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Sample Date: 2024-05-14
Sample No.: 003-2405-1448116

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

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

Product: 3930

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

Moisture	13.11%		
Dry Matter	86.89%		
		Dry Basis	90% Range*
Crude Protein	%DM	15.91	13.7 - 23.9
AD-ICP	%DM	1.51	1.06 - 2.09
ND-ICP w/SS	%DM	3.09	1.47 - 4.24
Protein Sol.	%CP	36.33	26.1 - 46.1
ADF	%DM	38.43	25.8 - 41.6
aNDF	%DM	49.07	32.3 - 55.6
aNDFom	%DM	46.14	29.9 - 53.5
Lignin (Sulfuric Acid)	%DM	7.99	5.44 - 9.38
Lignin	%NDFom	17.32	
NDFD 30	%NDFom	44.21	32.1 - 54.7
NDFD240	%NDFom	54.10	43.0 - 70.7
uNDFom30	%DM	25.74	16.4 - 29.7
uNDFom240	%DM	21.18	12.2 - 28.8
Starch	%DM	1.68	0.29 - 3.75
Fat (EE)	%DM	2.51	1.88 - 3.44
TFA (fat)	%DM	1.11	0.87 - 2.47
Ash	%DM	11.40	8.88 - 13.8
Calcium	%DM	1.05	0.93 - 1.81
Phosphorus	%DM	0.30	0.24 - 0.39
Magnesium	%DM	0.24	0.23 - 0.40
Potassium	%DM	3.13	1.76 - 3.37
Sulfur	%DM	0.16	0.16 - 0.33
Chloride	%DM	0.47	0.13 - 1.12
Sugar (ESC)	%DM	6.47	3.04 - 9.57
Sugar (WSC)	%DM	7.78	3.67 - 10.5

NDF kd rate MIR_P1	%/hr	5.76		
		ADF	OARDC	MLK 2013
TDN		58.96	54.34	56.14
Nel 3x	Mcal/cwt	60.28	55.06	57.98
Neg	Mcal/cwt	29.74	28.07	30.76
Nem	Mcal/cwt	55.41	53.60	56.52
Milk per ton	lbs/ton			2476

*Mixed hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	15.91
NFC	%DM	27.53
NSC	%DM	9.46
RFV		111.98
RFQ		107.52
NDF kd rate Van Amb	%/hr	3.95