

ชื่อเรื่อง

**Vegetables Pest Management by Using Essential Oil From Vetiver Grass  
(*Vetiveria Zizanioides* Nash)**

ชื่อผู้วิจัย

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**Abstract**

Essential oil from vetiver grass at the concentrations 1:100, 1:250 and 1:500 were applied to kale, chinese-radish and cucumber comparing with monocrotophos 30 cc/20 litre water and control at Pakchong Research Station, during 24 November 1993 to 31 January 1994. During the first week until the third week, it showed no significantly difference among the percentage of damages to kale, the fourth week it was significant difference. Chinese-radish during the first week until the third week, the percentage of damage was significantly different and non-significant during the fourth week until the sixth week. Monocrotophos applied to Kale and chinese-radish was more effective than essential oil when the number of insects were high and there were non-significant. When the number of insects was decreased in cucumber, it was non-significantly different of those percentage of damage from the first week until the seventh week. No difference between essential oil and monocrotophos applying because useful insects were found in the cucumber plots. After harvesting, it showed no significant difference between yields.