



To: Dynamite Hill Farm
16615 Dynamite Hill Rd
L'Anse, MI 49946

Account No.: 16152 (0)
Sampled By: Dynamite Hill Farm
Sampled For: DYNAMITE HILL FARM

Product: East Field Second Cutting
Lot Name:

Test Mode: N3
Feed Type: Hay - Legume
Sub Type: Alfalfa

Moisture	18.75%		
Dry Matter	81.25%		
		Dry Basis	90% Range*
Crude Protein	%DM	21.55	15.4 - 24.0
AD-ICP	%CP	3.67	5.24 - 11.5
ND-ICP w/SS	%CP	14.01	
Protein Sol.	%CP	35.73	27.5 - 47.1
Total Amino Acids	%DM	18.05	11.2 - 20.2
Total Amino Acids	%CP	83.76	66.4 - 89.8
Lysine	%CP	4.78	3.61 - 5.16
Methionine	%CP	2.00	1.42 - 2.11
Isoleucine	%CP	3.39	2.48 - 3.77
Leucine	%CP	6.91	4.88 - 7.39
Histidine	%CP	1.81	1.43 - 1.88
ADF	%DM	24.74	25.5 - 41.8
aNDF	%DM	31.08	31.9 - 51.8
aNDFom	%DM	29.80	29.3 - 48.5
Lignin	%NDFom	13.99	
Lignin (Sulfuric Acid)	%DM	4.17	5.84 - 9.64
NDFD12	%NDFom	42.65	28.9 - 47.1
NDFD 30	%NDFom	51.17	31.3 - 48.1
NDFD 120	%NDFom	56.44	39.9 - 58.2
NDFD240	%NDFom	57.89	41.5 - 61.9
uNDFom12	%DM	17.09	16.6 - 30.2
uNDFom30	%DM	14.55	16.5 - 29.5
uNDFom120	%DM	12.98	13.7 - 26.4
uNDFom240	%DM	12.55	13.0 - 27.8
Sugar (ESC)	%DM	8.65	2.71 - 9.16
Sugar (WSC)	%DM	11.57	3.32 - 10.2
Starch	%DM	4.22	0.28 - 3.74
Fat (EE)	%DM	3.32	1.77 - 3.35
TFA (fat)	%DM	1.91	0.81 - 2.33
16:0 Palmitic	%TFA	20.42	23.6 - 41.7
18:0 Stearic	%TFA	4.19	4.46 - 8.70
18:1 Oleic	%TFA	4.71	3.42 - 11.5
18:2 Linoleic	%TFA	17.28	12.5 - 22.7
18:3 Linolenic	%TFA	51.31	20.0 - 47.4

Ash	%DM	8.93	9.15 - 13.8
Calcium	%DM	1.33	1.19 - 1.84
Phosphorus	%DM	0.32	0.23 - 0.39
Magnesium	%DM	0.42	0.25 - 0.41
Potassium	%DM	2.35	1.83 - 3.36
Sulfur	%DM	0.33	0.17 - 0.33
Chloride	%DM	0.39	0.16 - 1.13

*Alfalfa hay statistics provided for comparison.

Calculations

NFC	%DM	39.83		
NSC	%DM	15.79		
RFV		208.35		
RFQ		227.22		
NDF kd rate MIR_P1	%/hr	7.67		
Adjusted Crude Protein	%DM	21.55		
		ADF	OARDC	MLK 2013
TDN		69.63	68.87	69.88
Nel 3x	Mcal/cwt	72.17	71.24	73.42
Neg	Mcal/cwt	40.37	49.25	50.21
Nem	Mcal/cwt	67.12	77.10	78.20
Milk per ton	lbs/ton			3560