



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: mulch hay power dam

Test Mode: N3
Feed Type: Hay - Grass
Sub Type: Mixed

Description2 field grass

Moisture	6.61%		
Dry Matter	93.39%		
		Dry Basis	90% Range*
Crude Protein	%DM	10.02	4.95 - 16.5
AD-ICP	%CP	11.38	5.83 - 23.4
ND-ICP w/SS	%CP	51.20	
Protein Sol.	%CP	24.75	8.61 - 48.9
Total Amino Acids	%DM	7.15	2.58 - 15.2
Total Amino Acids	%CP	71.36	45.0 - 80.7
Lysine	%CP	3.59	2.37 - 4.60
Methionine	%CP	1.30	0.65 - 1.72
Isoleucine	%CP	3.39	2.08 - 3.75
Leucine	%CP	6.79	4.58 - 7.86
Histidine	%CP	1.40	1.02 - 1.71
ADF	%DM	37.79	31.8 - 50.2
aNDF	%DM	58.68	48.2 - 72.7
aNDFom	%DM	56.50	43.0 - 68.9
Lignin	%NDFom	9.20	
Lignin (Sulfuric Acid)	%DM	5.20	3.94 - 9.40
NDFD12	%NDFom	17.22	21.4 - 45.1
NDFD 30	%NDFom	39.52	36.2 - 65.5
NDFD 120	%NDFom	56.35	49.4 - 81.3
NDFD240	%NDFom	61.17	52.4 - 80.6
uNDFom12	%DM	46.77	24.8 - 48.5
uNDFom30	%DM	34.17	14.7 - 40.9
uNDFom120	%DM	24.66	8.46 - 32.8
uNDFom240	%DM	21.94	10.3 - 30.4
Sugar (ESC)	%DM	7.62	2.16 - 10.4
Sugar (WSC)	%DM	9.23	3.29 - 12.9
Starch	%DM	0.90	0.25 - 7.32
Fat (EE)	%DM	3.07	1.58 - 3.71
TFA (fat)	%DM	1.27	0.49 - 2.17
16:0 Palmitic	%TFA	18.90	18.1 - 36.8
18:0 Stearic	%TFA	4.72	3.37 - 10.8
18:1 Oleic	%TFA	9.45	4.24 - 26.6
18:2 Linoleic	%TFA	15.75	3.64 - 26.4
18:3 Linolenic	%TFA	49.61	8.75 - 59.7

Ash	%DM	5.80	6.12 - 13.0
Calcium	%DM	0.50	0.25 - 1.15
Phosphorus	%DM	0.21	0.11 - 0.35
Magnesium	%DM	0.25	0.12 - 0.33
Potassium	%DM	1.27	0.69 - 3.03
Sulfur	%DM	0.18	0.07 - 0.25
Chloride	%DM	0.57	0.07 - 0.89

*Mixed grass hay statistics provided for comparison.

Calculations

NFC	%DM	30.54		
NSC	%DM	10.13		
RFV		94.03		
RFQ		125.84		
NDF kd rate MIR_P1	%/hr	3.81		
Adjusted Crude Protein	%DM	9.80		
		ADF	OARDC	MLK 2013
TDN		59.46	61.55	53.85
Nel 3x	Mcal/cwt	60.84	63.09	64.53
Neg	Mcal/cwt	27.27	35.21	25.21
Nem	Mcal/cwt	52.72	61.41	50.49
Milk per ton	lbs/ton			2756