



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

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

Product: RFS2085RR

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

Nutrient

Moisture	64.93%
Dry Matter	35.07%
pH	4.33

Corn silage statistics provided for comparison.

		<u>Dry Basis</u>	<u>Median</u>	<u>90% Range</u>
Crude Protein	%DM	8.30	7.21	5.80 - 9.00
AD-ICP % of CP	%CP	6.63	9.96	6.57 - 15.46
ND-ICP w/SS	%CP	16.75		
Protein Sol.	%CP	31.93	51.05	25.02 - 72.00
Ammonia-CP	%CP	1.81	6.76	2.38 - 10.23
ADF	%DM	21.69	24.47	19.93 - 30.46
aNDF	%DM	39.69	39.68	33.43 - 49.20
aNDFom	%DM	38.71	38.84	32.21 - 48.10
Lignin	%NDFom	8.37		
NDFD 24	%NDFom	53.06	49.00	42.83 - 55.18
NDFD 30	%NDFom	57.53	53.74	47.40 - 62.75
NDFD240	%NDFom	72.38	70.80	65.58 - 78.20
uNDFom24	%DM	18.17	19.48	15.91 - 23.34
uNDFom30	%DM	16.44	17.17	13.15 - 20.95
uNDFom240	%DM	10.69	11.13	7.85 - 17.78
Sugar (ESC)	%DM	2.84	1.85	0.54 - 5.66
Sugar (WSC)	%DM	5.05	3.58	0.99 - 6.63
Starch	%DM	34.01	32.61	19.15 - 41.93
IVSD7-o	%Starch	67.03	69.18	51.07 - 78.15
Fat (EE)	%DM	3.19	3.01	2.23 - 3.86
TFA (fat)	%DM	2.42	2.09	1.49 - 2.61
16:0 Palmitic	%TFA	17.36		
18:0 Stearic	%TFA	2.07		
18:1 Oleic	%TFA	24.79		
18:2 Linoleic	%TFA	48.35		
18:3 Linolenic	%TFA	5.79		
Ash	%DM	4.81	4.10	2.81 - 6.19
Calcium	%DM	0.24	0.23	0.16 - 0.31
Phosphorus	%DM	0.22	0.24	0.19 - 0.28
Magnesium	%DM	0.17	0.17	0.13 - 0.23
Potassium	%DM	0.97	1.01	0.77 - 1.35
Sulfur	%DM	0.10	0.10	0.08 - 0.13
Lactic Acid	%DM	0.91	3.86	0.47 - 5.61
Acetic Acid	%DM	0.91	1.02	0.41 - 2.33



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Propionic Acid	%DM	0.31	0.32	0.18 - 0.49
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Calculations

NFC	%DM	46.15
NSC	%DM	39.06
NDF kd rate MIR_P1	%/hr	5.49
Starch kd rate MIR_P1T1	%/hr	18.49
Adjusted Crude Protein	%DM	8.30

		<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	72.66	71.72	73.06	74.73	66.69
Nel 3x	Mcal/cwt	75.54	74.42	71.61	73.70	
Neg	Mcal/cwt	46.30	47.52	52.21	52.21	45.06
Nem	Mcal/cwt	73.77	75.15	80.47	80.47	71.98
Milk per ton	lb/ton DM			3412	3547	
Beef per ton	lb/ton DM					259.44

Billing Information

Sampled By: Kussmaul Seeds
Sampled For: KUSSMAL SEEDS

Reference: 0742875
Date: 8/31/2020

Product: RFS2085RR
\$28.00 NIR COMPLETE

Sample No.: 001-2008-060001

\$28.00 Total Invoice