

FEED AND FORAGE REPORT

DAIRYLAND LABORATORIES, INC.

Arcadia, WI 54612

Telephone 608-323-2123

Report date: 1/ 9/2020

Sample number: 001-2001-003332

TO: MOJO Seed Enterprises, LLLP
PO Box 1716

ACCOUNT #12557 (0)

SAMPLED BY: MOJO Seed Enterprise

Hereford , TX 79045

SAMPLED FOR: HUSEMAN - NAZARETH

PRODUCT: 195083 sorg.opal ensiled (7 - N9V SS)

Moisture % 66.61%
Dry Matter % 33.39%
pH 3.98

Sorghum/sudan silage statistics provided for comparison.

		Dry Basis	Median	90% Range
Crude Protein	%DM	9.47%	9.70	5.06 - 16.00
ADF	%DM	33.46%	38.71	30.82 - 47.36
aNDF	%DM	43.25%	57.63	45.66 - 68.15
aNDFom	%DM	42.03%	53.73	41.55 - 64.53
Lignin (Sulfuric Acid)	%DM	4.08%	5.39	3.67 - 7.52
Lignin	%NDF	9.71%		
Lignin input (uNDF/2.4)	%DM	8.11%		
NDFD 24	%NDF	32.24%	49.12	31.15 - 62.62
NDFD 30	%NDF	35.59%	51.78	34.58 - 65.92
NDFD 240	%NDF	53.68%	71.05	57.18 - 81.98
uNDFom24	%DM	28.48%	26.78	19.26 - 35.84
uNDFom30	%DM	27.07%	25.34	17.98 - 35.54
uNDFom240	%DM	19.47%	16.40	10.10 - 24.66
AD-ICP	%DM	0.93%	1.06	0.60 - 1.63
ND-ICP w/ SS	%DM	0.92%	1.90	1.22 - 2.88
Protein Sol.	%CP	56.60%	43.76	21.38 - 61.00
Starch	%DM	21.59%	1.91	0.12 - 21.48
Fat (EE)	%DM	3.76%	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	0.26%	0.07	0.03 - 0.26
18:2 Linoleic	%DM	0.63%	0.26	0.12 - 0.67
18:3 Linolenic	%DM	0.11%	0.26	0.01 - 0.61
Ash	%DM	9.68%	10.08	5.63 - 17.00
Calcium	%DM	0.24%	0.42	0.23 - 0.77
Phosphorus	%DM	0.28%	0.27	0.17 - 0.40
Magnesium	%DM	0.12%	0.23	0.14 - 0.38
Potassium	%DM	1.43%	2.04	1.01 - 3.48
Sulfur	%DM	0.11%	0.13	0.09 - 0.22
Sugar (ESC)	%DM	0.87%	1.70	0.31 - 3.87
Sugar (WSC)	%DM	1.48%	5.15	1.50 - 12.73
Lactic Acid	%DM	4.72%	4.37	1.05 - 7.44
Acetic Acid	%DM	2.22%	0.92	0.12 - 2.52
Propionic Acid	%DM	<0.01%	0.25	0.06 - 0.47
Butyric Acid	%DM	0.83%	0.27	0.03 - 1.51
Ammonia-CP	%DM	1.95%	0.86	0.11 - 2.87
Ammonia-CP	%CP	20.59%	8.61	1.23 - 24.96
Silage Acids	%DM	7.77%		

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Adjusted Crude Protein	%	9.47%
NFC	%	37.38%
RFV		134.91
RFQ		109.47
NDF kd rate Van Amb	%/hr	2.23%
NDF kd rate MIR_P1	%/hr	3.80%

		ADF	OARDC	MLK13	ISU BEEF
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TDN 1x	%DM	65.82	62.84	55.57	46.02
Nel 3x	Mcal/cwt	67.85	64.53	63.00	
Neg	Mcal/cwt	34.11	36.74	27.33	19.72
Nem	Mcal/cwt	60.20	63.09	52.79	44.15
Milk per ton	lb/ton DM			2567	
Beef per ton	lb/ton DM				71.6

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

SAMPLED BY: MOJO Seed Enterprise
 SAMPLED FOR: HUSEMAN - NAZARETH
 PRODUCT: 195083 sorg.opal ensiled

Reference: 0654838
 Date: 1/ 9/2020
 Sample: 001-2001-003332

\$ 28.00 NIR COMPLETE
 \$ 28.00 TOTAL