



Isolation of toxigenic fungi from stored cereal grains

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Study was conducted to determine toxigenic fungi associated with the stored grains is Rice, Wheat and maize. The collected grains were surface sterilized and plated on Czapek's Dox Agar media. Seven different storage fungi were isolated all together namely Aspergillus flavus, Aspergillus parasiticus, Aspergillus niger, Penicillium sp., Rhizopus sp., Mucor sp. and Fusarium sp. In these Aspergillus flavus and Penicillium sp. were more prominent. Selected grains were subjected to thin layer chromatographic technique. However no toxins were identified.

Keywords: Storage fungi, Czapek's dox agar, Thin layer chromatography.
