

Current Status of Major Pests of Oil Palm Plantation at Felda Jengka, Pahang

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A survey has been conducted based on the importance of the oil palm production nowadays. The existence of the major pest such as bagworm (*Metisa plana* and *Mahasena corbetti*), neetle caterpillar (*Setora nitens*), termites (*Captotermes* spp.) rhinoceros beetle (*Oryctes rhinoceros*), and rat (*Rattus tiomanicus*) in oil palm have an impact to the oil palm production. The objective of this study is to identify the current status of major pests in oil palm plantations. In this study, the questionnaire is representing as the primary data for the survey. Seventy eight sets of questionnaire have been distributed to the officer in charge. Based on the respondents, two major pests have been identified that is rhinoceros beetle and rats. The result showed that most of the respondents saying that rats (71%) and rhinoceros beetle (29%) have given a serious damage to the oil palm production in FELDA Jengka. Test distribution for the questionnaire is normal based on the Kolmogorov-Smirnov statistical analysis. In conclusion, this study can be the pre-alert to controlling the major pest of oil palm. The status of oil palm plantation, environment conditions and their problems in FELDA Jengka were also discussed.

Keywords: Oil palm, rats, rhinoceros beetles, bagworms, Jengka.

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