

FEED AND FORAGE REPORT

DAIRYLAND LABORATORIES, INC.

Arcadia, WI 54612
 Telephone 608-323-2123

Report date: 11/ 8/2016
 Sample number: 001-1611-209370

TO: Central Analytical Laboratori
 92 Koranna Avenue
 Doringkloof Centurion 0157
 South Africa ,

ACCOUNT # 2547 (0)
 SAMPLED BY: Central Analytical L
 SAMPLED FOR: G4879

PRODUCT: green chop (7 - N5 XX)

Moisture % 11.84%
 Dry Matter % 88.16%
 pH 4.13

		Dry Basis	Average	Normal Range
Crude Protein	%DM	13.59%	13.32	6.28 - 20.36
Adjusted Crude Protein	%DM	12.87%		
AD-ICP	%DM	1.81%	1.11	0.39 - 1.83
ND-ICP w/ SS	%DM	3.42%	1.79	0.45 - 3.64
Protein Sol.	%CP	31.94%	51.37	25.63 - 77.11
Ammonia CP	%DM	2.18%		
Ammonia CP	%SP	50.23%		
ADF	%DM	35.47%	37.98	28.02 - 47.94
aNDF	%DM	42.81%	53.07	39.75 - 66.39
aNDFom	%DM	39.80%	51.68	39.29 - 63.02
NDR	%DM	46.23%		
Lignin (Sulfuric Acid)	%DM	9.30%	5.81	3.11 - 8.51
Lignin	%NDF	23.37%		
NDFD 24	%NDF	13.64%	50.33	28.18 - 68.48
uNDFom24	%DM	34.37%	26.50	13.90 - 39.10
NDFD 30	%NDF	16.73%	53.00	31.00 - 75.00
uNDFom30	%DM	33.14%	25.10	11.70 - 38.60
NDFD 240	%NDF	39.95%	67.90	47.80 - 87.90
uNDFom240	%DM	23.90%	17.60	7.30 - 28.00
Lignin input (uNDF/2.4)	%DM	9.96%		
Sugar (ESC)	%DM	2.67%	2.48	0.01 - 5.02
Sugar (WSC)	%DM	3.49%	3.86	1.22 - 6.58
Silage Acids	%DM	1.91%	0.00	-
Starch	%DM	9.34%	3.80	0.10 - 15.10
Fat (EE)	%DM	5.48%	3.36	1.76 - 4.96
Total Fatty Acid (TFA)	%DM	2.55%	1.92	0.15 - 3.69
Ash	%DM	5.99%	10.94	4.10 - 17.78
Calcium	%DM	0.91%	0.57	0.11 - 1.03
Phosphorus	%DM	0.25%	0.35	0.21 - 0.49
Magnesium	%DM	0.32%	0.22	0.06 - 0.38
Potassium	%DM	0.92%	2.37	0.91 - 3.83
Sulfur	%DM	0.13%	0.21	0.11 - 0.31

FEED AND FORAGE REPORT

DAIRYLAND LABORATORIES, INC.
 Arcadia, WI 54612
 Telephone 608-323-2123

Report date: 11/ 8/2016
 Sample number: 001-1611-209370

TO: Central Analytical Laboratori
 92 Koranna Avenue
 Doringkloof Centurion 0157
 South Africa ,

ACCOUNT # 2547 (0)
 SAMPLED BY: Central Analytical L
 SAMPLED FOR: G4879

PRODUCT: green chop (7 - N5 XX)

NFC	%	40.49%
RFV		132.99
RFQ		87.12
NDF kd rate Van Amb	%/hr	1.38%
NDF kd rate MIR_P1	%/hr	1.94%

		ADF	OARDC	MLK13
		-----	-----	-----
TDN 1x	%DM	65.20	61.96	56.18
Nel 3x	Mcal/cwt	67.16	63.55	69.64
Neg	Mcal/cwt	35.63	37.04	29.96
Nem	Mcal/cwt	61.87	63.43	55.65
Milk per ton	lb/ton DM			2702

-----BILLING INFORMATION-----

SAMPLED BY: Central Analytical L
 SAMPLED FOR: G4879
 PRODUCT: green chop

Reference: 0193382
 Date: 11/ 8/2016
 Sample: 001-1611-209370

\$ 25.00 NIR CNCPS
 \$ 25.00 TOTAL