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Sample Date: 2024-04-09
Sample No.: 003-2404-1420098

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

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

Product: 7673

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

Moisture	13.15%		
Dry Matter	86.85%		
		Dry Basis	90% Range*
Crude Protein	%DM	19.58	15.4 - 24.0
AD-ICP	%DM	1.50	1.08 - 2.13
ND-ICP w/SS	%DM	3.43	1.63 - 4.06
Protein Sol.	%CP	36.11	27.5 - 47.1
ADF	%DM	37.92	25.5 - 41.8
aNDF	%DM	48.61	31.9 - 51.8
aNDFom	%DM	46.87	29.3 - 48.5
Lignin (Sulfuric Acid)	%DM	8.17	5.84 - 9.64
Lignin	%NDFom	17.43	
NDFD 30	%NDFom	43.87	31.3 - 48.1
NDFD240	%NDFom	49.09	41.5 - 61.9
uNDFom30	%DM	26.31	16.5 - 29.5
uNDFom240	%DM	23.86	13.0 - 27.8
Starch	%DM	1.83	0.28 - 3.74
Fat (EE)	%DM	2.03	1.77 - 3.35
TFA (fat)	%DM	1.02	0.81 - 2.33
Ash	%DM	10.96	9.15 - 13.8
Calcium	%DM	1.20	1.19 - 1.84
Phosphorus	%DM	0.36	0.23 - 0.39
Magnesium	%DM	0.28	0.25 - 0.41
Potassium	%DM	3.02	1.83 - 3.36
Sulfur	%DM	0.22	0.17 - 0.33
Chloride	%DM	0.34	0.16 - 1.13
Sugar (ESC)	%DM	2.86	2.71 - 9.16
Sugar (WSC)	%DM	4.73	3.32 - 10.2

NDF kd rate MIR_P1	%/hr	7.59		
		ADF	OARDC	MLK 2013
TDN		59.36	54.38	55.92
Nel 3x	Mcal/cwt	60.73	55.11	56.63
Neg	Mcal/cwt	31.91	29.76	31.97
Nem	Mcal/cwt	57.78	55.43	57.84
Milk per ton	lbs/ton			2414

*Alfalfa hay statistics provided for comparison.

Calculations

Adjusted Crude Protein	%DM	19.58
NFC	%DM	24.00
NSC	%DM	6.56
RFV		113.66
RFQ		108.80
NDF kd rate Van Amb	%/hr	3.90