



قائمة البحوث المقدمة للترقية

قائمة الأبحاث العلمية للدكتورة / سلوي سيد باشا بغيض مدرس الحشرات- قسم وقاية النبات - كلية الزراعة - جامعة الفيوم.

1- **Salwa S. Pasha, (2019).** Efficacy of Some Insecticides in Controlling the Confused Flour Beetle, *Tribolium confusum* (Du Val), by Using Three Different Techniques. Journal of Plant Protection and Pathology, 12 (12):823-826.

ABSTRACT: The purpose of this study is to compare the efficacy of three commercial pesticides, malathion, emamectin benzoate, and lambda against the confused flour beetle, *Tribolium confusum* (Duval) using three different techniques (food mixing, spray, and particle film) for use it's the IPM programs. The results after 24 hour exposure indicated that, with mixed food the LC50 values for lambada, malathion, and emamectin benzoate were 0.055, 1.14, and 1.17 %, respectively. Lambda had LC50s of 9.46 ppm and 11.48 ppm in Spray insect and Particle Film treatments respectively, whereas emamectin benzoate had LC50s of 332.51 ppm and 265.94 ppm. The malathiothe had the lowest toxicity in both treatments, with 642.54 ppm and 418.98 ppm, respectively. In all different treatments of tested insecticides, lambada is the most toxic, followed by emamectin benzoate, which is the second most lethal and has the greatest slope (very acute toxicity).

Keywords: *Tribolium confusum*, insecticides, lambada, malathion, emamectin benzoate.