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Sample Date: 2024-05-14
Sample No.: 003-2405-1448115

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

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

Product: 3929

Test Mode: N8
Feed Type: Hay - Legume
Sub Type: Alfalfa

Moisture	17.68%		
Dry Matter	82.32%		
		Dry Basis	90% Range*
Crude Protein	%DM	18.61	15.4 - 24.0
AD-ICP	%DM	1.33	1.08 - 2.13
ND-ICP w/SS	%DM	3.03	1.63 - 4.06
Protein Sol.	%CP	29.50	27.5 - 47.1
ADF	%DM	35.17	25.5 - 41.8
aNDF	%DM	43.35	31.9 - 51.8
aNDFom	%DM	41.27	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	7.46	5.84 - 9.64
Lignin	%NDFom	18.08	
NDFD 30	%NDFom	37.05	31.3 - 48.1
NDFD240	%NDFom	43.08	41.5 - 61.9
uNDFom30	%DM	25.98	16.5 - 29.5
uNDFom240	%DM	23.49	13.0 - 27.8
Starch	%DM	2.79	0.28 - 3.74
Fat (EE)	%DM	2.23	1.77 - 3.35
TFA (fat)	%DM	1.00	0.81 - 2.33
Ash	%DM	10.36	9.15 - 13.8
Calcium	%DM	1.30	1.19 - 1.84
Phosphorus	%DM	0.31	0.23 - 0.39
Magnesium	%DM	0.30	0.25 - 0.41
Potassium	%DM	2.87	1.83 - 3.36
Sulfur	%DM	0.24	0.17 - 0.33
Chloride	%DM	0.37	0.16 - 1.13
Sugar (ESC)	%DM	5.06	2.71 - 9.16
Sugar (WSC)	%DM	7.40	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	6.66		
		ADF	OARDC	MLK 2013
TDN		61.50	57.76	56.76
Nel 3x	Mcal/cwt	63.11	58.87	60.09
Neg	Mcal/cwt	33.85	33.88	32.68
Nem	Mcal/cwt	59.91	59.94	58.62
Milk per ton	lbs/ton			2572

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	18.61
NFC	%DM	30.79
NSC	%DM	10.19
RFV		132.06
RFQ		114.73
NDF kd rate Van Amb	%/hr	3.06