

Dairyland Laboratories, Inc.

Arcadia, WI – Stratford, WI – St Cloud, MN

www.dairylandlabs.com – 608-323-2123

Summaries – Corn

October 1st – Feb 5th, 2010

Forage: Shell Corn		
Dairyland Labs Oct-Feb 5th		
Total # of Samples tested:	2050	
Molds	Number of Samples	% of Total Samples
Penicillium	288	14.05%
Aspergillus	134	6.54%
Mucor	402	19.61%
Rhizopus	114	5.56%
Fusarium	590	28.78%
Cladosporium	424	20.68%
Other	98	4.78%

Forage: Shell Corn		
Dairyland Labs Oct-Feb 5th		
Total # of Samples tested:	2316	
Yeast	Number of Samples	% of Total Samples
10 - 10,000	677	29.23%
10,000 - 100,000	574	24.78%
100,000 - 10,000,000	776	33.51%
> 10,000,000	289	12.48%

Forage: Shell Corn		
Dairyland Labs Oct-Feb 5th		
Total # of Samples tested:	2317	
Mold	Number of Samples	% of Total Samples
10 - 10,000	1175	50.71%
10,000 - 100,000	619	26.72%
100,000 - 10,000,000	486	20.98%
> 10,000,000	37	1.60%

Summaries – Corn Silage

October 1st – Feb 5th, 2010

Forage: Corn Silage		
Dairyland Labs Oct-Feb 5th		
Total # of Samples tested:	769	
Molds	Number of Samples	% of Total Samples
Penicillium	143	18.60%
Aspergillus	72	9.36%
Mucor	217	28.22%
Rhizopus	33	4.29%
Fusarium	186	24.19%
Cladosporium	95	12.35%
Other	23	2.99%

Forage: Corn Silage		
Dairyland Labs Oct-Feb 5th		
Total # of Samples tested:	1380	
Yeast	Number of Samples	% of Total Samples
10 - 10,000	337	24.42%
10,000 - 100,000	211	15.29%
100,000 - 10,000,000	438	31.74%
> 10,000,000	394	28.55%

Forage: Corn Silage		
Dairyland Labs Oct-Feb 5th		
Total # of Samples tested:	1380	
Mold	Number of Samples	% of Total Samples
10 - 10,000	907	65.72%
10,000 - 100,000	188	13.62%
100,000 - 10,000,000	258	18.70%
> 10,000,000	27	1.96%

Summaries – Shell Corn Mycotoxins

October 1st – Feb 5th, 2010

Forage: Shell Corn

Dairyland Labs Oct-Feb 5th

<u>Vomitoxin</u>	
Total # of Samples tested:	1167
# Positive:	991
0.2 -1 ppm:	510
1-6 ppm:	422
6-20 ppm:	53
Greater than 20 ppm:	6

<u>Zearalenone</u>	
Total # of Samples tested:	948
# Positive:	490
10-250 ppb	445
250-1000 ppb	36
1000-6000 ppb	9

<u>T2</u>	
Total # of Samples tested:	440
# Positive:	166
25 - 100 ppb	90
100 - 500 ppb	58
over 500 ppb	18

<u>Aflatoxin</u>	
Total # of Samples tested:	570
# Positive:	64
2-5 ppb	50
5-20 ppb	12
Greater than 20 ppb	2