

Antifungal Efficacy Evaluation of Zineb Against *Taphrina Maculans* Butler Causing Leaf Spot of Turmeric

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ABSTRACT

In the present investigation, antifungal efficacy evaluation of Zineb was carried out against the fungal pathogen *Taphrina maculans* Butler causing leaf spot of turmeric by food poisoned technique. The linear growth of fungal mycelium was measured daily and the results were expressed in terms of Percent control efficacy (PCE) up to 8 days of incubation for *Taphrina maculans* Butler. Different concentrations of Zineb show variable effect on the linear growth of *Taphrina maculans* Butler. It was found that the percent control efficacy (PCE) was decreased with increase in incubation period. The minimum inhibitory concentration (MIC) was found at 800ug/ml and PCE was 89.60 on 8th day of incubation. At 100ug/ml the growth of the fungus stopped completely.

Keywords: *Taphrina maculans*, Zineb