



CASH SALES

DATE RECEIVED: 10/13/2020

DATE REPORTED: 10/14/2020

LAB NUMBER: F20-05871

GROWER: FREEMAN FARMS

FIELD ID.: MATTAWA 4TH

GROWER ACCOUNT #:

DESCRIPTION: ALFALFA

GROWER SAMPLE ID"

NIR FEED ANALYSIS

	As Received Basis	100% Dry Matter Basis		As Received Basis	100% Dry Matter Basis
MOISTURE %	5.6				
DRY MATTER %	94.4	100			
Protein			TDN %	61.3	64.9
CRUDE PROTEIN	21.5	22.8	NEL, MCAL/KG	1.3	1.4
DIGESTIBLE PROTEIN	17.2	18.2	NEM, MCAL/KG	1.9	2
			NEG, MCAL/KG	1.2	1.3
Fiber			ME MCAL/KG	2.30	2.44
ACID DET. FIBER %	29.7	31.5	DE MCAL/KG	2.7	2.9
NEUTRAL DET. FIBER %	34.2	36.2	DDM %	60.7	64.3
LIGNIN %	6.6	7	DMI % of Body Wt.	3.1	3.3
RFV		165	Wet Chemistry Minerals:		
FAT %	1.51	1.6	Boron (B) mg/kg		
STARCH %	3.29	3.49	Calcium (Ca) %		
ESC %	5.5	5.8	Copper (Cu) mg/kg		
NSC %	10.7	11.3	Iron (Fe) mg/kg		
ASH %	12.0	12.7	Magnesium (Mg) %		
WSC %	7.4	7.8	Manganese (Mn) mg/kg		
Minerals			Phosphorus (P) %		
CALCIUM (Ca) %	1.31	1.39	Potassium (K) %		
PHOSPHORUS (P) %	0.28	0.3	Sodium (Na) %		
POTASSIUM (K) %	2.03	2.15	Sulfur (S) %		
MAGNESIUM (Mg) %	0.29	0.31	Zinc (Zn) mg/kg		
Other Analysis:			Chloride (Cl) mg/kg		
NITRATE NITROGEN mg/kg					

\* 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 #: F20-05871

Account #: 143000 Reviewed by: KEB

List Cost: \$20.00