

### Abstract

The Siamese grain beetle (*Lophocateres pusillus* Klug.) is now well established and often exists in large numbers on both paddy and milled rice in some Asian countries. Biological data and life table were examined on both conditions, laboratory ( $25\pm 2^{\circ}\text{C}$ , 75-80% RH) and room temperature condition. Life table parameters, reproductive rate ( $R_0$ ) and intrinsic rate of increase ( $r$ ) of laboratory condition were significantly lower than when conducted in room temperature condition. Bioassays by impregnated filter paper test on *L. pusillus* female of *Cleome gynandrs* (L.) Brig and *Cleome chelidonii* L., methanolic extracts indicated high toxicity. The results demonstrate the potential of using this phytochemicals as contact insecticide for the control of stored-product insects.