

## EVALUATION OF SOME COMPOUNDS FROM PLANT ORIGIN FOR CONTROLLING *SESAMIA CRETICA* LED. IN MAIZE UNDER FIELD CONDITIONS

YACOUB, SH. S.<sup>1</sup>, AMANY S. EL-HEFNY<sup>1</sup> AND RASHA A. EL-HOSARY<sup>2</sup>

1. Plant Protection Research Institute, ARC, Dokki, Giza
2. Fac. of Agric., Benha University

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### **Abstract**

Dodonia leaves and Sour orange (water and acetone extracts) in addition to some compounds derived from plant origin were evaluated in controlling *Sesamia cretica* throughout early summer season 2009. The treatments which caused the best results against *S. cretica* egg-masses, larv ae, number of dead hearts were Nat-com 40 (jojoba oil) and Tresser, water dodonia extract and sour orange extracted in petrolum ether. Subsequently, gained the highest yield of 26.7 ardab / feddan. Data showed that a significant negative correlation between yield and each of *S. cretica* traits. The composition of the experimental plants were obtained from some scientific sites on the wide world web.