

**CURRENT OUTBREAK STATUS OF GOLDEN APPLE SNAIL,
Pomacea canaliculata AT MERLIMAU, MELAKA**

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ABSTRACT

CURRENT OUTBREAK STATUS OF GOLDEN APPLE SNAIL, *Pomacea canaliculata* AT MERLIMAU, MELAKA

Golden apple snail, *Pomacea canaliculata* is usually considered as worst invasive pest species with the aid of completely removing stems from plant bases and leaves, causing in the death of plants. This study was conducted to determine abundance of golden apple snail (GAS) population in paddy field and the most attack development stages of paddy cultivation by golden apple snail. The data sampling was conducted from 4th January 2019 until 15th February 2019 in Merlimau, Melaka. As the result show that population golden apple snail was low from week one until week six. Statistically, there was no significant difference between the mean population of golden apple snail in vegetative and reproductive stages. However, the mean population in vegetative growth was higher compared to the reproductive growth of paddy. Numerous management ways involving the uses of chemical, cultural, physical and biological management techniques need to develop for the farmers to reduce the outbreak of golden apple snail.

Keywords: Pomacea canaliculata, population, paddy cultivation