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Sample Date: 2024-04-09
Sample No.: 003-2404-1419919

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

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

Product: 4164

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

Moisture	15.29%		
Dry Matter	84.71%		
		Dry Basis	90% Range*
Crude Protein	%DM	21.92	13.7 - 23.9
AD-ICP	%DM	1.65	1.06 - 2.09
ND-ICP w/SS	%DM	3.99	1.47 - 4.24
Protein Sol.	%CP	32.98	26.1 - 46.1
ADF	%DM	32.34	25.8 - 41.6
aNDF	%DM	41.05	32.3 - 55.6
aNDFom	%DM	38.97	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	6.81	5.44 - 9.38
Lignin	%NDFom	17.47	
NDFD 30	%NDFom	45.01	32.1 - 54.7
NDFD240	%NDFom	55.17	43.0 - 70.7
uNDFom30	%DM	21.43	16.4 - 29.7
uNDFom240	%DM	17.47	12.2 - 28.8
Starch	%DM	2.44	0.29 - 3.75
Fat (EE)	%DM	2.50	1.88 - 3.44
TFA (fat)	%DM	1.22	0.87 - 2.47
Ash	%DM	10.55	8.88 - 13.8
Calcium	%DM	1.39	0.93 - 1.81
Phosphorus	%DM	0.30	0.24 - 0.39
Magnesium	%DM	0.28	0.23 - 0.40
Potassium	%DM	2.42	1.76 - 3.37
Sulfur	%DM	0.25	0.16 - 0.33
Chloride	%DM	0.34	0.13 - 1.12
Sugar (ESC)	%DM	7.93	3.04 - 9.57
Sugar (WSC)	%DM	9.29	3.67 - 10.5

NDF kd rate MIR_P1	%/hr	5.73		
		ADF	OARDC	MLK 2013
TDN		63.71	59.44	61.44
Nel 3x	Mcal/cwt	65.57	60.74	64.56
Neg	Mcal/cwt	35.31	37.33	40.02
Nem	Mcal/cwt	61.51	63.75	66.73
Milk per ton	lbs/ton			2908

*Mixed hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	21.92
NFC	%DM	30.33
NSC	%DM	11.73
RFV		144.21
RFQ		143.41
NDF kd rate Van Amb	%/hr	3.98