MỘT SỐ ĐẶC ĐIỂM SINH VẬT HỌC VÀ HIỆU LỰC PHÒNG TRỪ CỦA MỘT SỐ LOẠI THUỐC TRỪ SÂU ĐỐI VỚI SÂU VẼ BÙA (*Phyllocnistis citrella* Stainton) GÂY HẠI CÂY QUÝT HƯƠNG CẦN TẠI THỪA THIÊN HUẾ

Biological Characterictis and Field Efficacy of Insecticides for Control the Citrus Leafminer (*Phyllocnistis citrella* Stainton) on Huong Can Tangerine in Thua Thien Hue Province, Vietnam

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Abstract

Huong Can tangerine is a local variety of Thua Thien Hue province. The citrus leafminer *Phyllocnistis citrella* Stainton is a serious insect pest on the tangernine. This study were to indentify some biological characteristics of the citrus leafminer on Huong Can tangerine in the laboratory and to evaluate efficacy of some chemical insecticides and the extract from Pongam leaf (*Pongamia pinnata L.)*for the control of the citrus leafminer in the field. The results shown that on Huong Can tangerine with the temperature of 27,5^{o}C, life cylcle of the cirus leafminer was 16.2 days. The logevity of female adult was 6.5 days. The fecundity was 25.6 eggs. Oviposition peak was on 2 days after emergence. Insecticides named Trigard 100SL, Confidor 100SL, Vibamec1.8EC and the extract from pongam leaves were high efficacy for control of the citrus leafminer. Trigard 100SL was highest efficacy. The pongam leaf extract was similar efficacy with other chemical insecticides at 7 days after treatment.

Keywords*:* Insecticide efficacy, fecundity, Huong Can tangerine, life cicle, *Phyllocnistis citrella*.