



CASH SALES

DATE RECEIVED: 7/1/2019  
DATE REPORTED: 7/2/2019  
LAB NUMBER: F19-03077

GROWER: HAGEN CATTLE  
FIELD ID.: GRASS  
DESCRIPTION: GRASS

GROWER ACCOUNT #:  
GROWER SAMPLE ID"

NIR FEED ANALYSIS

	As Received Basis	100% Dry Matter		As Received Basis	100% Dry Matter Basis
MOISTURE %	3.1				
DRY MATTER %	96.9	100			
Protein			TDN % [ ADF ]	58.3	60.2
CRUDE PROTEIN	10.7	11	NEL, MCAL/KG [ ADF ]	1.2	1.2
DIGESTIBLE PROTEIN	6.8	7	NEM, MCAL/KG [ ADF ]	1.8	1.9
			NEG, MCAL/KG [ ADF ]	1.1	1.1
Fiber			METABOLIZABLE ENERGY	2.16	2.23
ACID DET. FIBER %	34.9	36	DIGESTIBLE ENERGY	2.6	2.7
NEUTRAL DET. FIBER %	57.3	59.1	DIGESTIBLE DRY MATTER	59.0	60.9
LIGNIN %	4.9	5.1	DRY MATTER INTAKE	1.9	2
RFV		96	Wet Chemistry Minerals:		
FAT %	2.02	2.08	Boron (B) mg/kg		
STARCH %	3.11	3.21	Calcium (Ca) %		
ESC %	7.0	7.2	Copper (Cu) mg/kg		
NSC %	12.6	13	Iron (Fe) mg/kg		
ASH %	7.8	8.1	Magnesium (Mg) %		
WSC %	9.5	9.8	Manganese (Mn) mg/kg		
Minerals			Phosphorus (P) %		
CALCIUM (Ca) %	0.43	0.44	Potassium (K) %		
PHOSPHORUS (P) %	0.21	0.22	Sodium (Na) %		
POTASSIUM (K) %	1.86	1.92	Sulfur (S) %		
MAGNESIUM (Mg) %	0.19	0.2	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 #: F19-03077 Account #: 143000 Reviewed by: KEB List Cost: \$20.00