

## STUDY OF THE FUNGAL FLORA AND EFFECT OF FUNGAL PATHOGENS ON GRAIN QUALITY OF SOME VARIETIES OF RICE (*Oryza sativa L.*) PADDY CROP IN BENIN

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### ABSTRACT

Rice (*Oryza sativa L.*) is major cereal crop year and is consumed in various forms. DESPITE extensive use ict, ict output is affected by the disease with a yield reduction caused by the attack of fungal and bacterial pathogens. The present study was conducted with the main aim have to make a survey on some diseases affecting rice seeds in a producing area of rice in Benin and the secondary aim for assessment as to the pathogenicity of some fungi on some varieties grown rice in Benin. Disease diagnosis consisted of the isolation and identification of pathogens. Were produced from inoculated isolates tests tarnish grains under controlled conditions. The isolation from the file Managed samples and diagnostic tests Was Performed APPROBATION seven kinds of rice diseases caused by The Following pathogens: *Curvilaria lunata*, *Helminthosporium oryzae oryzae Nigrospora*, *verticiloides Fusarium*, *Alternaria oryzae* bacteria and nematodes. Among thesis pathogens, *Curvilaria lunata*, *Helminthosporium oryzae*, are to be Revealed The Most aggressive disease.

**KEYWORDS:** Rice Seed, Disease, Pathogenicity, Alteration