



To: Kussmaul Seeds
9020 US Hwy 18
Mt Hope, WI 53816

Account No.: 266 (0)
Sampled By: Kussmaul Seeds
Sampled For: KUSSMAL SEEDS

Product: RFS 2095RR

Test Mode: N8V
Feed Type: Whole plant corn
Sub Type: Conventional

Nutrient

Moisture	68.09%
Dry Matter	31.91%
pH	4.29

Corn silage statistics provided for comparison.

		<u>Dry Basis</u>	<u>Median</u>	<u>90% Range</u>
Crude Protein	%DM	8.98	7.21	5.80 - 9.00
AD-ICP % of CP	%CP	4.79	9.96	6.57 - 15.46
ND-ICP w/SS	%CP	16.04		
Protein Sol.	%CP	36.30	51.05	25.02 - 72.00
Ammonia-CP	%CP	2.23	6.76	2.38 - 10.23
ADF	%DM	21.27	24.47	19.93 - 30.46
aNDF	%DM	38.35	39.68	33.43 - 49.20
aNDFom	%DM	37.25	38.84	32.21 - 48.10
Lignin	%NDFom	8.72		
NDFD 24	%NDFom	53.07	49.00	42.83 - 55.18
NDFD 30	%NDFom	57.80	53.74	47.40 - 62.75
NDFD240	%NDFom	69.53	70.80	65.58 - 78.20
uNDFom24	%DM	17.48	19.48	15.91 - 23.34
uNDFom30	%DM	15.72	17.17	13.15 - 20.95
uNDFom240	%DM	11.35	11.13	7.85 - 17.78
Sugar (ESC)	%DM	3.39	1.85	0.54 - 5.66
Sugar (WSC)	%DM	5.28	3.58	0.99 - 6.63
Starch	%DM	31.78	32.61	19.15 - 41.93
IVSD7-o	%Starch	70.68	69.18	51.07 - 78.15
Fat (EE)	%DM	3.19	3.01	2.23 - 3.86
TFA (fat)	%DM	2.36	2.09	1.49 - 2.61
16:0 Palmitic	%TFA	17.80		
18:0 Stearic	%TFA	2.12		
18:1 Oleic	%TFA	24.15		
18:2 Linoleic	%TFA	47.03		
18:3 Linolenic	%TFA	7.20		
Ash	%DM	5.90	4.10	2.81 - 6.19
Calcium	%DM	0.24	0.23	0.16 - 0.31
Phosphorus	%DM	0.23	0.24	0.19 - 0.28
Magnesium	%DM	0.17	0.17	0.13 - 0.23
Potassium	%DM	1.30	1.01	0.77 - 1.35
Sulfur	%DM	0.12	0.10	0.08 - 0.13
Lactic Acid	%DM	1.42	3.86	0.47 - 5.61
Acetic Acid	%DM	0.49	1.02	0.41 - 2.33



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Propionic Acid	%DM	0.28	0.32	0.18 - 0.49
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Calculations

NFC	%DM	45.95
NSC	%DM	37.06
NDF kd rate MIR_P1	%/hr	6.08
Starch kd rate MIR_P1T1	%/hr	20.45
Adjusted Crude Protein	%DM	8.98

		<u>ADF</u>	<u>OARDC</u>	<u>MLK 2006</u> <u>NonProc</u>	<u>MLK 2006</u> <u>Processed</u>	<u>ISU Beef</u>
TDN	%DM	72.95	71.15	73.98	73.98	65.11
Nel 3x	Mcal/cwt	75.87	73.78	72.79	72.79	
Neg	Mcal/cwt	46.99	47.15	51.57	51.57	43.32
Nem	Mcal/cwt	74.55	74.73	79.75	79.75	70.02
Milk per ton	lb/ton DM			3488	3488	
Beef per ton	lb/ton DM					246.83

Billing Information

Sampled By: Kussmaul Seeds
Sampled For: KUSSMAL SEEDS

Reference: 0742869
Date: 8/31/2020

Product: RFS 2095RR
\$28.00 NIR COMPLETE

Sample No.: 001-2008-059995

\$28.00 Total Invoice