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Sample Date: 2024-04-22
Sample No.: 003-2404-1430653

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

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

Product: 3908

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

Moisture	10.73%		
Dry Matter	89.27%		
		Dry Basis	90% Range*
Crude Protein	%DM	19.30	15.4 - 24.0
AD-ICP	%DM	1.51	1.08 - 2.13
ND-ICP w/SS	%DM	3.49	1.63 - 4.06
Protein Sol.	%CP	36.27	27.5 - 47.1
ADF	%DM	30.03	25.5 - 41.8
aNDF	%DM	37.19	31.9 - 51.8
aNDFom	%DM	35.42	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	6.78	5.84 - 9.64
Lignin	%NDFom	19.14	
NDFD 30	%NDFom	39.72	31.3 - 48.1
NDFD240	%NDFom	45.60	41.5 - 61.9
uNDFom30	%DM	21.35	16.5 - 29.5
uNDFom240	%DM	19.27	13.0 - 27.8
Starch	%DM	1.69	0.28 - 3.74
Fat (EE)	%DM	2.47	1.77 - 3.35
TFA (fat)	%DM	1.24	0.81 - 2.33
Ash	%DM	11.67	9.15 - 13.8
Calcium	%DM	1.94	1.19 - 1.84
Phosphorus	%DM	0.26	0.23 - 0.39
Magnesium	%DM	0.52	0.25 - 0.41
Potassium	%DM	1.33	1.83 - 3.36
Sulfur	%DM	0.29	0.17 - 0.33
Chloride	%DM	0.39	0.16 - 1.13
Sugar (ESC)	%DM	7.98	2.71 - 9.16
Sugar (WSC)	%DM	10.85	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	6.95		
		ADF	OARDC	MLK 2013
TDN		65.51	59.59	60.44
Nel 3x	Mcal/cwt	67.58	60.91	63.78
Neg	Mcal/cwt	36.80	36.47	37.72
Nem	Mcal/cwt	63.16	62.80	64.19
Milk per ton	lbs/ton			2836

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	19.30
NFC	%DM	34.86
NSC	%DM	12.54
RFV		164.03
RFQ		148.43
NDF kd rate Van Amb	%/hr	3.56