



## CASH SALES

DATE RECEIVED: 8/23/2019

DATE REPORTED: 8/26/2019

LAB NUMBER: F19-05707

GROWER: HAGEN CATTLE

FIELD ID.: 2ND

GROWER ACCOUNT #:

DESCRIPTION: ALFALFA

GROWER SAMPLE ID"

NIR FEED ANALYSIS					
	As Received Basis	100% Dry Matter		As Received Basis	100% Dry Matter Basis
MOISTURE %	8.4				
DRY MATTER %	91.6	100			
Protein			TDN % [ ADF ]	60.6	66.2
CRUDE PROTEIN	19.1	20.9	NEL, MCAL/KG [ ADF ]	1.3	1.4
DIGESTIBLE PROTEIN	15.0	16.4	NEM, MCAL/KG [ ADF ]	1.8	2
			NEG, MCAL/KG [ ADF ]	1.2	1.3
Fiber			METABOLIZABLE ENERGY	2.29	2.5
ACID DET. FIBER %	27.8	30.4	DIGESTIBLE ENERGY	2.7	2.9
NEUTRAL DET. FIBER %	32.6	35.6	DIGESTIBLE DRY MATTER	59.7	65.2
LIGNIN %	5.6	6.1	DRY MATTER INTAKE	3.1	3.4
RFV		170	Wet Chemistry Minerals:		
FAT %	1.25	1.36	Boron (B) mg/kg		
STARCH %	2.08	2.27	Calcium (Ca) %		
ESC %	7.2	7.9	Copper (Cu) mg/kg		
NSC %	10.1	11	Iron (Fe) mg/kg		
ASH %	8.9	9.7	Magnesium (Mg) %		
WSC %	8.0	8.7	Manganese (Mn) mg/kg		
Minerals			Phosphorus (P) %		
CALCIUM (Ca) %	0.98	1.07	Potassium (K) %		
PHOSPHORUS (P) %	0.27	0.29	Sodium (Na) %		
POTASSIUM (K) %	1.92	2.1	Sulfur (S) %		
MAGNESIUM (Mg) %	0.27	0.3	Zinc (Zn) mg/kg		
			Chloride (Cl) mg/kg		
Other Analysis:					
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 #: F19-05707

Account #: 143000 Reviewed by: KEB

List Cost: \$20.00