

# Dairyland Laboratories, Inc.

Arcadia, WI - Stratford, WI - St. Cloud, MN

<http://www.dairylandlabs.com>

## Shell Corn Mold & Yeast Summary October 2009 - July 23rd, 2010

Forage: Shell Corn		
Dairyland Labs October 2009 - July 23rd, 2010		
Total # of samples tested : 3064		
<b>Molds</b>		
	<u># of samples</u>	<u>% of total samples</u>
Penicillium	670	21.87%
Aspergillus	187	6.10%
Mucor	589	19.22%
Rhizopus	135	4.41%
Fusarium	735	23.99%
Cladosporium	558	18.21%
Other	190	6.20%

Forage: Shell Corn		
Dairyland Labs October 2009 - July 23rd, 2010		
Total # of samples tested : 3631		
<b>YEAST (col/gm) Range</b>		
	<u># of samples</u>	<u>% of total samples</u>
10 - 10,000	1167	32.14%
10,000 - 100,000	779	21.45%
100,000 - 10,000,000	1230	33.87%
> 10,000,000	455	12.53%

Forage: Shell Corn		
Dairyland Labs October 2009 - July 23rd, 2010		
Total # of samples tested: 3611		
<b>MOLD (col/gm) Range</b>		
	<u># of samples</u>	<u>% of total samples</u>
10 - 10,000	1753	48.55%
10,000 - 100,000	951	26.34%
100,000 - 10,000,000	838	23.21%
> 10,000,000	69	1.91%

Dairyland Labs Corn Silage Mold & Yeast Summary  
October 2009 - July 23rd, 2010

Forage: Corn Silage		
Dairyland Labs October 2009 - July 23rd, 2010		
Total # of samples tested : 1271		
<b>Molds</b>		
	<u># of samples</u>	<u>% of total samples</u>
Penicillium	322	25.33%
Aspergillus	96	7.55%
Mucor	282	22.19%
Rhizopus	35	2.75%
Fusarium	303	23.84%
Cladosporium	151	11.88%
Other	82	6.45%

Forage: Corn Silage		
Dairyland Labs October 2009 - July 23rd, 2010		
Total # of samples tested : 2449		
<b>YEAST (col/gm) Range</b>		
	<u># of samples</u>	<u>% of total samples</u>
10 - 10,000	723	29.52%
10,000 - 100,000	377	15.39%
100,000 - 10,000,000	772	31.52%
> 10,000,000	577	23.56%

Forage: Corn Silage		
Dairyland Labs October 2009 - July 23rd, 2010		
Total # of samples tested : 2434		
<b>MOLD (col/gm) Range</b>		
	<u># of samples</u>	<u>% of total samples</u>
10 - 10,000	1501	61.67%
10,000 - 100,000	395	16.23%
100,000 - 10,000,000	483	19.84%
> 10,000,000	55	2.26%

Dairyland Labs Shell Corn Mycotoxin Summary  
October 2009 - July 23rd, 2010

**Aflatoxin**

Total # of samples tested:	776
# Positive:	79
2 - 5 ppb	64
5 - 20 ppb	13
over 20 ppb	2

**Vomitoxin**

Total # of samples tested:	1874
# Positive:	1684
0.2 - 1 ppm	798
1 - 6 ppm	780
6 - 20 ppm	87
Over 20 ppm	19

**Zearalenone**

Total # of samples tested:	1340
# Positive:	730
10 - 250 ppb	659
250 - 1000 ppb	55
1000 - 6000 ppb	16

**T2 Toxin**

Total # of samples tested:	689
# Positive:	164
25 - 100 ppb	106
100 - 500 ppb	43
over 500 ppb	15