



**CASH SALES**

DATE RECEIVED: 8/19/2020  
DATE REPORTED: 8/20/2020  
LAB NUMBER: F20-04296

GROWER: DAVID FREEMAN  
FIELD ID.: 1919 3RD  
DESCRIPTION: ALFALFA

GROWER ACCOUNT #:  
GROWER SAMPLE ID"

NIR FEED ANALYSIS

	As Received Basis	100% Dry Matter		As Received Basis	100% Dry Matter Basis
MOISTURE %	3.3				
DRY MATTER %	96.7	100			
Protein			TDN % [ ADF ]	62.4	64.5
CRUDE PROTEIN	21.9	22.6	NEL, MCAL/KG [ ADF ]	1.3	1.3
DIGESTIBLE PROTEIN	17.4	18	NEM, MCAL/KG [ ADF ]	1.8	1.9
			NEG, MCAL/KG [ ADF ]	1.3	1.3
Fiber			ME MCAL/KG	2.34	2.42
ACID DET. FIBER %	30.9	32	DE MCAL/KG	2.7	2.8
NEUTRAL DET. FIBER %	36.6	37.8	DDM %	61.9	64
LIGNIN %	6.2	6.4	DMI % of Body Wt.	3.1	3.2
RFV		157	Wet Chemistry Minerals:		
FAT %	1.44	1.49	Boron (B) mg/kg		
STARCH %	3.70	3.83	Calcium (Ca) %		
ESC %	5.8	6	Copper (Cu) mg/kg		
NSC %	11.1	11.5	Iron (Fe) mg/kg		
ASH %	14.4	14.9	Magnesium (Mg) %		
WSC %	7.4	7.7	Manganese (Mn) mg/kg		
Minerals			Phosphorus (P) %		
CALCIUM (Ca) %	1.27	1.31	Potassium (K) %		
PHOSPHORUS (P) %	0.29	0.3	Sodium (Na) %		
POTASSIUM (K) %	1.60	1.65	Sulfur (S) %		
MAGNESIUM (Mg) %	0.32	0.33	Zinc (Zn) mg/kg		
Other Analysis:			Chloride (Cl) mg/kg		
NITRATE NITROGEN mg/kg	648	676			

\* TOTAL AFLATOXIN (B1, B2, G1, G2) (AgraStrip 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 #: F20-04296 Account #: 143000 Reviewed by: B.Thyssen, CPSS List Cost: \$25.00