



CASH SALES

DATE RECEIVED: 7/1/2019
DATE REPORTED: 7/2/2019
LAB NUMBER: F19-03030

GROWER: HAGEN CATTLE
FIELD ID.: ALFALFA 1ST
DESCRIPTION: ALFALFA

GROWER ACCOUNT #:
GROWER SAMPLE ID"

NIR FEED ANALYSIS

	As Received Basis	100% Dry Matter		As Received Basis	100% Dry Matter Basis
MOISTURE %	7.3				
DRY MATTER %	92.7	100			
Protein			TDN % [ADF]	61.6	66.5
CRUDE PROTEIN	17.2	18.6	NEL, MCAL/KG [ADF]	1.3	1.4
DIGESTIBLE PROTEIN	13.2	14.2	NEM, MCAL/KG [ADF]	1.9	2
			NEG, MCAL/KG [ADF]	1.2	1.3
Fiber			METABOLIZABLE ENERGY	2.33	2.51
ACID DET. FIBER %	27.8	30	DIGESTIBLE ENERGY	2.7	2.9
NEUTRAL DET. FIBER %	33.8	36.5	DIGESTIBLE DRY MATTER	60.7	65.5
LIGNIN %	5.6	6	DRY MATTER INTAKE	3.1	3.3
RFV		167	Wet Chemistry Minerals:		
FAT %	1.47	1.59	Boron (B) mg/kg		
STARCH %	3.08	3.32	Calcium (Ca) %		
ESC %	8.3	9	Copper (Cu) mg/kg		
NSC %	12.1	13.1	Iron (Fe) mg/kg		
ASH %	9.5	10.3	Magnesium (Mg) %		
WSC %	9.1	9.8	Manganese (Mn) mg/kg		
Minerals			Phosphorus (P) %		
CALCIUM (Ca) %	1.32	1.42	Potassium (K) %		
PHOSPHORUS (P) %	0.23	0.25	Sodium (Na) %		
POTASSIUM (K) %	1.70	1.83	Sulfur (S) %		
MAGNESIUM (Mg) %	0.37	0.4	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 #: F19-03030

Account #: 143000

Reviewed by: KEB

List Cost: \$20.00