Dairyland Laboratories
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Sample Date: 2024-04-08
Sample No.: 003-2404-1419182

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

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

Product: 4171

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

Moisture	39.87%
Dry Matter	60.13%
pH	5.34

		Dry Basis	90% Range*
Crude Protein	%DM	17.15	15.2 - 24.3
AD-ICP	%DM	1.58	1.04 - 2.47
ND-ICP w/SS	%DM	3.30	1.66 - 4.31
Protein Sol.	%CP	49.21	34.2 - 65.6
ADF	%DM	39.96	27.6 - 41.5
aNDF	%DM	46.90	33.6 - 52.2
aNDFom	%DM	44.63	30.7 - 48.8
Lignin (Sulfuric Acid)	%DM	8.25	5.91 - 10.2
Lignin	%NDFom	18.49	
NDFD 30	%NDFom	42.62	36.3 - 57.9
NDFD240	%NDFom	49.32	45.3 - 70.4
uNDFom30	%DM	25.61	14.6 - 27.8
uNDFom240	%DM	22.62	11.4 - 25.8
Starch	%DM	0.33	0.20 - 3.96
Fat (EE)	%DM	2.31	2.32 - 4.32
TFA (fat)	%DM	0.98	1.02 - 2.92
Ash	%DM	10.57	8.71 - 14.3
Calcium	%DM	1.33	0.85 - 1.55
Phosphorus	%DM	0.34	0.29 - 0.43
Magnesium	%DM	0.34	0.23 - 0.40
Potassium	%DM	2.12	2.05 - 3.51
Sulfur	%DM	0.24	0.18 - 0.33
Chloride	%DM	0.29	0.17 - 1.17
Sugar (ESC)	%DM	4.00	1.11 - 8.06
Sugar (WSC)	%DM	5.72	1.46 - 8.94

*Mixed haylage statistics provided for comparison.

NDF kd rate Van Amb	%/hr	3.97
NDF kd rate MIR_P1	%/hr	6.77

		ADF	OARDC	MLK 2013
TDN		57.77	55.22	57.01
Nel 3x	Mcal/cwt	58.96	56.04	59.69
Neg	Mcal/cwt	30.42	29.77	32.40
Nem	Mcal/cwt	56.15	55.44	58.32
Milk per ton	lbs/ton			2572

Calculations

Adjusted Crude Protein	%DM	17.15
NFC	%DM	28.97
NSC	%DM	6.05
RFV		114.64
RFQ		113.04