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Sample Date: 2024-05-14
Sample No.: 003-2405-1448113

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

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

Product: 3927

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

Moisture	10.00%		
Dry Matter	90.00%		
		Dry Basis	90% Range*
Crude Protein	%DM	11.42	4.95 - 16.5
AD-ICP	%DM	0.83	0.62 - 1.79
ND-ICP w/SS	%DM	3.59	1.29 - 4.68
Protein Sol.	%CP	31.17	8.61 - 48.9
ADF	%DM	38.64	31.8 - 50.2
aNDF	%DM	59.84	48.2 - 72.7
aNDFom	%DM	57.52	43.0 - 68.9
Lignin (Sulfuric Acid)	%DM	4.75	3.94 - 9.40
Lignin	%NDFom	8.26	
NDFD 30	%NDFom	55.08	36.2 - 65.5
NDFD240	%NDFom	71.87	52.4 - 80.6
uNDFom30	%DM	25.84	14.7 - 40.9
uNDFom240	%DM	16.18	10.3 - 30.4
Starch	%DM	0.75	0.25 - 7.32
Fat (EE)	%DM	2.92	1.58 - 3.71
TFA (fat)	%DM	1.20	0.49 - 2.17
Ash	%DM	8.93	6.12 - 13.0
Calcium	%DM	0.44	0.25 - 1.15
Phosphorus	%DM	0.29	0.11 - 0.35
Magnesium	%DM	0.21	0.12 - 0.33
Potassium	%DM	2.75	0.69 - 3.03
Sulfur	%DM	0.20	0.07 - 0.25
Chloride	%DM	0.62	0.07 - 0.89
Sugar (ESC)	%DM	6.54	2.16 - 10.4
Sugar (WSC)	%DM	8.72	3.29 - 12.9

NDF kd rate MIR_P1	%/hr	4.93		
		ADF	OARDC	MLK 2013
TDN		58.80	58.72	56.85
Nel 3x	Mcal/cwt	60.10	59.94	61.95
Neg	Mcal/cwt	27.26	32.26	29.85
Nem	Mcal/cwt	52.72	58.17	55.53
Milk per ton	lbs/ton			2750

*Mixed grass hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	11.42
NFC	%DM	23.52
NSC	%DM	9.47
RFV		91.62
RFQ		132.81
NDF kd rate Van Amb	%/hr	3.51