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Sample Date: 2024-04-22
Sample No.: 003-2404-1430656

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

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

Product: 3904

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

Moisture	40.21%		
Dry Matter	59.79%		
pH	5.16		
		Dry Basis	90% Range*
Crude Protein	%DM	15.61	15.2 - 24.3
AD-ICP	%DM	1.50	1.04 - 2.47
ND-ICP w/SS	%DM	2.86	1.66 - 4.31
Protein Sol.	%CP	51.12	34.2 - 65.6
ADF	%DM	41.33	27.6 - 41.5
aNDF	%DM	48.24	33.6 - 52.2
aNDFom	%DM	45.76	30.7 - 48.8
Lignin (Sulfuric Acid)	%DM	8.34	5.91 - 10.2
Lignin	%NDFom	18.23	
NDFD 30	%NDFom	41.76	36.3 - 57.9
NDFD240	%NDFom	48.84	45.3 - 70.4
uNDFom30	%DM	26.65	14.6 - 27.8
uNDFom240	%DM	23.41	11.4 - 25.8
Starch	%DM	1.03	0.20 - 3.96
Fat (EE)	%DM	2.39	2.32 - 4.32
TFA (fat)	%DM	1.07	1.02 - 2.92
Ash	%DM	9.61	8.71 - 14.3
Calcium	%DM	1.18	0.85 - 1.55
Phosphorus	%DM	0.32	0.29 - 0.43
Magnesium	%DM	0.32	0.23 - 0.40
Potassium	%DM	2.01	2.05 - 3.51
Sulfur	%DM	0.20	0.18 - 0.33
Chloride	%DM	0.36	0.17 - 1.17
Sugar (ESC)	%DM	3.83	1.11 - 8.06
Sugar (WSC)	%DM	5.38	1.46 - 8.94

NDF kd rate Van Amb	%/hr	3.81		
NDF kd rate MIR_P1	%/hr	6.55		
		ADF	OARDC	MLK 2013
TDN		56.70	55.68	56.90
Nel 3x	Mcal/cwt	57.76	56.55	59.96
Neg	Mcal/cwt	29.30	29.75	31.63
Nem	Mcal/cwt	54.93	55.42	57.48
Milk per ton	lbs/ton			2581

*Mixed haylage statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	15.61
NFC	%DM	29.81
NSC	%DM	6.41
RFV		109.44
RFQ		108.02