

## EFFECT OF AMINO ACIDS ON PROTEASE AND LIPASE PRODUCTION IN SEED-BORNE FUNGI OF SOYBEAN

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### **ABSTRACT**

*During the process of bio-deterioration, seed mycoflora produce enzymes to degrade protein, carbohydrate and oil. These enzymes are called as hydrolytic enzymes. The enzymes which degrade proteins are called Protease and enzymes which degrade oil are Lipase.*

*It is observed that total of thirty (30) species of fungi were isolated from ten varieties of Soybean. It is also observed that different amino acids such as Alanine stimulate almost all fungi except *Alternaria alternata*, *Aspergillus flavus*, *A. niger* and *A.ustus*.*

**KEYWORDS:** *Amino Acids, Protease, Lipase, Fungi*