

FEED AND FORAGE REPORT

DAIRYLAND LABORATORIES, INC.

Arcadia, WI 54612
 Telephone 608-323-2123

Report date: 1/ 9/2020
 Sample number: 001-2001-003333

TO: MOJO Seed Enterprises, LLLP
 PO Box 1716

ACCOUNT #12557 (0)
 SAMPLED BY: MOJO Seed Enterprise

Hereford , TX 79045

SAMPLED FOR: BUCLE - YOCUM

PRODUCT: 195084 sorg opal ensiled (7 - N9V SS)

Moisture % 57.61%
 Dry Matter % 42.39%
 pH 4.16

Sorghum/sudan silage statistics
 provided for comparison.

		Dry Basis	Median	90% Range
Crude Protein	%DM	10.40%	9.70	5.06 - 16.00
ADF	%DM	30.00%	38.71	30.82 - 47.36
aNDF	%DM	41.40%	57.63	45.66 - 68.15
aNDFom	%DM	39.56%	53.73	41.55 - 64.53
Lignin (Sulfuric Acid)	%DM	3.86%	5.39	3.67 - 7.52
Lignin	%NDF	9.76%		
Lignin input (uNDF/2.4)	%DM	7.95%		
NDFD 24	%NDF	29.30%	49.12	31.15 - 62.62
NDFD 30	%NDF	32.74%	51.78	34.58 - 65.92
NDFD 240	%NDF	51.79%	71.05	57.18 - 81.98
uNDFom24	%DM	27.97%	26.78	19.26 - 35.84
uNDFom30	%DM	26.61%	25.34	17.98 - 35.54
uNDFom240	%DM	19.07%	16.40	10.10 - 24.66
AD-ICP	%DM	1.10%	1.06	0.60 - 1.63
ND-ICP w/ SS	%DM	1.03%	1.90	1.22 - 2.88
Protein Sol.	%CP	52.98%	43.76	21.38 - 61.00
Starch	%DM	25.62%	1.91	0.12 - 21.48
Fat (EE)	%DM	3.34%	2.82	1.44 - 4.01
Total Fatty Acid (TFA)	%DM	1.36%	1.48	0.60 - 2.22
16:0 Palmitic	%DM	0.33%	0.26	0.17 - 0.34
18:0 Stearic	%DM	0.01%	0.02	0.01 - 0.04
18:1 Oleic	%DM	0.28%	0.07	0.03 - 0.26
18:2 Linoleic	%DM	0.71%	0.26	0.12 - 0.67
18:3 Linolenic	%DM	0.01%	0.26	0.01 - 0.61
Ash	%DM	6.96%	10.08	5.63 - 17.00
Calcium	%DM	0.24%	0.42	0.23 - 0.77
Phosphorus	%DM	0.27%	0.27	0.17 - 0.40
Magnesium	%DM	0.12%	0.23	0.14 - 0.38
Potassium	%DM	1.27%	2.04	1.01 - 3.48
Sulfur	%DM	0.12%	0.13	0.09 - 0.22
Sugar (ESC)	%DM	1.23%	1.70	0.31 - 3.87
Sugar (WSC)	%DM	1.55%	5.15	1.50 - 12.73
Lactic Acid	%DM	4.62%	4.37	1.05 - 7.44
Acetic Acid	%DM	0.74%	0.92	0.12 - 2.52
Propionic Acid	%DM	<0.01%	0.25	0.06 - 0.47
Butyric Acid	%DM	0.53%	0.27	0.03 - 1.51
Ammonia-CP	%DM	1.51%	0.86	0.11 - 2.87
Ammonia-CP	%CP	14.52%	8.61	1.23 - 24.96
Silage Acids	%DM	5.89%		

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Adjusted Crude Protein	%	10.30%
NFC	%	41.75%
RFV		147.32
RFQ		116.84
NDF kd rate Van Amb	%/hr	1.98%
NDF kd rate MIR_P1	%/hr	3.47%

		ADF	OARDC	MLK13	ISU BEEF
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TDN 1x	%DM	66.89	66.44	58.62	48.97
Nel 3x	Mcal/cwt	69.04	68.54	67.76	
Neg	Mcal/cwt	35.10	41.60	31.79	23.73
Nem	Mcal/cwt	61.29	68.49	57.65	48.47
Milk per ton	lb/ton DM			2834	
Beef per ton	lb/ton DM				101.8

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

SAMPLED BY: MOJO Seed Enterprise
 SAMPLED FOR: BUCLE - YOCUM
 PRODUCT: 195084 sorg opal ensiled

Reference: 0654839
 Date: 1/ 9/2020
 Sample: 001-2001-003333

\$ 28.00 NIR COMPLETE
 \$ 28.00 TOTAL