause we will repeat tests, but because of factors beyond our control in sampling procedures and the inherent variability of feeds, our liability is limited to the price of the tests.

This is your Invoice #: F23-03736

Account #:

143000

Reviewed by: K. Bair, PhD, CPSS

List Cost: \$22.00