

البحث السادس

العنوان باللغة العربية: معاملة اشجار التوت ببعض المبيدات وتأثيرها على انتاجية دودة الحرير التوتية.

العنوان باللغة الإنجليزية: Treatment of mulberry trees with some insecticides and their effect on productivity of silkworm, *Bombyx mori* L.

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الملخص الانجليزي :

During spring season of 2019 the effect of two insecticides (Cymbush[®]&Tracer[®]) on larvae of *Bombyx mori* L. were studied at Plant Protec. Dept. Fac. of Agric., Fayoum Univ. Insecticides were sprayed on mulberry trees by concentration 1ml/l . of Cymbush[®] and 0.1ml/l. of Tracer[®] .Mulberry leaves were harvested on to three times (after 3,6,9,12 days).Results show that, the 5th instar larval mortality percentages increased , where data ranged between 18.30% in Cymbush[®] and 10.21% in Tracer[®] compared to 9.93% in control. While cocooning percentages, cocoon shell ratio and silk productivity were decreased when comparing to control, where data ranged between 74.00% in Cymbush[®], 89.08% in Tracer[®] , 12.00% in Cymbush[®],19.07% in Tracer[®] and 1.021 cg/day in Cymbush[®], 1.800 cg/day in Tracer[®] , respectively compared to 93.00%, 19.77% and 1.910 cg/day in control, respectively.