



Isolation, Characterization and Effect of Fungicides and Antifungal on Fungus from Infected Part of Pea (*Pisum sativum*)

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ABSTRACT: *Mucor* sp. which is a filamentous fungus have been isolated from the infected part of the pea (*Pisum sativum*), which is a major human food crop. The slide culture technique has been done to observe the morphological study of the structure of fungi without disturbing the natural shape on Sabouraud dextrose agar media. Lactophenol cotton blue was used to visualize the microscopic structure of fungi. *Mucor* sp. is used for the production of protease which are widely used in several industries that include detergent, leather processing and meat processing. The effect of some various environmental factors including pH, molecular oxygen, osmotic pressure and salt concentration was done which influence the biology of *Mucor* sp. Activity of the fungus has been checked by the used of different fungicides and antifungal by different methods.

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