

## December 2009 Service Bulletin

### Silage and Corn Toxin Summary:

Feed Type	Test	Sample Count	Range	Percent of Total	Feed Type	Test	Sample Count	Range	Percent of Total
Corn Silage	Vomitoxin (DON)	38	> 6.00 ppm	0.0%	H.m. Grain Corn	Vomitoxin (DON)	188	> 6.00 ppm	2.7%
			4.00 - 6.00 ppm	0.0%				4.00 - 6.00 ppm	5.3%
			2.00 - 4.00 ppm	5.3%				2.00 - 4.00 ppm	5.9%
			1.00 - 2.00 ppm	5.3%				1.00 - 2.00 ppm	16.5%
			0.20 - 1.00 ppm	57.9%				0.20 - 1.00 ppm	45.2%
			< 0.20 ppm	31.6%				< 0.20 ppm	24.5%
Corn Silage	Zearalenone	28	> 0.40 ppm	3.6%	H.m. Grain Corn	Zearalenone	139	> 0.40 ppm	0.7%
			0.20 - 0.40 ppm	0.0%				0.20 - 0.40 ppm	0.7%
			0.10 - 0.20 ppm	10.7%				0.10 - 0.20 ppm	2.2%
			0.05 - 0.10 ppm	7.1%				0.05 - 0.10 ppm	4.3%
			< 0.05 ppm	78.6%				< 0.05 ppm	92.1%
Grain Corn	Vomitoxin (DON)	485	> 6.00 ppm	4.5%	Grain Corn	Vomitoxin (DON)	485	> 6.00 ppm	4.5%
			4.00 - 6.00 ppm	3.3%				4.00 - 6.00 ppm	3.3%
			2.00 - 4.00 ppm	11.1%				2.00 - 4.00 ppm	11.1%
			1.00 - 2.00 ppm	18.4%				1.00 - 2.00 ppm	18.4%
			0.20 - 1.00 ppm	41.2%				0.20 - 1.00 ppm	41.2%
			< 0.20 ppm	21.4%				< 0.20 ppm	21.4%
Grain Corn	Zearalenone	164	> 0.40 ppm	1.2%	Grain Corn	Zearalenone	164	> 0.40 ppm	1.2%
			0.20 - 0.40 ppm	0.0%				0.20 - 0.40 ppm	0.0%
			0.10 - 0.20 ppm	0.0%				0.10 - 0.20 ppm	0.0%
			0.05 - 0.10 ppm	0.6%				0.05 - 0.10 ppm	0.6%
			< 0.05 ppm	98.2%				< 0.05 ppm	98.2%

### Greenhouse:

Agri-Food Laboratories offers a full range of analytical services to greenhouse growers. Suggested sampling frequencies for each are outlined below:

**Source Water**-Test before each production season, especially water sourced from ponds and wells which may have differing mineral content from year to year.

**Solution**-Weekly to monthly testing allows monitoring of nutrient levels, pH, and EC.

**Growing Media**- Test once before planting, and once mid-season, to determine the nutrient content, pH, and EC of the media.

**Plant Tissue**-Weekly or monthly analysis allows monitoring of the adequacy of fertilizer programs, and diagnosis of deficiencies and toxicities.

**DNA multiscan**- Monthly or seasonal monitoring of plant pathogen levels allows control before disease becomes symptomatic.



### Holiday Hours:

This holiday season we will be closed:

Thursday December 24<sup>th</sup> and Friday December 25<sup>th</sup>

Thursday December 31<sup>st</sup> at 12:00 pm

Friday January 1<sup>st</sup>

We will be open regular business hours:

Monday Dec. 28<sup>th</sup> to Dec. 30<sup>th</sup>, 2009 & Monday Jan. 4<sup>th</sup>, 2010

*Wishing you & your family a safe and happy holiday season.*



Agri-Food Laboratories is chosen more often by industry leaders for analytical quality, knowledge, integrity, innovation and service.