

FEED AND FORAGE REPORT

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

Report date: 9/13/2013
 Sample number: 027955

TO: Diamond T Ag, LLC
 Paul Deckard
 1129 High St.
 Reedsburg, WI 53959

ACCOUNT # 1310 (0)
 SAMPLED BY: Diamond T Ag, LLC
 SAMPLED FOR: R/D RALPHS SIDE/SIDE

PRODUCT: 988 corn silage (2 - N8V FC)

Moisture % 57.56%
 Dry Matter % 42.44%
 pH 4.21

		Dry Basis	Average	Normal Range
Crude Protein	%DM	6.48%	7.82	5.72 - 9.92
ADF	%DM	23.96%	24.66	17.06 - 32.26
aNDF (w/ Na2SO3)	%DM	38.75%	41.00	30.08 - 51.92
Lignin (Sulfuric Acid)	%DM	3.32%	3.67	2.23 - 5.11
Lignin	%NDF	8.57%		
NDFD 48 (1mm)	%NDF	54.01%	59.36	48.62 - 70.10
IVTDMD 48	%DM	82.18%	83.38	77.28 - 89.48
AD-ICP	%DM	0.63%	0.69	0.35 - 1.03
ND-ICP (w/o Na2SO3)	%DM	1.47%	1.10	0.52 - 1.68
Protein Sol.	%CP	30.56%	37.50	16.33 - 58.68
Starch	%DM	36.78%	31.84	18.46 - 45.22
IVSD 7 hr.	%Starch	82.35%-M	84.00	75.00 - 96.00
Fat (EE)	%DM	2.57%	3.17	2.15 - 4.19
Total Fatty Acid (TFA)	%DM	1.90%	2.22	1.18 - 3.26
Ash	%DM	3.57%	3.80	1.42 - 6.18
Calcium	%DM	0.22%	0.24	0.12 - 0.36
Phosphorus	%DM	0.22%	0.24	0.18 - 0.30
Magnesium	%DM	0.17%	0.20	0.12 - 0.28
Potassium	%DM	0.75%	1.05	0.63 - 1.47
Sulfur	%DM	0.10%	0.11	0.09 - 0.13
Sugar (ESC)	%DM	3.46%	4.63	0.01 - 9.47
Lactic Acid	%DM	0.73%		
Acetic Acid	%DM	0.87%		
Propionic Acid	%DM	0.26%		
Ammonia-CP	%DM	0.14%		
Ammonia-N	%CP	2.16%		
Lactic:Acetic ratio		< 1:1		

TDN 1x - MLK06 NonProc % 64.95%
 Adjusted Crude Protein % 6.48%
 NFC % 48.62%
 Nel 3x - OARDC Mcal/cwt 74.82
 Nel 3x - MLK06 Proc Mcal/cwt 69.20
 Nel 3x - MLK06 NonProc Mcal/cwt 63.95
 Neg - MLK06 Mcal/cwt 45.80
 Nem - MLK06 Mcal/cwt 73.21
 Milk per ton - MLK06 lb/ton DM 2847

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The Invitro Starch Digestibility 7 hr. is a qualitative NIR calibration that appropriately ranks starch digestibility in the following categories of High, Medium and Low. Particle size of the material as being fed to the animal will have a major influence on the starch digestibility.

Interpretations for IVSD 7 hr.

	Corn Silage	HM Corn	Corn Grain
H	>88%	>82%	>68%
M	79%-87%	62%-81%	52%-67%
L	<78%	<61%	<51%

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

SAMPLED BY: Diamond T Ag, LLC
SAMPLED FOR: R/D RALPHS SIDE/SIDE
PRODUCT: 988 corn silage

Reference: 0142733
Date: 9/13/2013
Sample: 027955

\$ 23.75 NIR COMPLETE
\$ 23.75 TOTAL INVOICE