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### Use of Microbial Insecticides in Control Stem Borer (*Hexamithodera semivelutina* Hell.) on Clove Plant (*Eugenia aromatica* O.K.)

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**Abstract :** The purpose of this study was to determine *Beauveria bassiana* and *Metarhizium anisopliae* to control clove stem borer (*Hexamithodera semivelutina* Hell.). The study used a randomized block design (RBD). Determination of clove gardens and clove trees using the purposive sampling method, namely by selecting clove trees that have clove stem borer holes that are still active. Data analysis of the results of the study used statistical analysis of the SPSS program Ver. 21. Research results show that microbial insecticides can be used to control *H. semivelutina* in clove (*Eugenia aromatica*) plants. *M. anisopliae* was effective in controlling *H. semivelutina*. Concentrations of *M. anisopliae* spores which were effective in controlling *H. semivelutina* were  $10^8$  and  $10^{10}$  / ml.

**Keywords :** *Beauveria bassiana*, *Metarhizium anisopliae*, *Eugenia aromatica*, *Hexamithodera semivelutina*.

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