

## Topeka Regional Office — Topeka, KS

Revised July 2015

# Vomitoxin Testing

## Colorado, Kansas, Missouri, and Nebraska

Weather conditions may make vomitoxin a threat to this year's wheat crop. High levels of vomitoxin may result in either a discount in price or the requirement to destroy the grain.

Vomitoxin [Deoxynivalenol (DON)] is a naturally occurring mycotoxin produced by several species of fusarium mold. Wet and cool weather from flowering time to maturity promotes infection, resulting in scab or head blight in barley, wheat, oats, and rye.

Mycotoxins at high enough levels in production are considered a substance or condition that can be injurious to human or animal health. More information on mycotoxins, including vomitoxin, can be found at: [Grain Inspection, Packers & Stockyards Administration \(GIPSA\)](#).

If you carry crop insurance policies subsidized and reinsured by the Federal Crop Insurance Corporation [as overseen by the Risk Management Agency (RMA)], you may be eligible for quality loss adjustments if the reason for the loss in value is due to a covered event such as the excessive precipitation received this spring.

To protect your rights under your policy, it is imperative that you always report any damage within the required timeframes and seek advice from your insurance company before proceeding with harvest or destruction of the damaged crop. Failure to do so may jeopardize your claim. Crop insurance policies require that you notify your company within 72 hours of noticing a loss. It is important that you be proactive in checking your fields to determine if there is any damage to the crop before harvest.

For production containing a substance or condition that is injurious to human or animal health, such as vomitoxin, RMA has established procedures for

calculating a Reduction in Value (RIV). Those procedures are outlined in Section C of the Special Provisions of Insurance in your county, which can be found in [RMA's Actuarial Information Browser](#). Section C includes discount factors for vomitoxins in the range of 0.1 to 10.0 parts per million, and RIV procedures for levels greater than 10.0 ppm. It is very important that you work with your insurance provider if you believe you have quality losses on your wheat.

The quality adjustments made on the production are based on samples obtained by the adjuster or other disinterested parties authorized by the insurance provider, such as an elevator employee. Harvested and delivered production samples taken from each conveyance and then blended may be accepted under certain conditions. It should be noted that samples you submitted for testing cannot be used for quality adjustment. In addition, insurance companies are not to pull samples and then allow the producers to maintain the samples until they can pick them at a later time to submit to an approved testing facility. Only the insurance provider or a trained and approved disinterested third party can maintain and submit the samples for testing.

Appropriate samples must be obtained before the production entered commercial storage. However, for farm-stored production contaminated with vomitoxin only, samples may be obtained from the storage structure. Analysis of the samples pulled by the insurance provider (or trained and approved disinterested third party) must be performed by an approved testing facility. Samples submitted for testing will be dictated by the facility, including its recommendations for storage and transportation.

To be an "approved testing facilities," for crop insurance purposes, the following criteria must be

met:

- The facility must be able to perform quantitative tests on grain, itemizing results in parts per million (ppm) and parts per billion (ppb). Test kits used must be certified by GIPSA;
- The facility must be a recognized commercial, government, or university testing lab that uses industry-recognized sample sizes, equipment, and procedures for testing vomitoxin; and
- The facility must be a disinterested testing facility unless RMA issues a written authorization to waive this requirement.

The following is a list of certified testing facilities for vomitoxin in the Colorado, Kansas, Missouri, and Nebraska according to GIPSA. This is not a complete list and should only serve as a guide. Consult with your insurance company for more information.

**Kansas Grain Inspection Service**

3800 NW 14th Street  
Topeka, Kansas 66618  
(785) 233-7935

**Kansas Grain Inspection Service**

1111 West 4th, Unit A  
Concordia, Kansas 66901  
Telephone: (785) 243-6171  
Fax: 785-243-5084

**Kansas Grain Inspection Service**

1407 East Trail  
Dodge City, Kansas 67801  
Telephone: (620) 225-4931  
Fax: 620-225-4947

**Kansas Grain Inspection Service**

1401 Fairfax Traffic Way Bldg. E400  
Kansas City, Kansas 66115  
Telephone: (913) 371-4420

**Kansas Grain Inspection Service**

863 West 29th Street North  
Wichita, Kansas 67204  
Telephone: (316) 832-1272  
Fax: (316) 832-1372

**Kansas Grain Inspection Service**

4600 East 64th Avenue  
PO Box 1234  
Commerce City, Colorado 80022  
Telephone: (303) 853-9646

**Kansas Grain Inspection Service**

P.O. Box 721  
517 13th Avenue  
Sidney, Nebraska 69162  
Telephone: (308) 254-3975  
Fax: (308) 254-2782

**Kansas Grain Inspection Service**

900 East 4th Street  
Colby, Kansas 67701  
Telephone: (785) 462-8347  
Fax: (785) 462-3719

**Kansas Grain Inspection Service**

1700 East Iron Street  
Salina, Kansas 67401  
Telephone: (785) 827-3671  
Fax: (785) 827-3672

**Missouri Department of Agriculture**

718 US Hwy 61  
New Madrid, Missouri 63869  
Telephone: (573) 748-5526

**Missouri Department of Agriculture**

521 East Florence Road  
St. Joseph, Missouri 64504  
Telephone: (816) 238-5658

**Missouri Department of Agriculture**

615 Cherokee, Suite 4B  
P.O. Box 596  
Marshall, Missouri 65340  
Telephone: (660) 886-5549

**Cairo Grain Inspection Agency**

4007 Sycamore Street  
Cairo, Illinois 62914  
Telephone: (618) 734-0689  
Fax: (660) 886-7815

**Fremont Grain Inspection**  
603 East Dodge Street  
Fremont, Nebraska 68025  
Telephone: (402) 721-1270

**Hasting Grain Inspection, Inc.**  
306 East Park Street  
Hasting, Nebraska 68901  
Telephone: (402) 462-4254

**Lincoln Inspection Service**  
505 Garfield Street  
Lincoln, Nebraska 68502  
Telephone: (402) 435-4386

**Central and Northeast Missouri  
Marshall Service Point**  
615 Cherokee Street Suite #4B  
Marshall, Missouri 65340  
Telephone: (660) 886-5549

**Northwest and Western Missouri  
St. Joseph Service Point**  
521 Florence Road  
St. Joseph, Missouri 64504  
Telephone: (816) 238-5658  
Fax: (816) 238-6519

**Omaha Grain Inspection**  
2525 South 13th Street  
Omaha, Nebraska 68108-1521  
Telephone: (402) 341-6739

**Keokuk Grain Inspection Service**  
2626 Belmont Road  
Keokuk, Iowa 52632  
Telephone: (319) 524-6482

**Vet Med Diagnostic Lab**  
University of Missouri-College of Veterinary  
Science  
1600 East Rollins Street  
Columbia, Missouri 65205  
(800) 862-8635

**Sioux City Inspection & Weighing Svc**  
840 Clark Street  
Sioux City, Iowa 51101  
Telephone: (712) 255-8073

Additional vomitoxin testing service providers can be found at the [GIPSA Service Provider](#) webpage.

## Contact Us

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