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EFFECT OF HYDROGEN - IÓN CONCENTRATION ON THE GROWTH AND SPORULATION OF FUNGI CUASING FRUIT ROT DISEASES

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ABSTRACT: An experiment conducted to watch the effect of Hydrogen-ion concentration on the growth and sporulation of C*arvularia lunata* and *Botryodiplodia theobromae* were prominantly influenced by the variation in Hydrogen-ion concentration. All these fungi can grow within a range of pH 2.0 and 10.0. Their good growth and sporulation was recorded at pH 6.0 and significant growth of all three fungi was observed at 6.0 to 6.5.

Key Words- Hydrogen-ion concentration, C*arvularia lunata, Helminthosporium sativum, Botryodiplodia theobromae.*