

**UJI EFEKTIVITAS PENGENDALIAN HAMA KUTU BERAS  
(*Sitophilus oryzae* L) DENGAN EKSTRAK DAUN PANDAN  
WANGI (*Pandanus amaryllifolius* )**

*The Effectiveness Pest control Rice Weevil ( *sitophilus oryzae*) with  
extract of fragrant pandan leaves ( *pandanus amaryllifolius*)*

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**ABSTRACT**

*A research about “The Effectiveness Pest control Rice Weevil ( *sitophilus oryzae*) with extract of fragrant pandan leaves ( *pandanus amaryllifolius*” was conducted in Protection Laboratory, Faculty of Agricultural, Muhamadiyah University of Yogyakarta from March until April 2016. The purpose of this research is to find proper dose from fragrant pandan leaves extract that effective for controlling rice weevil and to find out the influences of the fragrant pandan leaves extract toward the quality of rice.*

*The research used experimental method with a single factor that arranged in a complete randomized design. The treatment was concentration of concentration of dry and fresh fragrant pandan leaves extract that consisted as 3 level of treatments including 5g, 10g, 20g and added two treatments were no pesticides and chemical pesticides of 0,00025/ 0,25g Alluminium Phosphide as comparator. Each treatment is for 50g rice and 10 rice weevil. Treatments was repeated 3 times for total are 24 units.*

*The result of the research that fresh fragrant pandan leaves extract was effective for control rice weevil and dried fragrant pandan leaves extract was less effective for control rice weevil. The extract dried and fresh fragrant pandan leaves causing a decrease in the quality color, aroma and flavour of rice.*

**Keyword:** *fragrant pandan leaves, rice weevil and rice.*