

**TEST OF GARLIC EXTRACT (*Allium sativum*) AS A NATURAL FUNGICIDE
Colletotrichum gloeosporioides MUSHROOM CITRUS PLANT DISEASE**

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ABSTRACT

This study aims to obtain information quantitatively about inhibition of fungal growth with natural fungicides from garlic extract. This research was conducted in May 2017. The method used in this research is the experimental method with the extraction of maceration and the way of planting mushrooms with solid dilution. This study consisted of 6 treatments and 4 repetitions, were concentrations of 30%, 40%, 50%, 60%, 70% and control. Parameters measured were colony diameter *Colletotrichum gloeosporioides* colony. Inhibition of growth of colony colonies *Colletotrichum gloeosporioides* was analyzed using SPSS data processing application 24. Identification of inhibition of growth of fungi colony diameter was done at Biology Education Laboratory FKIP Pasundan University Bandung. The results showed that the optimum garlic extract could inhibit the growth of *Colletotrichum gloeosporioides* colony. And the optimum concentration in inhibiting the growth of *Colletotrichum gloeosporioides* mushroom is at 70% concentration with an average of 0.15 mm.

Keywords: Garlic Extract, Natural Fungicide, *Colletotrichum gloeosporioides* Mushroom.