

## STUDY OF SOME MICRO-ORGANISM ISOLATED FROM SOIL OF GUAVA BELT OF ALLAHABAD (U.P.)

Ashish Jaiswal<sup>1</sup>, Rashmi Singh<sup>1</sup>, Ravindra Prakash Pandey<sup>2</sup> and D.N. Shukla<sup>1</sup>

*Received November 15, 2007 and Accepted January 18, 2008*

**ABSTRACT :** The present study deals with the investigation of fungi colonies in different soil depth 0-6", 7-12" and 13-18" in soil profile. Maximum number of fungus colonies were found in upper most soil profile and dominant fungus were, *Aspergillus niger*, *A. flaviceps*, *Fusarium oxysporum*, *F. solani* and co-dominant fungus were *Aspergillus terreus*, *A. niger* and *Monocilium indicum* etc. Minimum number of fungus colonies were present in deepest soil profile. Dominant fungus were *Fusarium solani*, *Fusarium oxysporum*, *Botryodiplodia theobromae* and *Aspergillus niger*. Fusarial isolates was equally common in all three soils horizons.

**Key Words :** Isolation, different depths, fungi, guava belt.