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Sample Date: 2024-05-14
Sample No.: 003-2405-1448108

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

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

Product: 3922

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

Moisture	14.17%		
Dry Matter	85.83%		
		Dry Basis	90% Range*
Crude Protein	%DM	21.59	15.4 - 24.0
AD-ICP	%DM	1.57	1.08 - 2.13
ND-ICP w/SS	%DM	3.52	1.63 - 4.06
Protein Sol.	%CP	33.16	27.5 - 47.1
ADF	%DM	31.73	25.5 - 41.8
aNDF	%DM	38.70	31.9 - 51.8
aNDFom	%DM	34.52	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	6.44	5.84 - 9.64
Lignin	%NDFom	18.66	
NDFD 30	%NDFom	41.08	31.3 - 48.1
NDFD240	%NDFom	46.12	41.5 - 61.9
uNDFom30	%DM	20.34	16.5 - 29.5
uNDFom240	%DM	18.60	13.0 - 27.8
Starch	%DM	1.89	0.28 - 3.74
Fat (EE)	%DM	3.06	1.77 - 3.35
TFA (fat)	%DM	1.41	0.81 - 2.33
Ash	%DM	12.98	9.15 - 13.8
Calcium	%DM	1.17	1.19 - 1.84
Phosphorus	%DM	0.37	0.23 - 0.39
Magnesium	%DM	0.28	0.25 - 0.41
Potassium	%DM	3.08	1.83 - 3.36
Sulfur	%DM	0.26	0.17 - 0.33
Chloride	%DM	0.59	0.16 - 1.13
Sugar (ESC)	%DM	6.37	2.71 - 9.16
Sugar (WSC)	%DM	7.56	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.50		
		ADF	OARDC	MLK 2013
TDN		64.18	59.20	60.21
Nel 3x	Mcal/cwt	66.10	60.47	63.03
Neg	Mcal/cwt	36.89	36.94	38.35
Nem	Mcal/cwt	63.26	63.31	64.87
Milk per ton	lbs/ton			2801

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	21.59
NFC	%DM	32.02
NSC	%DM	9.45
RFV		154.23
RFQ		140.72
NDF kd rate Van Amb	%/hr	3.65