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Sample Date: 2024-05-14
Sample No.: 003-2405-1448114

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

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

Product: 3928

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

Moisture	10.00%		
Dry Matter	90.00%		
		Dry Basis	90% Range*
Crude Protein	%DM	23.07	15.4 - 24.0
AD-ICP	%DM	1.39	1.08 - 2.13
ND-ICP w/SS	%DM	3.65	1.63 - 4.06
Protein Sol.	%CP	35.54	27.5 - 47.1
ADF	%DM	26.47	25.5 - 41.8
aNDF	%DM	33.62	31.9 - 51.8
aNDFom	%DM	31.60	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	5.55	5.84 - 9.64
Lignin	%NDFom	17.56	
NDFD 30	%NDFom	44.40	31.3 - 48.1
NDFD240	%NDFom	49.62	41.5 - 61.9
uNDFom30	%DM	17.57	16.5 - 29.5
uNDFom240	%DM	15.92	13.0 - 27.8
Starch	%DM	1.80	0.28 - 3.74
Fat (EE)	%DM	3.10	1.77 - 3.35
TFA (fat)	%DM	1.58	0.81 - 2.33
Ash	%DM	11.46	9.15 - 13.8
Calcium	%DM	1.39	1.19 - 1.84
Phosphorus	%DM	0.34	0.23 - 0.39
Magnesium	%DM	0.35	0.25 - 0.41
Potassium	%DM	2.87	1.83 - 3.36
Sulfur	%DM	0.32	0.17 - 0.33
Chloride	%DM	0.57	0.16 - 1.13
Sugar (ESC)	%DM	6.76	2.71 - 9.16
Sugar (WSC)	%DM	8.64	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.63		
		ADF	OARDC	MLK 2013
TDN		68.28	63.23	64.49
Nel 3x	Mcal/cwt	70.66	64.96	67.83
Neg	Mcal/cwt	39.67	42.72	44.28
Nem	Mcal/cwt	66.34	69.75	71.49
Milk per ton	lbs/ton			3141

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	23.07
NFC	%DM	34.94
NSC	%DM	10.44
RFV		188.96
RFQ		183.19
NDF kd rate Van Amb	%/hr	3.85