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Sample Date: 2024-04-08
Sample No.: 003-2404-1419174

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

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

Product: 4155

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

Moisture	18.25%		
Dry Matter	81.75%		
		Dry Basis	90% Range*
Crude Protein	%DM	20.28	13.7 - 23.9
AD-ICP	%DM	1.05	1.06 - 2.09
ND-ICP w/SS	%DM	2.70	1.47 - 4.24
Protein Sol.	%CP	41.52	26.1 - 46.1
ADF	%DM	31.10	25.8 - 41.6
aNDF	%DM	40.45	32.3 - 55.6
aNDFom	%DM	38.41	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	5.40	5.44 - 9.38
Lignin	%NDFom	14.06	
NDFD 30	%NDFom	50.92	32.1 - 54.7
NDFD240	%NDFom	57.56	43.0 - 70.7
uNDFom30	%DM	18.85	16.4 - 29.7
uNDFom240	%DM	16.30	12.2 - 28.8
Starch	%DM	0.25	0.29 - 3.75
Fat (EE)	%DM	2.89	1.88 - 3.44
TFA (fat)	%DM	1.34	0.87 - 2.47
Ash	%DM	11.86	8.88 - 13.8
Calcium	%DM	1.42	0.93 - 1.81
Phosphorus	%DM	0.34	0.24 - 0.39
Magnesium	%DM	0.39	0.23 - 0.40
Potassium	%DM	2.20	1.76 - 3.37
Sulfur	%DM	0.31	0.16 - 0.33
Chloride	%DM	0.59	0.13 - 1.12
Sugar (ESC)	%DM	8.82	3.04 - 9.57
Sugar (WSC)	%DM	9.82	3.67 - 10.5

NDF kd rate MIR_P1	%/hr	7.32		
		ADF	OARDC	MLK 2013
TDN		64.67	60.48	62.10
Nel 3x	Mcal/cwt	66.64	61.90	63.53
Neg	Mcal/cwt	35.05	38.25	40.21
Nem	Mcal/cwt	61.23	64.77	66.95
Milk per ton	lbs/ton			2895

*Mixed hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	20.28
NFC	%DM	29.81
NSC	%DM	10.07
RFV		148.89
RFQ		155.79
NDF kd rate Van Amb	%/hr	4.15