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Sample Date: 2024-04-09
Sample No.: 003-2404-1419924

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

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

Product: 4175

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

Moisture	11.03%		
Dry Matter	88.97%		
		Dry Basis	90% Range*
Crude Protein	%DM	18.03	15.4 - 24.0
AD-ICP	%DM	1.34	1.08 - 2.13
ND-ICP w/SS	%DM	3.20	1.63 - 4.06
Protein Sol.	%CP	31.78	27.5 - 47.1
ADF	%DM	30.50	25.5 - 41.8
aNDF	%DM	39.35	31.9 - 51.8
aNDFom	%DM	37.51	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	6.77	5.84 - 9.64
Lignin	%NDFom	18.05	
NDFD 30	%NDFom	40.87	31.3 - 48.1
NDFD240	%NDFom	46.36	41.5 - 61.9
uNDFom30	%DM	22.18	16.5 - 29.5
uNDFom240	%DM	20.12	13.0 - 27.8
Starch	%DM	3.64	0.28 - 3.74
Fat (EE)	%DM	2.45	1.77 - 3.35
TFA (fat)	%DM	1.25	0.81 - 2.33
Ash	%DM	10.10	9.15 - 13.8
Calcium	%DM	1.42	1.19 - 1.84
Phosphorus	%DM	0.29	0.23 - 0.39
Magnesium	%DM	0.33	0.25 - 0.41
Potassium	%DM	2.53	1.83 - 3.36
Sulfur	%DM	0.23	0.17 - 0.33
Chloride	%DM	0.23	0.16 - 1.13
Sugar (ESC)	%DM	6.31	2.71 - 9.16
Sugar (WSC)	%DM	9.44	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.23		
		ADF	OARDC	MLK 2013
TDN		65.14	60.48	61.06
Nel 3x	Mcal/cwt	67.17	61.90	64.38
Neg	Mcal/cwt	35.42	37.15	38.01
Nem	Mcal/cwt	61.64	63.55	64.50
Milk per ton	lbs/ton			2886

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	18.03
NFC	%DM	35.31
NSC	%DM	13.08
RFV		154.01
RFQ		143.09
NDF kd rate Van Amb	%/hr	3.54