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Sample Date: 2024-05-14
Sample No.: 003-2405-1448103

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

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

Product: 3917

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

Moisture	11.02%		
Dry Matter	88.98%		
		Dry Basis	90% Range*
Crude Protein	%DM	21.07	15.4 - 24.0
AD-ICP	%DM	1.22	1.08 - 2.13
ND-ICP w/SS	%DM	3.34	1.63 - 4.06
Protein Sol.	%CP	37.07	27.5 - 47.1
ADF	%DM	29.30	25.5 - 41.8
aNDF	%DM	37.66	31.9 - 51.8
aNDFom	%DM	36.37	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	5.99	5.84 - 9.64
Lignin	%NDFom	16.47	
NDFD 30	%NDFom	46.05	31.3 - 48.1
NDFD240	%NDFom	51.20	41.5 - 61.9
uNDFom30	%DM	19.62	16.5 - 29.5
uNDFom240	%DM	17.75	13.0 - 27.8
Starch	%DM	1.16	0.28 - 3.74
Fat (EE)	%DM	2.88	1.77 - 3.35
TFA (fat)	%DM	1.51	0.81 - 2.33
Ash	%DM	10.75	9.15 - 13.8
Calcium	%DM	1.27	1.19 - 1.84
Phosphorus	%DM	0.34	0.23 - 0.39
Magnesium	%DM	0.33	0.25 - 0.41
Potassium	%DM	3.15	1.83 - 3.36
Sulfur	%DM	0.30	0.17 - 0.33
Chloride	%DM	0.63	0.16 - 1.13
Sugar (ESC)	%DM	6.38	2.71 - 9.16
Sugar (WSC)	%DM	8.61	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.79		
		ADF	OARDC	MLK 2013
TDN		66.08	61.72	63.02
Nel 3x	Mcal/cwt	68.21	63.28	65.40
Neg	Mcal/cwt	37.18	40.08	41.68
Nem	Mcal/cwt	63.58	66.80	68.58
Milk per ton	lbs/ton			2999

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	21.07
NFC	%DM	32.64
NSC	%DM	9.77
RFV		163.41
RFQ		162.90
NDF kd rate Van Amb	%/hr	3.93