

**UJI TINGKAT KETINGGIAN PEMASANGAN PERANGKAP
FEROMON DALAM PENGENDALIAN KUMBANG TANDUK (*Oryctes
Rhinoceros L.*) PADA TANAMAN KELAPA**

**Effects of Feromon Trap Height for Controlling Rhinoceros Beetle (*Oryctes
rhinoceros L.*) In Coconut Plant**

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ABSTRACT

*A research aims to examine the effect of the pheromone trap height on the number of *O. rhinoceros* and to obtain an effective pheromone trap height for controlling the *O. rhinoceros* in coconut plants. The research was conducted from October 2017 to January 2018 at the core estate and smallholder coconut in Kotabaru Village, Keritang Sub-district, Indragiri Hilir Regency, Riau Province. A single-factor experiment was arranged in a completed randomized block design with 3 blocks as replication. The treatment was the height of a pheromone trap consisting of 0 meters, 2 meters, 4 meters, 6 meters, and 8 meters. The parameters were the number of trapped *O. rhinoceros*, the weight of trapped *O. rhinoceros*, the size of trapped *O. rhinoceros*, and other trapped macroorganisms. The results of the research showed that the 2,6 meters above ground level pheromone trap were the height of the trap which captured the maximum of *O. rhinoceros*, and making it the most optimal for controlling the *O. rhinoceros* pests in coconut plants*

Keywords: Coconut, Horn beetle, Pheromone, Trap height