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Sample Date: 2024-02-12
Sample No.: 003-2402-1367470

To: Steffes Auctioneers
 24400 MN Hwy 22 South
 Litchfield, MN 55355

Account No.: 953 (0)
Sampled By: Steffes Auctioneers
Sampled For: STEFFES

Product: 3962

Test Mode: N8
Feed Type: Hay - Legume
Sub Type: Alfalfa

Moisture	19.56%		
Dry Matter	80.44%		
		Dry Basis	90% Range*
Crude Protein	%DM	19.64	15.4 - 24.0
AD-ICP	%DM	1.45	1.08 - 2.13
ND-ICP w/SS	%DM	3.94	1.63 - 4.06
Protein Sol.	%CP	31.57	27.5 - 47.1
ADF	%DM	30.38	25.5 - 41.8
aNDF	%DM	38.75	31.9 - 51.8
aNDFom	%DM	37.13	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	5.91	5.84 - 9.64
Lignin	%NDFom	15.92	
NDFD 30	%NDFom	42.42	31.3 - 48.1
NDFD240	%NDFom	47.32	41.5 - 61.9
uNDFom30	%DM	21.38	16.5 - 29.5
uNDFom240	%DM	19.56	13.0 - 27.8
Starch	%DM	2.42	0.28 - 3.74
Fat (EE)	%DM	3.08	1.77 - 3.35
TFA (fat)	%DM	1.31	0.81 - 2.33
Ash	%DM	10.92	9.15 - 13.8
Calcium	%DM	1.41	1.19 - 1.84
Phosphorus	%DM	0.31	0.23 - 0.39
Magnesium	%DM	0.40	0.25 - 0.41
Potassium	%DM	1.50	1.83 - 3.36
Sulfur	%DM	0.29	0.17 - 0.33
Chloride	%DM	0.79	0.16 - 1.13
Sugar (ESC)	%DM	8.16	2.71 - 9.16
Sugar (WSC)	%DM	9.72	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.69		
		ADF	OARDC	MLK 2013
TDN	%DM	65.23	61.08	61.40
Nel 3x	Mcal/cwt	67.27	62.57	64.32
Neg	Mcal/cwt	36.22	38.55	39.08
Nem	Mcal/cwt	62.52	65.10	65.69
Milk per ton	lbs/ton			2897

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	19.64
NFC	%DM	33.94
NSC	%DM	12.14
RFV		156.75
RFQ		148.69
NDF kd rate Van Amb	%/hr	3.27