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Sample Date: 2024-04-08
Sample No.: 003-2404-1419180

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

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

Product: 4169

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

Moisture	44.14%		
Dry Matter	55.86%		
pH	5.40		
		Dry Basis	90% Range*
Crude Protein	%DM	18.82	15.2 - 24.3
AD-ICP	%DM	1.56	1.04 - 2.47
ND-ICP w/SS	%DM	3.50	1.66 - 4.31
Protein Sol.	%CP	52.50	34.2 - 65.6
ADF	%DM	37.91	27.6 - 41.5
aNDF	%DM	44.31	33.6 - 52.2
aNDFom	%DM	42.89	30.7 - 48.8
Lignin (Sulfuric Acid)	%DM	8.02	5.91 - 10.2
Lignin	%NDFom	18.70	
NDFD 30	%NDFom	46.77	36.3 - 57.9
NDFD240	%NDFom	53.11	45.3 - 70.4
uNDFom30	%DM	22.83	14.6 - 27.8
uNDFom240	%DM	20.11	11.4 - 25.8
Starch	%DM	0.87	0.20 - 3.96
Fat (EE)	%DM	2.40	2.32 - 4.32
TFA (fat)	%DM	1.06	1.02 - 2.92
Ash	%DM	9.41	8.71 - 14.3
Calcium	%DM	1.29	0.85 - 1.55
Phosphorus	%DM	0.35	0.29 - 0.43
Magnesium	%DM	0.34	0.23 - 0.40
Potassium	%DM	2.37	2.05 - 3.51
Sulfur	%DM	0.25	0.18 - 0.33
Chloride	%DM	0.39	0.17 - 1.17
Sugar (ESC)	%DM	4.14	1.11 - 8.06
Sugar (WSC)	%DM	5.23	1.46 - 8.94

NDF kd rate Van Amb	%/hr	4.79		
NDF kd rate MIR_P1	%/hr	7.20		
		ADF	OARDC	MLK 2013
TDN		59.37	57.45	60.87
Nel 3x	Mcal/cwt	60.74	58.52	63.29
Neg	Mcal/cwt	32.12	33.46	38.07
Nem	Mcal/cwt	58.01	59.48	64.56
Milk per ton	lbs/ton			2843

*Mixed haylage statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	18.82
NFC	%DM	30.32
NSC	%DM	6.10
RFV		124.72
RFQ		134.64