

Account No.: 107030 (0)
Sampled By: James Davis
Sampled For: James Davis
Description1: 2nd cutting Orchard Grass
Description2: and timothy grass hay

Test Package: Nitrates|Select
Feed Type: Hay - Grass
Sub Type: Mixed grass hay

Moisture	15.53%		
Dry Matter	84.47%		
		Dry Basis	90% Range*
CP	%DM	13.09	4.95 - 16.48
ADICP	% CP	7.64	5.83 - 23.42
NDICPss	% CP	21.47	
SCP	% CP	35.60	8.61 - 48.90
Nitrate-N	ppm	ND	
ADF	%DM	35.86	31.75 - 50.23
aNDF	%DM	57.21	53.68 - 70.72
aNDFom	%DM	53.78	51.30 - 67.40
Lignin	% NDFom	7.46	
Lignin	%DM	4.01	3.94 - 9.40
NDFDom30	% NDFom	57.70	39.78 - 61.40
NDFDom240	% NDFom	74.73	59.92 - 76.36
uNDFom30	%DM	22.75	21.58 - 39.33
uNDFom240	%DM	13.59	13.25 - 26.01
Sugar (ESC)	%DM	6.03	2.16 - 10.37
Sugar (WSC)	%DM	8.42	3.29 - 12.93
Starch	%DM	0.26	0.25 - 7.32
Fat (EE)	%DM	3.68	1.58 - 3.71
Total fatty acids	%DM	1.44	0.49 - 2.17
Ash	%DM	10.53	6.12 - 13.03
Ca	%DM	0.66	0.25 - 1.15
P	%DM	0.28	0.11 - 0.35
Mg	%DM	0.31	0.12 - 0.33
K	%DM	2.12	0.69 - 3.03
S	%DM	0.24	0.07 - 0.25
Cl	%DM	0.72	0.07 - 0.89

Mixed grass hay statistics provided for comparison.

		ADF	OARDC	MLK13
TDN 1x		60.97	59.35	58.11
Nel 3x	Mcal/cwt	62.52	60.51	62.13
Neg	Mcal/cwt	28.89	33.76	32.24
Nem	Mcal/cwt	54.49	59.81	58.14
Milk per ton	lbs/ton			2,785

Bold measurements were run by chemistry.

Calculations

NFC	%DM	22.97
RFV		99.13
RFQ		112.56
NDF kd rate MIR_P1	%/hr	5.01
Adjusted Crude Protein	%DM	13.09

*ND = Not Detected