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Sample Date: 2024-05-14
Sample No.: 003-2405-1448109

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

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

Product: 3923

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

Moisture	12.18%		
Dry Matter	87.82%		
		Dry Basis	90% Range*
Crude Protein	%DM	19.86	15.4 - 24.0
AD-ICP	%DM	1.27	1.08 - 2.13
ND-ICP w/SS	%DM	2.85	1.63 - 4.06
Protein Sol.	%CP	36.00	27.5 - 47.1
ADF	%DM	30.98	25.5 - 41.8
aNDF	%DM	38.36	31.9 - 51.8
aNDFom	%DM	36.37	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	6.77	5.84 - 9.64
Lignin	%NDFom	18.61	
NDFD 30	%NDFom	42.10	31.3 - 48.1
NDFD240	%NDFom	47.43	41.5 - 61.9
uNDFom30	%DM	21.06	16.5 - 29.5
uNDFom240	%DM	19.12	13.0 - 27.8
Starch	%DM	2.00	0.28 - 3.74
Fat (EE)	%DM	2.36	1.77 - 3.35
TFA (fat)	%DM	1.10	0.81 - 2.33
Ash	%DM	10.16	9.15 - 13.8
Calcium	%DM	1.49	1.19 - 1.84
Phosphorus	%DM	0.31	0.23 - 0.39
Magnesium	%DM	0.30	0.25 - 0.41
Potassium	%DM	2.82	1.83 - 3.36
Sulfur	%DM	0.21	0.17 - 0.33
Chloride	%DM	0.16	0.16 - 1.13
Sugar (ESC)	%DM	6.02	2.71 - 9.16
Sugar (WSC)	%DM	8.82	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.41		
		ADF	OARDC	MLK 2013
TDN		64.77	60.62	61.59
Nel 3x	Mcal/cwt	66.75	62.05	64.68
Neg	Mcal/cwt	36.47	38.13	39.39
Nem	Mcal/cwt	62.79	64.64	66.03
Milk per ton	lbs/ton			2917

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	19.86
NFC	%DM	34.36
NSC	%DM	10.82
RFV		157.16
RFQ		149.63
NDF kd rate Van Amb	%/hr	3.90