



Virulence of *Bacillus thuringiensis* isolates against *Chilo partellus* (Swinhoe)

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Abstract: The spore crystal complex of five *Bacillus thuringiensis* isolates were prepared and evaluated against second and third instar larvae of *Chilo partellus* (Swinhoe) under laboratory conditions. Among these isolates, *Bacillus thuringiensis* 4D4 caused 82.22 per cent mortality against second instar larvae after 10 days of treatment and was at par with MTCC 868 and commercial formulation DELFIN. Similarly, *Bacillus* isolate MTCC 868 caused 75.55 per cent mortality against third instar larvae and was at par with 4D4 and DELFIN.

Key Words: *Bacillus thuringiensis*, Efficacy, *Chilo partellus*, Bioassay
