



To: Worlds Forage Superbowl
1111 Lawrence Drive
PO Box 7058
De Pere, WI 54115

Account No.: 3795 (0)
Sampled By: Worlds Forage Superb
Sampled For: STEFAN HAY COMPANY

Product: BARENBRUG
Description2: 2ND CUT

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

Moisture 10.54%
Dry Matter 89.46%

Mixed grass hay statistics provided for comparison.

		<u>Dry Basis</u>	<u>Median</u>	<u>90% Range</u>
Crude Protein	%DM	21.38	9.38	4.95 - 16.48
AD-ICP % of CP	%CP	3.37	12.02	5.83 - 23.42
ND-ICP w/SS	%CP	21.42		
Protein Sol.	%CP	26.75	26.07	8.61 - 48.90
ADF	%DM	27.14	40.44	31.75 - 50.23
aNDF	%DM	46.29	60.92	48.19 - 72.71
aNDFom	%DM	44.55	57.38	43.04 - 68.85
Lignin	%NDFom	5.66		
NDFD12	%NDFom	41.08	30.40	21.40 - 45.10
NDFD 30	%NDFom	62.38	49.20	36.20 - 65.52
NDFD 120	%NDFom	74.48	63.17	49.44 - 81.34
NDFD240	%NDFom	77.62	66.50	52.42 - 80.59
uNDFom12	%DM	26.25	38.70	24.80 - 48.50
uNDFom30	%DM	16.76	28.34	14.70 - 40.90
uNDFom120	%DM	11.37	20.89	8.46 - 32.77
uNDFom240	%DM	9.97	19.99	10.26 - 30.38
Sugar (ESC)	%DM	8.99	6.34	2.16 - 10.37
Sugar (WSC)	%DM	11.34	8.25	3.29 - 12.93
Starch	%DM	0.83	1.81	0.25 - 7.32
Fat (EE)	%DM	3.72	2.57	1.58 - 3.71
TFA (fat)	%DM	1.67	1.19	0.49 - 2.17
16:0 Palmitic	%TFA	24.55	24.05	18.05 - 36.79
18:0 Stearic	%TFA	4.79	6.16	3.37 - 10.76
18:1 Oleic	%TFA	4.19	8.70	4.24 - 26.61
18:2 Linoleic	%TFA	9.58	12.66	3.64 - 26.39
18:3 Linolenic	%TFA	55.09	47.06	8.75 - 59.69
Ash	%DM	9.58	9.35	6.12 - 13.03
Calcium	%DM	0.63	0.61	0.25 - 1.15
Phosphorus	%DM	0.37	0.22	0.11 - 0.35
Magnesium	%DM	0.32	0.20	0.12 - 0.33
Potassium	%DM	3.07	1.82	0.69 - 3.03
Sulfur	%DM	0.38	0.14	0.07 - 0.25

Calculations

NFC %DM 26.40
NSC %DM 12.17
RFV 136.05



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RFQ		171.44
NDF kd rate MIR_P1	%/hr	5.84
Adjusted Crude Protein	%DM	21.38

		<u>ADF</u>	<u>OARDC</u>	<u>MLK 2013</u>
TDN	%DM	67.76	66.69	65.53
Nel 3x	Mcal/cwt	70.08	68.81	69.94
Neg	Mcal/cwt	36.09	46.58	44.91
Nem	Mcal/cwt	62.37	74.08	72.20
Milk per ton	lb/ton DM			3329