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Document Title : دراسة التأثير الطفري و المضاد للطفور لعقار الأوكسيكام ومستخلص نبات الزنجبيل في حشرة الدروسوفلا ميلانوجاستر
دراسة التأثير الطفري و المضاد للطفور لعقار الأوكسيكام ومستخلص نبات الزنجبيل في حشرة الدروسوفلا ميلانوجاستر

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Abstract : In this study , Drosophila melanogaster males were treated with Oxicam and Ginger plant alone and then combined for detection . Two tests were used for detection of the mutagenic effect , Sex Linked Recessive Lethal test (SLRL) and estimation of cholinesterase activities (ChE) . The result indicated that both of Oxicam and Ginger didnt increase (SLRL) in single and combined treatments . In contrast , estimation of (ChE) activities showed significant effects in all broods with single and combined treatments , except some broods of female in the first generation . In this study we concluded that , estimation of (ChE) enzyme activity . Showed to be more sensitive detector for mutagenic effect than (SLRL) .

Supervisor : د/ندى بنت حسن التواتي القرشي

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