

FEED AND FORAGE REPORT

DAIRYLAND LABORATORIES, INC.

Arcadia, WI 54612

Telephone 608-323-2123

Report date: 1/29/2019

Sample number: 001-1901-008098

TO: MOJO Seed Enterprises, LLLP
PO Box 1716

ACCOUNT #12557 (0)

SAMPLED BY: MOJO Seed Enterprise

Hereford , TX 79045

SAMPLED FOR: C.URBANCZYK

PRODUCT: opal ensiled F.C. (7 - N9V)

Moisture % 66.94%
Dry Matter % 33.06%
pH 3.74

		Dry Basis	Average	Normal Range
Crude Protein	%DM	10.12%	13.32	6.28 - 20.36
ADF	%DM	30.63%	37.98	28.02 - 47.94
aNDF	%DM	42.36%	53.07	39.75 - 66.39
aNDFom	%DM	41.16%	51.68	39.29 - 63.02
Lignin (Sulfuric Acid)	%DM	4.15%	5.81	3.11 - 8.51
Lignin	%NDF	10.08%		
Lignin input (uNDF/2.4)	%DM	8.42%		
NDFD 24	%NDF	32.43%	50.33	28.18 - 68.48
NDFD 30	%NDF	35.30%	53.00	31.00 - 75.00
NDFD 240	%NDF	50.90%	67.90	47.80 - 87.90
uNDFom24	%DM	27.81%	26.50	13.90 - 39.10
uNDFom30	%DM	26.63%	25.10	11.70 - 38.60
uNDFom240	%DM	20.21%	17.60	7.30 - 28.00
AD-ICP	%DM	1.00%	1.11	0.39 - 1.83
ND-ICP w/ SS	%DM	0.88%	1.79	0.45 - 3.64
Protein Sol.	%CP	58.99%	51.37	25.63 - 77.11
Starch	%DM	22.12%	3.80	0.10 - 15.10
Fat (EE)	%DM	3.74%	3.36	1.76 - 4.96
Total Fatty Acid (TFA)	%DM	1.36%	1.51	0.10 - 2.20
16:0 Palmitic	%DM	0.33%	0.31	0.13 - 0.49
18:0 Stearic	%DM	0.01%	0.03	0.01 - 0.06
18:1 Oleic	%DM	0.26%	0.13	0.01 - 0.53
18:2 Linoleic	%DM	0.68%	0.33	0.01 - 0.91
18:3 Linolenic	%DM	0.06%	0.68	0.01 - 1.54
Ash	%DM	7.64%	10.94	4.10 - 17.78
Calcium	%DM	0.24%	0.57	0.11 - 1.03
Phosphorus	%DM	0.26%	0.35	0.21 - 0.49
Magnesium	%DM	0.12%	0.22	0.06 - 0.38
Potassium	%DM	1.04%	2.37	0.91 - 3.83
Sulfur	%DM	0.10%	0.21	0.11 - 0.31
Sugar (ESC)	%DM	0.60%	2.48	0.01 - 5.02
Sugar (WSC)	%DM	0.69%	3.86	1.22 - 6.58
Lactic Acid	%DM	5.97%		
Acetic Acid	%DM	2.26%		
Propionic Acid	%DM	<0.01%		
Butyric Acid	%DM	0.75%		
Ammonia-CP	%DM	2.01%		
Ammonia-CP	%CP	19.86%		
Silage Acids	%DM	8.98%		

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Adjusted Crude Protein % 10.12%
 NFC % 39.60%
 RFV 142.68
 RFQ 117.51
 NDF kd rate Van Amb %/hr 2.28%
 NDF kd rate MIR_P1 %/hr 4.46%

		ADF	OARDC	MLK13	ISU BEEF
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TDN 1x	%DM	66.70	64.91	58.15	48.31
Nel 3x	Mcal/cwt	68.82	66.83	66.25	
Neg	Mcal/cwt	34.67	39.61	31.05	22.81
Nem	Mcal/cwt	60.81	66.28	56.84	47.48
Milk per ton	lb/ton DM			2779	
Beef per ton	lb/ton DM				94.9

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

SAMPLED BY: MOJO Seed Enterprise
 SAMPLED FOR: C.URBANCZYK
 PRODUCT: opal ensiled F.C.

Reference: 0488999
 Date: 1/29/2019
 Sample: 001-1901-008098

\$ 27.00 NIR COMPLETE
 \$ 27.00 TOTAL