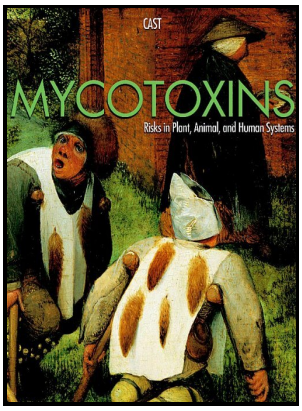
# Consideration of the mycotoxin hypothesis with special reference to the mycoflora of maize, sorghum, wheat and groundnuts

## Tropical Products Institute - A consideration of the mycotoxin hypothesis with special reference to the mycoflora of maize, sorghum, wheat and groundnuts (G105)

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**A consideration of the mycotoxin hypothesis with special reference to the mycoflora of maize, sorghum, wheat and groundnuts (G105)**

Consideration of the Mycotoxin Hypothesis with Special Reference to the Mycoflora of Maize, Sorghum and Groundnuts. D Dawson, Alan Leslie 1976 PhD thesis, Thames Polytechnic. Systematic studies on the pest and disease profile of the crop in the area remain scanty, even though preliminary observations suggest that these probably cause appreciable damage to the crop….

**A Vacant Now Occupied by the Yellow**

PO Box 30836, Tokai, 7966, South Africa. Aflatoxin and liver cancer in Karachi, a preliminary survey.

**Water activity influence on aflatoxin accumulation in corn**

Tropical Products Institute, London, UK. Abstract This review attempts to trace the connection between the mycology of foodstuffs and the onset of disease due to the toxins that various fungi produce within those foodstuffs. Viable corn kernels were conditioned at three water activity levels 0.

**Penicillium species associated with barley grain in the U.K.**

Fifty four samples including 5 of broken rice, 8 of corn grains, 8 of corn gluten feed, 13 of cottonseed cake and 4 each of rice polish, corn gluten, sesame oil cake, guar meal and wheat bran were screened for the presence of aflatoxins. The transmission of aflatoxin B 1 into eggs. Mean concentration of aflatoxin B and G was found to be 15.

**Water activity influence on aflatoxin accumulation in corn**

For the strain used total aflatoxin accumulation was greater at water activity 0. Possibly this is because the epidemiology of mycotoxins involves more than one scientific discipline.

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