



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 2004RR

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

Nutrient

Moisture	72.23%
Dry Matter	27.77%
pH	4.10

Corn silage statistics provided for comparison.

		<u>Dry Basis</u>	<u>Median</u>	<u>90% Range</u>
Crude Protein	%DM	8.49	7.21	5.80 - 9.00
AD-ICP % of CP	%CP	5.54	9.96	6.57 - 15.46
ND-ICP w/SS	%CP	16.73		
Protein Sol.	%CP	39.34	51.05	25.02 - 72.00
Ammonia-CP	%CP	2.00	6.76	2.38 - 10.23
ADF	%DM	23.47	24.47	19.93 - 30.46
aNDF	%DM	41.58	39.68	33.43 - 49.20
aNDFom	%DM	40.48	38.84	32.21 - 48.10
Lignin	%NDFom	9.07		
NDFD 24	%NDFom	52.45	49.00	42.83 - 55.18
NDFD 30	%NDFom	56.62	53.74	47.40 - 62.75
NDFD240	%NDFom	69.54	70.80	65.58 - 78.20
uNDFom24	%DM	19.25	19.48	15.91 - 23.34
uNDFom30	%DM	17.56	17.17	13.15 - 20.95
uNDFom240	%DM	12.33	11.13	7.85 - 17.78
Sugar (ESC)	%DM	4.52	1.85	0.54 - 5.66
Sugar (WSC)	%DM	6.61	3.58	0.99 - 6.63
Starch	%DM	27.64	32.61	19.15 - 41.93
IVSD7-o	%Starch	71.73	69.18	51.07 - 78.15
Fat (EE)	%DM	3.03	3.01	2.23 - 3.86
TFA (fat)	%DM	2.12	2.09	1.49 - 2.61
16:0 Palmitic	%TFA	18.87		
18:0 Stearic	%TFA	2.36		
18:1 Oleic	%TFA	23.11		
18:2 Linoleic	%TFA	44.81		
18:3 Linolenic	%TFA	8.96		
Ash	%DM	5.58	4.10	2.81 - 6.19
Calcium	%DM	0.23	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	1.30	1.01	0.77 - 1.35
Sulfur	%DM	0.10	0.10	0.08 - 0.13
Lactic Acid	%DM	2.19	3.86	0.47 - 5.61
Acetic Acid	%DM	0.69	1.02	0.41 - 2.33



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Propionic Acid	%DM	0.30	0.32	0.18 - 0.49
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Calculations

NFC	%DM	43.75
NSC	%DM	34.25
NDF kd rate MIR_P1	%/hr	5.84
Starch kd rate MIR_P1T1	%/hr	21.06
Adjusted Crude Protein	%DM	8.49

		<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	71.41	69.50	72.54	72.54	63.74
Nel 3x	Mcal/cwt	74.15	71.94	71.08	71.08	
Neg	Mcal/cwt	45.71	44.93	49.62	49.62	41.67
Nem	Mcal/cwt	73.11	72.22	77.53	77.53	68.18
Milk per ton	lb/ton DM			3374	3374	
Beef per ton	lb/ton DM					234.87

Billing Information

Sampled By: Kussmaul Seeds
Sampled For: KUSSMAL SEEDS

Reference: 0742874
Date: 8/31/2020

Product: RFS 2004RR
\$28.00 NIR COMPLETE

Sample No.: 001-2008-060000

\$28.00 Total Invoice