

**COMPARISON BETWEEN POPULATION DENSITY OF (*Oryctes rhinoceros*) IN
OIL PALM UiTM JASIN AND PEMBANGUNAN PERTANIAN MELAKA SDN. BHD
(PPMSB)**

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ABSTRACT

COMPARISON BETWEEN POPULATION DENSITY OF (*Oryctes rhinoceros*) IN OIL PALM UiTM JASIN AND PEMBANGUNAN PERTANIAN MELAKA SDN. BHD (PPMSB)

The population of rhinoceros beetle (*Oryctes Rhinoceros*) were investigated in 2 different areas which is oil palm in UiTM Jasin and Pembangunan Pertanian Melaka Sdn. Bhd (PPMSB), only by using pheromone trap. The study was conducted because these studies want to know if this crop age contributes to the population of a rhinoceros beetle. The objective of this study is to identify the different of rhinoceros beetle number between 2 different areas and their potential threat. The method, 4 pheromone traps was installed in each area. 1 trap can cover 2 hectare, for oil palm Uitm Jasin are only 18 acre, while at PPMSB there are also 18 acres. The data was collected twice a week about 5 weeks. Pembangunan Pertanian Melaka Sdn Bhd has large number of rhinoceros beetle which is 103 while the lowest is oil palm Uitm Jasin area, which is 49. The conclusion is population rhinoceros beetle highest at the Pembangunan Pertanian Melaka Sdn Bhd (PPMSB) due to the *Oryctes rhinoceros* behaviour itself that preferred to feed on the young palm as much different in term of the palm tree growth and physical characteristic.

Keywords: population of rhinoceros beetle, pheromone trap, oil palm, crop