



## GRAIN DUST WARNING

Always Wear an N95 Approved Mask in Dusty Conditions- Read More...

### Website Information

**United States Department of Agriculture USDA – National Agriculture Library**

<http://fsrio.nal.usda.gov/pathogens-and-contaminants/natural-toxins/aflatoxins>

**Aflatoxins – Aspergillus.org**

<http://www.aspergillusflavus.org/aflatoxin/>

**Aflatoxins in Corn Fact Sheet**

<http://www.extension.iastate.edu/agenergy/info/protectlungs.pdf>

**AFLATOXINS : Occurrence and Health Risks- Cornell University**

<http://www.ansci.cornell.edu/plants/toxicagents/aflatoxin/aflatoxin.html>

**Hazardous substance fact sheet:**

<http://nj.gov/health/eoh/rtkweb/documents/fs/0029.pdf>

**Aflatoxins in Corn – Iowa State Extension**

<http://www.extension.iastate.edu/Publications/PM1800.pdf>

**Aflatoxins and Liver Cancer – National Institute of Environmental Health Sciences**

<http://www.niehs.nih.gov/health/impacts/aflatoxin/index.cfm>

**Aflatoxin- Center for Disease Control**

<http://www.cdc.gov/nceh/hsb/chemicals/aflatoxin.html>

**Aflatoxins – Hazards in Grain – EK Cassel** , *Extension Program Leader for Agriculture and Natural Resources*

<http://igrow.org/up/resources/02-2033-2012.pdf>

**Aflatoxins – University of Missouri**

<http://aes.missouri.edu/delta/cropepest/aflacorn.stm>

**Drought May Result in Aflatoxin Contaminated Corn- MU Ag Specialist**

<http://www.hannibal.net/blog/community/mu-ag-specialist/x114309254/Drought-May-Result-in-Aflatoxin-Contaminated-Corn>





## In the News:

[www.iowafarmertoday.com/news/crop/drought-damaged-grain-may-pose-feed-issues/article\\_22338ecc-e18a-11e1-adf5-001a4bcf887a.html](http://www.iowafarmertoday.com/news/crop/drought-damaged-grain-may-pose-feed-issues/article_22338ecc-e18a-11e1-adf5-001a4bcf887a.html)

<http://www.dewittobserver.com/main.asp?SubSectionID=1&ArticleID=7864&SectionID=1>.

## Text Books

Clinical Environmental Health and Toxic Exposures **Author(s):** [John B Sullivan Jr., MD](#), [Gary R Krieger MD, MPH](#) **Publication Date:** Jun 4, 2001

<http://books.google.com/books?id=PyUSgdZUGr4C&pg=PA1035&lpg=PA1035&dq=aflatoxin+respiratory+exposures&source=bl&ots=IKTU6bsYn1&sig=oRKbPxsqgqk0urXvpjCNSNuW0M&hl=en#v=onepage&q=aflatoxin%20respiratory%20exposures&f=false>

**Inhalation Toxicology, Second Edition** edited by Harry Salem, Sidney A. Katz

[http://books.google.com/books?id=yPOowmPVLZcC&pg=PA953&lpg=PA953&dq=aflatoxin+respiratory+exposures&source=bl&ots=rgXSAhUCz8&sig=CDSAN4Yf632kSVyMpcxrg3IQN\\_U&hl=en&sa=X&ei=BaM-UIPqPMTFrQG4k4GwDQ&ved=0CEoQ6AEwBA#v=onepage&q=aflatoxin%20respiratory%20exposures&f=false](http://books.google.com/books?id=yPOowmPVLZcC&pg=PA953&lpg=PA953&dq=aflatoxin+respiratory+exposures&source=bl&ots=rgXSAhUCz8&sig=CDSAN4Yf632kSVyMpcxrg3IQN_U&hl=en&sa=X&ei=BaM-UIPqPMTFrQG4k4GwDQ&ved=0CEoQ6AEwBA#v=onepage&q=aflatoxin%20respiratory%20exposures&f=false)

**Aflatoxins & Human Health** By Ivana Dvorackova

[http://books.google.com/books?id=Nwu-gdK\\_uDsC&pg=PA135&lpg=PA135&dq=aflatoxin+respiratory+exposures&source=bl&ots=ftVDWdclz6&sig=kAMEDV4Ofop4iRf8QCdAH9cfqOI&hl=en&sa=X&ei=BaM-UIPqPMTFrQG4k4GwDQ&ved=0CDQQ6AEwAA#v=onepage&q=aflatoxin%20respiratory%20exposures&f=false](http://books.google.com/books?id=Nwu-gdK_uDsC&pg=PA135&lpg=PA135&dq=aflatoxin+respiratory+exposures&source=bl&ots=ftVDWdclz6&sig=kAMEDV4Ofop4iRf8QCdAH9cfqOI&hl=en&sa=X&ei=BaM-UIPqPMTFrQG4k4GwDQ&ved=0CDQQ6AEwAA#v=onepage&q=aflatoxin%20respiratory%20exposures&f=false)

**Aflatoxins: Formation, Analysis and Control-** [S.C. Basappa](#)

Alpha Science International, Mar 30, 2009 - 402 pages

[http://books.google.com/books?id=4SOvGAAACAAJ&dq=aflatoxin%20respiratory%20exposures&source=gbs\\_similarbooks](http://books.google.com/books?id=4SOvGAAACAAJ&dq=aflatoxin%20respiratory%20exposures&source=gbs_similarbooks)

## Research Articles

1. Exposure measurement of aflatoxins and aflatoxin metabolites in human body fluids. A short review. Yin-Hui Leong, Aishah A. Latiff, Nurul Izzah Ahmad, Ahmad Rosma. Mycotoxin Research, 2012, 28(2):79-87.
2. **Aflatoxins and Their Impact on Human and Animal Health: An Emerging Problem.** Eva G. Lizárraga-Paulín, Ernesto Moreno-Martínez and Susana P. Miranda-Castro (2011), Aflatoxins - Biochemistry and Molecular





## **Research Articles (cont.)**

3. Biology, Dr. Ramon G. Guevara-Gonzalez (Ed.), InTech, Available from: <http://www.intechopen.com/books/aflatoxins-biochemistry-and-molecular-biology/aflatoxins-and-their-impact-on-human-and-animal-health-an-emerging-problem>
4. **Harmful fungi in both agriculture and medicine.** AJ De Lucca, Revista iberoamericana de micología, 2007, 24: 3-13.
5. **Aflatoxin exposure and viral hepatitis in the etiology of liver cirrhosis in The Gambia, West Africa;** Kuniholm MH; Lesi OA; Mendy M; Akano AO; Sam O; Hall AJ; Whittle H; Bah E; Goedert JJ; Hainaut P; et al.; Environmental Health Perspectives, 2008 Nov; 116 (11): 1553-
6. **Aflatoxin Exposure May Contribute to Chronic Hepatomegaly in Kenyan School Children.** Yun Yun Gong; Wilson, Shona; Mwatha, Joseph K.; Routledge, Michael N.; Castelino, Jovita M.; Bin Zhao; Kimani, Gachuhi; Kariuki, H. Curtis; Vennervald, Birgitte J.; Dunne, David W.; et al.; Environmental Health Perspectives, 2012 Jun; 120 (6): 893-6.
7. **Aflatoxins and ochratoxins in serum samples of school children.** Jonsyn-Ellis, Felixtina E. Journal of Nutritional & Environmental Medicine. Feb2007, Vol. 16 Issue 1, p52-58.
8. **Association between aflatoxin exposure and health characteristics, liver function, hepatitis and malaria infections in Ghanaians.** Jolly PE; Jiang Y; Ellis WO; Awuah RT; Appawu J; Nnedu O; Stiles JK; Wang J; Adjei O; Jolly CM; et al.; Journal of Nutritional & Environmental Medicine, 2007 Sep-Dec; 16 (3-4): 242-
9. **Comprehensive Assessment of Maize Aflatoxin Levels in Eastern Kenya, 2005-2007.** Daniel, Johnni H.; Lewis, Lauren W.; Redwood, Yanique A.; Kieszak, Stephanie; Breiman, Robert F.; Flanders, W. Dana; Bell, Carlos; Mwiha, John; Ogana, George; Likimani, Sopiato; et al.; Environmental Health Perspectives, 2011 Dec; 119 (12): 1794-9.
10. **Global Burden of Aflatoxin-Induced Hepatocellular Carcinoma: A Risk Assessment.** Yan Liu; Wu, Felicia. Environmental Health Perspectives. Jun2010, Vol. 118 Issue 6, p818-824.
11. **Protective Interventions to Prevent Aflatoxin-Induced Carcinogenesis in Developing Countries.** Groopman, John D.; Kensler, Thomas W.; Wild, Christopher P. Annual Review of Public Health. 2008, Vol. 29 Issue 1, p187-203.
12. **Grain dust P450 2A13 mediates aflatoxin B1-induced cytotoxicity and apoptosis in human bronchial epithelial cells.** Yang, Xue-Jiao; Lu, Hui-Yuan; Li, Zi-Yin; Bian, Qian; Qiu, Liang-Lin; Li, Zhong; Liu, Qizhan; Li, Jianmin; Wang, Xinru; Wang, Shou-Lin. Toxicology, 2012-Oct-28, 300(3):138-40.
13. **Assessment of aflatoxin exposure of laboratory worker during food contamination analyses. Assessment of the procedures adopted by an ARPAL laboratory (Liguria Region Environmental Protection Agency).** Traverso, A.; Bassoli, Viviana; Cioe, A.; Anselmo, Silvia; Ferro, Marta. MEDICINA DEL LAVORO, SEP-OCT 2010; 101(5):375-80.
14. **Significance of aflatoxins in rural and global health: concern for agricultural workers.** Selim, Mustafa I, North Carolina medical journal 2010 Sep-Oct; 71(5): 438-41.
15. **Natural occurrence of aflatoxin residues in fresh and sun-dried meat in Nigeria.** Olufunmilayo, Gbonjubola Oyero; Oyefolu, Akeeb Bola. The Pan African medical journal, 2010. 7:14.





### **Research Articles (cont.)**

16. Mycotoxins in grain dust. AS Halstensen, KC Nordby, Stewart Postharvest Review 4(6), December 2008: 1-9.
17. **Tools for investigating workplace-related risks from mycotoxin exposure.** Degen, G. H. WORLD MYCOTOXIN JOURNAL, 4(3), 315-27.

