



**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 2091RR

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

**Nutrient**

Moisture	70.45%
Dry Matter	29.55%
pH	4.13

Corn silage statistics provided for comparison.

		<u>Dry Basis</u>	<u>Median</u>	<u>90% Range</u>
Crude Protein	%DM	7.68	7.21	5.80 - 9.00
AD-ICP % of CP	%CP	5.60	9.96	6.57 - 15.46
ND-ICP w/SS	%CP	16.93		
Protein Sol.	%CP	38.54	51.05	25.02 - 72.00
Ammonia-CP	%CP	1.69	6.76	2.38 - 10.23
ADF	%DM	22.93	24.47	19.93 - 30.46
aNDF	%DM	41.90	39.68	33.43 - 49.20
aNDFom	%DM	40.87	38.84	32.21 - 48.10
Lignin	%NDFom	7.81		
NDFD 24	%NDFom	56.99	49.00	42.83 - 55.18
NDFD 30	%NDFom	60.73	53.74	47.40 - 62.75
NDFD240	%NDFom	73.65	70.80	65.58 - 78.20
uNDFom24	%DM	17.58	19.48	15.91 - 23.34
uNDFom30	%DM	16.05	17.17	13.15 - 20.95
uNDFom240	%DM	10.77	11.13	7.85 - 17.78
Sugar (ESC)	%DM	3.57	1.85	0.54 - 5.66
Sugar (WSC)	%DM	5.40	3.58	0.99 - 6.63
Starch	%DM	30.01	32.61	19.15 - 41.93
IVSD7-o	%Starch	70.29	69.18	51.07 - 78.15
Fat (EE)	%DM	3.06	3.01	2.23 - 3.86
TFA (fat)	%DM	2.22	2.09	1.49 - 2.61
16:0 Palmitic	%TFA	18.02		
18:0 Stearic	%TFA	2.25		
18:1 Oleic	%TFA	23.42		
18:2 Linoleic	%TFA	47.30		
18:3 Linolenic	%TFA	7.21		
Ash	%DM	5.32	4.10	2.81 - 6.19
Calcium	%DM	0.21	0.23	0.16 - 0.31
Phosphorus	%DM	0.21	0.24	0.19 - 0.28
Magnesium	%DM	0.17	0.17	0.13 - 0.23
Potassium	%DM	1.07	1.01	0.77 - 1.35
Sulfur	%DM	0.10	0.10	0.08 - 0.13
Lactic Acid	%DM	1.56	3.86	0.47 - 5.61
Acetic Acid	%DM	0.66	1.02	0.41 - 2.33



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Propionic Acid	%DM	0.29	0.32	0.18 - 0.49
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**Calculations**

NFC	%DM	44.21
NSC	%DM	35.41
NDF kd rate MIR_P1	%/hr	6.11
Starch kd rate MIR_P1T1	%/hr	20.23
Adjusted Crude Protein	%DM	7.68

		<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	71.79	70.54	75.07	75.07	66.63
Nel 3x	Mcal/cwt	74.57	73.10	72.99	72.99	
Neg	Mcal/cwt	45.36	45.89	52.33	52.33	44.92
Nem	Mcal/cwt	72.71	73.31	80.62	80.62	71.82
Milk per ton	lb/ton DM			3528	3528	
Beef per ton	lb/ton DM					258.42

**Billing Information**

**Sampled By:** Kussmaul Seeds  
**Sampled For:** KUSSMAL SEEDS

**Reference:** 0742865  
**Date:** 8/31/2020

**Product:** RFS 2091RR  
\$28.00 NIR COMPLETE

**Sample No.:** 001-2008-059991

**\$28.00 Total Invoice**