

**EFFECTIVENESS OF FUNGI *Beauveria bassiana* ON PODS SUCKING  
PEST (*Riptortus linearis* F.) ON EDAMAME SOYBEAN PLANT**

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**ABSTRACT**

One of the problems in edamame soybean cultivation is the attack of *Riptortus linearis* F.. To suppress the attack of *Riptortus linearis* F., an environmentally friendly entomopathogenic fungus can be used. The purpose of this study was to determine the right concentration to suppress *Riptortus linearis* F. This research was carried out in two places, in the laboratory and in the field. The research design used non-factorial RAL consisting of 4 treatments and 3 replications. The concentrations used were: control, density spore  $10^4$ , density spore  $10^6$ , and density spore  $10^8$ . The results of this study showed that the concentration of the fungus *Beauveria bassiana* against *Riptortus linearis* F. had a significant effect on mortality at a concentration of  $10^8$ . However, it had no significant effect on population and attack intensity.

**Keywords :** *Beauveria bassiana*, *Riptortus linearis* F, Soybean edamame