

SOME ASPECTS OF STORED WHEAT SEEDS WITH RESPECT TO SEEDBORNE SPECIES OF *ALTERNARIA*, *ASPERGILLUS*, *FUSARIUM* AND *PENICILLIUM* AT GORAKHPUR

ABSTRACT : *The present paper deals with the seedborne species of Alternaria, Aspergillus, Fusarium and Penicillium associated with deterioration of wheat seeds during storage. Forty seven (47) species belonging to four genera have been isolated by using standard methods. Highest number of species are those of Aspergillus and least of Alternaria. Most of the species confirm their pathogenic nature. Weight loss has been recorded to be highest for Aspergillus flavus and least by Fusarium chlamydosporum. Per cent loss of carbohydrate, protein and phosphorus has been found to be in between 0.60 - 4.80, 0.52-1.82 and 2-8 respectively by different species of these four genera.*

Key words : Seedborne mycoflora, Triticum aestivum, Nutritional value
