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Sample Date: 2024-04-09
Sample No.: 003-2404-1419920

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

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

Product: 4165

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

Moisture	14.57%		
Dry Matter	85.43%		
		Dry Basis	90% Range*
Crude Protein	%DM	13.50	13.7 - 23.9
AD-ICP	%DM	1.24	1.06 - 2.09
ND-ICP w/SS	%DM	3.02	1.47 - 4.24
Protein Sol.	%CP	35.41	26.1 - 46.1
ADF	%DM	36.95	25.8 - 41.6
aNDF	%DM	52.35	32.3 - 55.6
aNDFom	%DM	51.00	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	7.36	5.44 - 9.38
Lignin	%NDFom	14.43	
NDFD 30	%NDFom	41.02	32.1 - 54.7
NDFD240	%NDFom	55.10	43.0 - 70.7
uNDFom30	%DM	30.08	16.4 - 29.7
uNDFom240	%DM	22.90	12.2 - 28.8
Starch	%DM	2.78	0.29 - 3.75
Fat (EE)	%DM	2.44	1.88 - 3.44
TFA (fat)	%DM	1.04	0.87 - 2.47
Ash	%DM	8.99	8.88 - 13.8
Calcium	%DM	0.91	0.93 - 1.81
Phosphorus	%DM	0.24	0.24 - 0.39
Magnesium	%DM	0.24	0.23 - 0.40
Potassium	%DM	2.25	1.76 - 3.37
Sulfur	%DM	0.15	0.16 - 0.33
Chloride	%DM	0.30	0.13 - 1.12
Sugar (ESC)	%DM	8.45	3.04 - 9.57
Sugar (WSC)	%DM	9.62	3.67 - 10.5

NDF kd rate MIR_P1	%/hr	4.63		
		ADF	OARDC	MLK 2013
TDN		60.12	56.04	54.35
Nel 3x	Mcal/cwt	61.57	56.95	57.16
Neg	Mcal/cwt	27.49	29.41	27.35
Nem	Mcal/cwt	52.96	55.05	52.81
Milk per ton	lbs/ton			2393

*Mixed hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	13.50
NFC	%DM	27.49
NSC	%DM	12.40
RFV		106.72
RFQ		95.14
NDF kd rate Van Amb	%/hr	2.96