

## CORN GRAIN

*Dairyland Laboratories, Inc.*

**Vomitoxin**

States # of Samples	# Positive	0.1-1 ppm	1-5 ppm	5-20 ppm	Greater than 20 ppm
IN, MI, Ohio, PA	7	71%	29%	43%	
WI, IL	40	72%	41%	29%	2%
MN, IA, ND, SD	124	81%	54%	23%	1%
<b>Total</b>	<b>171</b>	<b>77%</b>	<b>50%</b>	<b>25%</b>	<b>1%</b>

**Zearalenone**

States # of Samples	# Positive	10-250 ppb	250-1000 ppb	1000-6000 ppb
IN, MI, Ohio, PA	7	57%	37%	
WI, IL	46	41%	37%	4%
MN, IA, ND, SD	112	52%	29%	4%
<b>Total</b>	<b>165</b>	<b>57%</b>	<b>32%</b>	<b>4%</b>

**I2**

States # of Samples	# Positive	Use positive ones:
IN, MI, Ohio, PA	2	
WI, IL	21	52.1; 38.3; 40; 56.5; 66.8
MN, IA, ND, SD	45	25.9; 26.1; 27.5; 27.5; 31; 32.4; 58.6; 81; 104.5; 158.7
<b>Total</b>	<b>68</b>	<b>22%</b>

**Aflatoxin**

States # of Samples	# Positive	2-5 ppb	5-20 ppb
IN, MI, Ohio, PA	4	0	
WI, IL	33	12%	4%
MN, IA, ND, SD	102	17%	3%
<b>Total</b>	<b>139</b>	<b>15%</b>	<b>4%</b>

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## CORN SILAGE

*Dairyland Laboratories, Inc.*

**Vomitoxin**

States # of Samples	# Positive	5-5 ppm	6-20 ppm	Greater than 20 ppm
IN, MI, Ohio, PA	35	25%		
WI, IL	17	88%	7%	12%
MN, IA, ND, SD	10	50%	4%	50%
<b>Total</b>	<b>62</b>	<b>55%</b>	<b>4%</b>	<b>11%</b>

**Zearalenone**

States # of Samples	# Positive	500 ppb - 1000 ppb	Greater than 1000 ppb
IN, MI, Ohio, PA	0		
WI, IL	18	39%	12%
MN, IA, ND, SD	10	60%	30%
<b>Total</b>	<b>28</b>	<b>46%</b>	<b>18%</b>

**I2**

States # of Samples	# Positive	Use positive ones:
IN, MI, Ohio, PA	0	
WI, IL	11	
MN, IA, ND, SD	5	
<b>Total</b>	<b>16</b>	

**Aflatoxin**

States # of Samples	# Positive	5 ppb-20 ppb	Greater than 20 ppb
IN, MI, Ohio, PA	3	0	
WI, IL	12	17%	17%
MN, IA, ND, SD	10	0	
<b>Total</b>	<b>25</b>	<b>9%</b>	<b>9%</b>

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## MOLD IDENTIFICATION

*Dairyland Laboratories, Inc.*

Forage: Corn Grain		
Dairyland Labs Oct-Nov 18		
Total # of Samples tested:	711	
Molds	Number of Samples	% of Total Samples
Penicillium	84	11.83%
Aspergillus	62	8.72%
Mucor	97	13.64%
Rhizopus	53	7.45%
Fusarium	233	32.77%
Cladospidium	132	18.57%
Other	50	7.03%

Forage: Corn Silage		
Dairyland Labs Oct-Nov 18		
Total # of Samples tested:	307	
Molds	Number of Samples	% of Total Samples
Penicillium	45	14.66%
Aspergillus	36	11.73%
Mucor	86	28.01%
Rhizopus	22	7.17%
Fusarium	66	21.50%
Cladospidium	40	13.03%
Other	12	3.91%

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