



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

Account No.: 12557 (0)
Sampled By: MOJO Seed Enterprise
Sampled For: CU FARMS - FC

Product: 22-008 PEARL
Description2 SMALL GRAIN SILAGE
Description3 10/19/2022

Test Mode: N9
Feed Type: Small Grain Silage
Sub Type: Other

Moisture	65.47%
Dry Matter	34.53%
pH	5.78

Dry Basis

Crude Protein	%DM	8.24
AD-ICP % of CP	%CP	9.23
ND-ICP w/SS	%CP	20.87
Protein Sol.	%CP	8.62
Ammonia-CP	%CP	4.00
ADF	%DM	28.97
aNDF	%DM	44.87
aNDFom	%DM	43.56
Lignin	%NDFom	9.00
NDFD12	%NDFom	33.68
NDFD 24	%NDFom	44.31
NDFD 30	%NDFom	47.25
NDFD 48	%NDFom	55.95
NDFD240	%NDFom	62.47
uNDFom12	%DM	28.89
uNDFom24	%DM	24.26
uNDFom30	%DM	22.98
uNDFom48	%DM	19.19
uNDFom240	%DM	16.35
Sugar (ESC)	%DM	10.95
Sugar (WSC)	%DM	12.96
Starch	%DM	17.06
Fat (EE)	%DM	3.40
TFA (fat)	%DM	1.30
16:0 Palmitic	%TFA	23.08
18:0 Stearic	%TFA	2.31
18:1 Oleic	%TFA	23.08
18:2 Linoleic	%TFA	49.23
18:3 Linolenic	%TFA	0.77
Ash	%DM	9.94
Calcium	%DM	0.24
Phosphorus	%DM	0.21
Magnesium	%DM	0.18



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Potassium	%DM	1.53
Sulfur	%DM	0.10
Chloride	%DM	0.32
Lactic Acid	%DM	0.02
Acetic Acid	%DM	<0.01
Propionic Acid	%DM	<0.01
Butyric Acid	%DM	<0.01

Calculations

NFC	%DM	37.68
NSC	%DM	30.02
RFV		137.29
RFQ		129.78
NDF kd rate MIR_P1	%/hr	5.02
Adjusted Crude Protein	%DM	8.24

		ADF	OARDC	MLK 2013	ISU Beef
TDN	%DM	67.21	62.71	60.24	52.78
Nel 3x	Mcal/cwt	69.39	64.38	64.45	
Neg	Mcal/cwt	33.12	36.13	33.04	28.32
Nem	Mcal/cwt	59.11	62.42	59.02	53.45
Milk per ton	lbs/ton			2804	
Beef per ton	lbs/ton				136