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Sample Date: 2025-03-10
Sample No.: 001-2503-1848443

Test Mode: N8
Feed Type: Haylage - Mixed
Sub Type: Mixed

Product: #5585 Alfalfa Baylage
Description2 New Seeding

Moisture	42.02%		
Dry Matter	57.98%		
pH	5.22		
		Dry Basis	90% Range*
Crude Protein	%DM	16.44	15.2 - 24.3
AD-ICP	%DM	1.21	1.04 - 2.47
ND-ICP w/SS	%DM	3.10	1.66 - 4.31
Protein Sol.	%CP	48.54	34.2 - 65.6
ADF	%DM	29.68	27.6 - 41.5
aNDF	%DM	40.82	34.1 - 56.4
aNDFom	%DM	38.63	32.4 - 53.8
Lignin (Sulfuric Acid)	%DM	4.89	5.91 - 10.2
Lignin	%NDFom	12.66	
NDFD 30	%NDFom	56.30	36.3 - 65.5
NDFD240	%NDFom	63.45	45.3 - 76.8
uNDFom30	%DM	16.88	13.3 - 27.8
uNDFom240	%DM	14.12	9.81 - 25.8
Starch	%DM	1.21	0.20 - 3.96
Fat (EE)	%DM	2.60	2.32 - 4.32
TFA (fat)	%DM	1.10	1.02 - 2.92
Ash	%DM	11.01	8.71 - 14.3
Calcium	%DM	1.51	0.85 - 1.55
Phosphorus	%DM	0.41	0.29 - 0.43
Magnesium	%DM	0.52	0.23 - 0.40
Potassium	%DM	4.36	2.05 - 3.51
Sulfur	%DM	0.25	0.18 - 0.33
Chloride	%DM	0.35	0.17 - 1.17
Sugar (ESC)	%DM	3.74	1.11 - 8.06
Sugar (WSC)	%DM	7.41	1.46 - 8.94

*Mixed haylage statistics provided for comparison.

NDF kd rate Van Amb	%/hr	4.60		
NDF kd rate MIR_P1	%/hr	7.40		
		ADF	OARDC	MLK 2013
TDN		65.78	61.53	64.82
Nel 3x	Mcal/cwt	67.88	63.07	65.45
Neg	Mcal/cwt	32.94	37.87	42.11
Nem	Mcal/cwt	58.91	64.34	69.07
Milk per ton	lbs/ton			3063

Calculations

Adjusted Crude Protein	%DM	16.44
NFC	%DM	34.92
NSC	%DM	8.62
RFV		149.92
RFQ		169.11