

Arcadia, WI 54612

Dairyland Laboratories, Inc.
217 E. Main St.

Report Date: 12/9/2021
Sample No.: 001-2112-537755

Telephone: 608-323-2123

Fax: 608-323-2184

Email: info@dairylandlabs.com

To: MOJO Seed Enterprises, LLLP
PO Box 1716
3799 CR22
Hereford, TX 79045

Account No.: 12557 (0)
Sampled By: MOJO Seed Enterprise
Sampled For: MOJO SEED ENTERPRISE

Product: 21-012 Pearl S.Myrick

Test Mode: N9
Feed Type: Small Grain Silage
Sub Type: Sorghum/sudan



Moisture	66.64%
Dry Matter	33.36%
pH	5.04

Sorghum/sudan silage statistics provided for comparison.

		Dry Basis	Median	90% Range	
Crude Protein	%DM	8.60	9.70	5.06	- 16.00
AD-ICP % of CP	%CP	9.42	10.47	5.48	- 18.33
ND-ICP w/SS	%CP	20.12			
Protein Sol.	%CP	22.44	43.76	21.38	- 61.00
Ammonia-CP	%CP	11.16	8.61	1.23	- 24.96
ADF	%DM	28.72	38.71	30.82	- 47.36
aNDF	%DM	44.11	57.63	45.66	- 68.15
aNDFom	%DM	43.06	53.73	41.55	- 64.53
Lignin	%NDFom	8.64			
NDFD12	%NDFom	33.23	33.70	19.20	- 43.20
NDFD 24	%NDFom	46.45	49.12	31.15	- 62.62
NDFD 30	%NDFom	49.88	51.78	34.58	- 65.92
NDFD240	%NDFom	65.58	71.05	57.18	- 81.98
uNDFom12	%DM	28.75	34.40	28.10	- 42.80
uNDFom24	%DM	23.06	26.78	19.26	- 35.84
uNDFom30	%DM	21.58	25.34	17.98	- 35.54
uNDFom240	%DM	14.82	16.40	10.10	- 24.66
Sugar (ESC)	%DM	2.16	1.70	0.31	- 3.87
Sugar (WSC)	%DM	6.55	5.15	1.50	- 12.73
Starch	%DM	18.28	1.91	0.12	- 21.48
Fat (EE)	%DM	2.70	2.82	1.44	- 4.01
TFA (fat)	%DM	1.18	1.48	0.60	- 2.22
16:0 Palmitic	%TFA	22.88	26.04	22.04	- 39.26
18:0 Stearic	%TFA	1.69	2.36	0.78	- 8.33
18:1 Oleic	%TFA	20.34	7.59	3.65	- 20.99
18:2 Linoleic	%TFA	50.00	26.22	17.35	- 50.81
18:3 Linolenic	%TFA	3.39	28.95	0.88	- 49.57
Ash	%DM	8.60	10.08	5.63	- 17.00

Calcium	%DM	0.24	0.42	0.23	-	0.77
Phosphorus	%DM	0.26	0.27	0.17	-	0.40
Magnesium	%DM	0.18	0.23	0.14	-	0.38
Potassium	%DM	1.58	2.04	1.01	-	3.48
Sulfur	%DM	0.11	0.13	0.09	-	0.22
Lactic Acid	%DM	1.60	4.37	1.05	-	7.44
Acetic Acid	%DM	<0.01	0.92	0.12	-	2.52

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Sub Type:



DAIRYLAND

Laboratories, Inc.

Propionic Acid	%DM	<0.01	0.25	0.06	-	0.47
Butyric Acid	%DM	<0.01	0.27	0.03	-	1.51

Calculations

NFC	%DM	39.29
NSC	%DM	24.83
RFV		140.28
RFQ		140.22
NDF kd rate MIR_P1	%/hr	5.04
Adjusted Crude Protein	%DM	8.60

		<u>ADF</u>	<u>OARDC</u>	<u>MLK 2013</u>	<u>ISU Beef</u>
TDN	%DM	67.29	64.30	62.59	54.67
Nel 3x	Mcal/cwt	69.48	66.15	66.71	
Neg	Mcal/cwt	33.52	38.28	36.23	30.75
Nem	Mcal/cwt	59.55	64.80	62.53	56.10
Milk per ton	lb/ton DM			2973	
Beef per ton	lb/ton DM				154.43

Billing Information

Sampled By: MOJO Seed Enterprise
Sampled For: MOJO SEED ENTERPRISE
Product: 21-012 Pearl S.Meiwes
\$29.50 N9-NIR COMPLETE

Reference: 0924115
Date: 12/9/2021
Sample No.: 001-2112-
537755

\$29.50 Total Invoice