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Sample Date: 2024-04-22
Sample No.: 003-2404-1430651

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

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

Product: 4188

Test Mode: N8
Feed Type: Hay - Mixed
Sub Type: Mixed

Moisture	14.18%		
Dry Matter	85.82%		
		Dry Basis	90% Range*
Crude Protein	%DM	16.47	13.7 - 23.9
AD-ICP	%DM	1.26	1.06 - 2.09
ND-ICP w/SS	%DM	2.98	1.47 - 4.24
Protein Sol.	%CP	38.68	26.1 - 46.1
ADF	%DM	38.10	25.8 - 41.6
aNDF	%DM	51.01	32.3 - 55.6
aNDFom	%DM	49.58	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	7.43	5.44 - 9.38
Lignin	%NDFom	14.99	
NDFD 30	%NDFom	48.49	32.1 - 54.7
NDFD240	%NDFom	55.91	43.0 - 70.7
uNDFom30	%DM	25.54	16.4 - 29.7
uNDFom240	%DM	21.86	12.2 - 28.8
Starch	%DM	0.58	0.29 - 3.75
Fat (EE)	%DM	2.32	1.88 - 3.44
TFA (fat)	%DM	1.04	0.87 - 2.47
Ash	%DM	10.30	8.88 - 13.8
Calcium	%DM	1.37	0.93 - 1.81
Phosphorus	%DM	0.31	0.24 - 0.39
Magnesium	%DM	0.36	0.23 - 0.40
Potassium	%DM	2.22	1.76 - 3.37
Sulfur	%DM	0.23	0.16 - 0.33
Chloride	%DM	0.40	0.13 - 1.12
Sugar (ESC)	%DM	6.67	3.04 - 9.57
Sugar (WSC)	%DM	8.08	3.67 - 10.5

NDF kd rate MIR_P1	%/hr	6.84		
		ADF	OARDC	MLK 2013
TDN		59.22	55.13	57.18
Nel 3x	Mcal/cwt	60.57	55.94	57.69
Neg	Mcal/cwt	29.09	29.51	32.35
Nem	Mcal/cwt	54.71	55.16	58.26
Milk per ton	lbs/ton			2497

*Mixed hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	16.47
NFC	%DM	24.59
NSC	%DM	8.66
RFV		107.88
RFQ		112.22
NDF kd rate Van Amb	%/hr	4.05