



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 2010RR

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

Nutrient

Moisture	76.16%
Dry Matter	23.84%
pH	4.07

Corn silage statistics provided for comparison.

		<u>Dry Basis</u>	<u>Median</u>	<u>90% Range</u>
Crude Protein	%DM	8.67	7.21	5.80 - 9.00
AD-ICP % of CP	%CP	5.66	9.96	6.57 - 15.46
ND-ICP w/SS	%CP	17.42		
Protein Sol.	%CP	42.56	51.05	25.02 - 72.00
Ammonia-CP	%CP	2.31	6.76	2.38 - 10.23
ADF	%DM	27.59	24.47	19.93 - 30.46
aNDF	%DM	48.28	39.68	33.43 - 49.20
aNDFom	%DM	47.09	38.84	32.21 - 48.10
Lignin	%NDFom	8.24		
NDFD 24	%NDFom	54.51	49.00	42.83 - 55.18
NDFD 30	%NDFom	57.51	53.74	47.40 - 62.75
NDFD240	%NDFom	71.97	70.80	65.58 - 78.20
uNDFom24	%DM	21.42	19.48	15.91 - 23.34
uNDFom30	%DM	20.01	17.17	13.15 - 20.95
uNDFom240	%DM	13.20	11.13	7.85 - 17.78
Sugar (ESC)	%DM	5.39	1.85	0.54 - 5.66
Sugar (WSC)	%DM	6.88	3.58	0.99 - 6.63
Starch	%DM	18.82	32.61	19.15 - 41.93
IVSD7-o	%Starch	72.91	69.18	51.07 - 78.15
Fat (EE)	%DM	2.49	3.01	2.23 - 3.86
TFA (fat)	%DM	1.55	2.09	1.49 - 2.61
16:0 Palmitic	%TFA	21.94		
18:0 Stearic	%TFA	2.58		
18:1 Oleic	%TFA	21.29		
18:2 Linoleic	%TFA	40.00		
18:3 Linolenic	%TFA	12.26		
Ash	%DM	5.99	4.10	2.81 - 6.19
Calcium	%DM	0.27	0.23	0.16 - 0.31
Phosphorus	%DM	0.19	0.24	0.19 - 0.28
Magnesium	%DM	0.21	0.17	0.13 - 0.23
Potassium	%DM	1.30	1.01	0.77 - 1.35
Sulfur	%DM	0.10	0.10	0.08 - 0.13
Lactic Acid	%DM	2.64	3.86	0.47 - 5.61
Acetic Acid	%DM	0.73	1.02	0.41 - 2.33



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Propionic Acid	%DM	0.27	0.32	0.18 - 0.49
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Calculations

NFC	%DM	37.21
NSC	%DM	25.70
NDF kd rate MIR_P1	%/hr	5.73
Starch kd rate MIR_P1T1	%/hr	21.77
Adjusted Crude Protein	%DM	8.67

		<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	68.53	66.17	69.84	69.84	61.34
Nel 3x	Mcal/cwt	70.94	68.23	66.92	66.92	
Neg	Mcal/cwt	43.42	40.84	46.54	46.54	38.88
Nem	Mcal/cwt	70.54	67.65	74.04	74.04	65.06
Milk per ton	lb/ton DM			3120	3120	
Beef per ton	lb/ton DM					212.87

Billing Information

Sampled By: Kussmaul Seeds
Sampled For: KUSSMAL SEEDS

Reference: 0742873
Date: 8/31/2020

Product: RFS 2010RR
\$28.00 NIR COMPLETE

Sample No.: 001-2008-059999

\$28.00 Total Invoice