

FEED AND FORAGE REPORT

DAIRYLAND LABORATORIES, INC.

Arcadia, WI 54612
 Telephone 608-323-2123

Report date: 1/29/2019
 Sample number: 001-1901-008099

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 fresh F.C. (7 - N9V)

Moisture % 62.10%
 Dry Matter % 37.90%
 pH 5.53

		Dry Basis	Average	Normal Range
Crude Protein	%DM	9.69%	13.32	6.28 - 20.36
ADF	%DM	28.29%	37.98	28.02 - 47.94
aNDF	%DM	42.83%	53.07	39.75 - 66.39
aNDFom	%DM	41.62%	51.68	39.29 - 63.02
Lignin (Sulfuric Acid)	%DM	4.04%	5.81	3.11 - 8.51
Lignin	%NDF	9.71%		
Lignin input (uNDF/2.4)	%DM	7.54%		
NDFD 24	%NDF	31.36%	50.33	28.18 - 68.48
NDFD 30	%NDF	35.13%	53.00	31.00 - 75.00
NDFD 240	%NDF	56.51%	67.90	47.80 - 87.90
uNDFom24	%DM	28.57%	26.50	13.90 - 39.10
uNDFom30	%DM	27.00%	25.10	11.70 - 38.60
uNDFom240	%DM	18.10%	17.60	7.30 - 28.00
AD-ICP	%DM	0.90%	1.11	0.39 - 1.83
ND-ICP w/ SS	%DM	1.40%	1.79	0.45 - 3.64
Protein Sol.	%CP	35.50%	51.37	25.63 - 77.11
Starch	%DM	22.90%	3.80	0.10 - 15.10
Fat (EE)	%DM	2.49%	3.36	1.76 - 4.96
Total Fatty Acid (TFA)	%DM	1.17%	1.51	0.10 - 2.20
16:0 Palmitic	%DM	0.29%	0.31	0.13 - 0.49
18:0 Stearic	%DM	0.03%	0.03	0.01 - 0.06
18:1 Oleic	%DM	0.25%	0.13	0.01 - 0.53
18:2 Linoleic	%DM	0.57%	0.33	0.01 - 0.91
18:3 Linolenic	%DM	0.01%	0.68	0.01 - 1.54
Ash	%DM	5.05%	10.94	4.10 - 17.78
Calcium	%DM	0.24%	0.57	0.11 - 1.03
Phosphorus	%DM	0.21%	0.35	0.21 - 0.49
Magnesium	%DM	0.12%	0.22	0.06 - 0.38
Potassium	%DM	1.06%	2.37	0.91 - 3.83
Sulfur	%DM	0.11%	0.21	0.11 - 0.31
Sugar (ESC)	%DM	3.19%	2.48	0.01 - 5.02
Sugar (WSC)	%DM	7.96%	3.86	1.22 - 6.58
Lactic Acid	%DM	0.91%		
Acetic Acid	%DM	<0.01%		
Propionic Acid	%DM	<0.01%		
Butyric Acid	%DM	0.35%		
Ammonia-CP	%DM	0.41%		
Ammonia-CP	%CP	4.23%		
Silage Acids	%DM	1.26%		

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

Adjusted Crude Protein % 9.69%
 NFC % 42.87%
 RFV 145.12
 RFQ 118.66
 NDF kd rate Van Amb %/hr 2.14%
 NDF kd rate MIR_P1 %/hr 3.61%

		ADF	OARDC	MLK13	ISU BEEF
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TDN 1x	%DM	67.42	67.51	60.05	51.49
Nel 3x	Mcal/cwt	69.63	69.73	69.23	
Neg	Mcal/cwt	34.35	42.71	33.38	26.92
Nem	Mcal/cwt	60.46	69.73	59.39	51.92
Milk per ton	lb/ton DM			2957	
Beef per ton	lb/ton DM				125.8

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

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

Reference: 0489005
 Date: 1/29/2019
 Sample: 001-1901-008099

\$ 27.00 NIR COMPLETE
 \$ 27.00 TOTAL