

To: ITC Services, Inc.
4172 N Frontage Road E
Moses Lake, WA 98837

Account No.: 16076 (0)
Sampled By: ITC Services, Inc.
Sampled For: ITC SERVICES
Product: NORTH SIDE NOT SPRAYED
Description2: SECOND PLASTIC
Description3: FRIDAY 10-31

Test Package:
Complete NASEM|Mold and Yeast Count & ID
Feed Type: Whole plant corn
Sub Type: Corn silage

Moisture	59.37%		
Dry Matter	40.63%		
pH	4.81		
		Dry Basis	90% Range*
CP	%DM	11.32	5.80 - 9.00
ADICP	% CP	7.33	6.57 - 15.46
NDICPss	% CP	12.19	
SCP	% CP	44.70	25.02 - 72.00
Ammonia	% CP	6.27	0.00 - 11.76
Total amino acid	%DM	8.99	5.45 - 7.53
Total amino acid	% CP	79.42	71.89 - 89.55
Lysine	% CP	3.36	2.00 - 3.73
Methionine	% CP	1.59	1.18 - 1.88
Isoleucine	% CP	3.18	2.76 - 3.31
Leucine	% CP	7.16	7.91 - 10.37
Histidine	% CP	1.77	1.37 - 2.46
ADF	%DM	39.85	19.93 - 30.46
aNDF	%DM	61.85	31.64 - 49.20
aNDFom	%DM	59.10	30.67 - 48.10
Lignin	% NDFom	8.60	
Lignin	%DM	5.08	2.43 - 4.43
NDFDom12	% NDFom	26.84	26.60 - 41.53
NDFDom24	% NDFom	58.29	42.83 - 62.27
NDFDom30	% NDFom	60.69	47.40 - 67.59
NDFDom48	% NDFom	64.60	53.27 - 69.65
NDFDom240	% NDFom	71.57	65.58 - 80.59
uNDFom12	%DM	43.24	19.19 - 31.84
uNDFom24	%DM	24.65	13.21 - 23.34
uNDFom30	%DM	23.23	11.38 - 20.95
uNDFom48	%DM	20.92	10.32 - 18.47
uNDFom240	%DM	16.80	6.89 - 12.78
Sugar (ESC)	%DM	0.61	0.54 - 5.66
Sugar (WSC)	%DM	0.78	0.99 - 6.63
Starch	%DM	3.58	19.15 - 41.93
Fat (EE)	%DM	3.75	2.23 - 3.86
Total fatty acids	%DM	1.96	1.49 - 2.61
16:0 Palmitic	% TFA	22.96	
18:0 Stearic	% TFA	2.55	
18:1 Oleic	% TFA	26.02	

18:2 Linoleic	% TFA	38.78	
18:3 Linolenic	% TFA	7.65	
Ash	%DM	8.81	2.81 - 6.19
Ca	%DM	0.48	0.16 - 0.31
P	%DM	0.26	0.19 - 0.28
Mg	%DM	0.23	0.13 - 0.23
K	%DM	1.67	0.77 - 1.35
S	%DM	0.16	0.08 - 0.13
Cl	%DM	0.27	0.17 - 0.44
Lactic	%DM	0.51	0.00 - 7.83
Acetic	%DM	3.69	0.00 - 5.01
Propionic	%DM	0.66	0.00 - 1.33

Corn silage statistics provided for comparison.

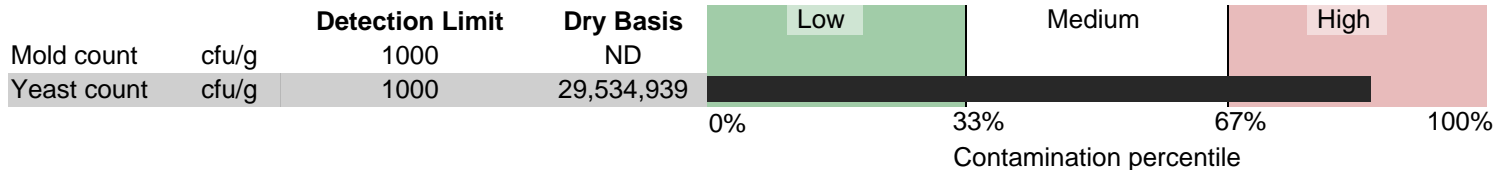
Calculations

NFC	%DM	19.19	
NDF kd rate MIR_P1	%/hr	6.78	
Adjusted Crude Protein	%DM	11.32	
		ADF	OARDC
TDN 1x		59.95	58.12
Nel 3x	Mcal/cwt	61.38	59.14
Neg	Mcal/cwt		31.49
Nem	Mcal/cwt		57.32
Milk per ton	lbs/ton		2,643
			MLK06 Proc
TDN 1x			65.28
Nel 3x	Mcal/cwt		59.14
Neg	Mcal/cwt		41.45
Nem	Mcal/cwt		68.33
Milk per ton	lbs/ton		2,615
			MLK06 NonProc
TDN 1x			64.93
Nel 3x	Mcal/cwt		58.70
Neg	Mcal/cwt		41.45
Nem	Mcal/cwt		68.33
Milk per ton	lbs/ton		2,615

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Mold & Mycotoxins



*Percentiles represent how your sample compares to all other contaminated samples tested at Dairyland Laboratories Inc. These do not indicate whether the toxin levels in this feed are safe.

Mold IDs

	<u>Present</u>	<u>Color</u>	<u>Common Toxins Produced</u>	<u>Typical Growth Conditions</u>
Mucor	No	Grey/White	None	Grows at low temperatures, typically in storage
Rhizopus	No	Black/White	None	High moisture and advanced decay
Penicillium	No	Blue/Green/White	Ochratoxin A, Patulin, Citrinin	Grows under many conditions, both in the field and in storage
Cladosporium	No	White	None	Grows at low temperatures. Commonly invades corn after premature frost
Aspergillus	No	Green/Yellow	Aflatoxin, Citrinin	Drought, heat-stressed, or insect damaged crops. Prefers high temperatures. Can grow both in the field and in storage
Fusarium	No	White/Pink	DON, T2HT2, Fusaric Acid, Fumonisin	Prefers cool, wet field conditions. Produces toxins under stress, both in field and during storage
Other	No			

*ND = Not Detected