



## ***COCOS NUCIFERA*'S WATERY ENDOSPERM AS A POTENTIAL CULTURE MEDIUM FOR FUNGAL GROWTH**

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### **ABSTRACT**

**An alternative culture medium to grow *Colletotrichum gloeosporioides* on coconut watery endosperm agar and broth was developed. The medium is based upon the watery endosperm from *Cocos nucifera*, which contains nutrients promoting mycelial growth and sporulation. Sucrose (40%) further enhanced fungal growth in the broth. Dilution of watery endosperm reduced mycelial growth rate by 50%. The coconut watery endosperm is cheaper and more easily available than commercial potato dextrose agar medium in tropical regions.**

**Key words:** *Cocos nucifera*, *Colletotrichum gloeosporioides*, culture medium, watery endosperm.

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