

***Effect Of Giving Metarhizium Anisopliae Metch. On Population and Mortality Of Sugarcane Urethral Pest (Lepidiota stigma F.) in Rogotrutan Village Lumajang Regency***

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**ABSTRACT**

*Research on the effect of giving Metarhizium Anisopliae Metch on the population and mortality of sugarcane urethral pests (Lepidiota stigma F.) was conducted in April-June 2023 In Rogotrutan Village Lumajang Regency. This research was conducted using the independent T-test method with two treatment, application of Metarhizium Anisopliae and without treatment. The purpose of this study was to determine whether the administration of Metarhizium Anisopliae had an effect on the population and mortality of sugarcane uret pests. Observation parameters include population, mortality, and physical changes in uretic pests. The result showed the giving of Metarhizium Anisopliae has a significant effect on population, mortality, and physical changes in sugarcane uretic pests. The results showed that the sugarcane urete population decreased by 1.63 larvae/clumps, and produce the mortality percentage to 68%.*

***Keywords:*** *Metarhizium Anisopliae, Sugarcane Ureth Pests, Population, Mortality, Physical Changes Sugarcane ureth pets.*