

EFFECT OF ANTIBIOTICS ON PROTEASE AND LIPASE PRODUCTION IN SEED-BORNE FUNGI OF SOYBEAN

Kesare U.T

Research Scholar, Department of Botany, Adarsh Senior College, Omerga, Maharashtra, India

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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 thirty species of fungi were isolated from ten varieties of soybean. It is also observed that Ampicillin completely inhibits the activity of protease production except *A. alternate*, as same results were found with streptomycin except *A. glaucus*.*

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