

## EFFECT OF HONEY BEE PRODUCTS ON SOME BIOLOGICAL PARAMETERS OF THE MULBERRY SILK WORM *Bombyx mori* L.

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### ABSTRACT

The present work aims to study the effect of some bee products and their mixture on certain biological parameters of local and foreign races of the mulberry silkworm *Bombyx mori* L.

The results indicated that the treatment with royal jelly at 0.02 and 0.03 g/100 ml water gave increased weight of larvae, pupa, cocoon shell and diposited eggs/femal in comparison significantly to the control in foreign race, while propolis at 0.1g/100 ml water gave lowest effects on some biological parameters. The mixture of royal jelly 0.02 and pollen 0.2 g / 100 ml water gave highest effects on the biological parameters of foreign race, while the mixture royal jelly 0,02 and propolis 0,1 g / 100 ml water gave Lowest effects. It was found that pollen at concentrations of 0.2 and 0.3 g / 100 ml water gave highest effects on the biological parameters than propolis at 0.1 g / 100 ml.