

# **Relative Efficacy of Antibiotics on Larval and Cocoon Parameters of Silkworm Infected with *Bacillus thuringiensis* var. *kurstaki***

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## **ABSTRACT**

Among six antibiotics tested, with “norfloxacin” lowest larval mortality (22.43%), highest larval weight (3.01 g), cocoon weight (1.67 g), shell weight (0.27 g) and shell percentage (15.92%) was noticed. Among different concentrations used at 1500 ppm concentration the larval mortality was lowest (32.82%). Among different methods of application of antibiotics tested, with spraying highest cocoon parameters were reported, and also the larval mortality was reduced.

**Key words :** Antibiotics, *Bacillus thuringiensis* var. *kurstaki*, Bacterial flacherie, *Bombyx mori*, Sericulture, Silkworm, Norfloxacin