

EFFICIENCY OF *Beauveria bassiana* BALS., VUILL. AGAINST THREE SPECIES OF CORN STEM BORERS

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A strain of *Beauveria bassiana* was isolated from diapause adult weevils, *Hypera brunneipennis* Boh. [Curculionidae; Coleoptera] on PDA medium. Five concentrations, 1, 2.5, 5, 7.5 x 10⁷, and 1x10⁸ conidia/ml were tested against larvae of *Ostrinia nubilalis* [Hbn.], *Sesamia cretica* Led., and *Chilo agamemnon* Bles. Mortality ranged 40-90%, 25-70%, and 40-85%, respectively, in 12-14 days. *C. agamemnon* larvae were the most sensitive. Application in maize reduced *O. nubilalis* infestation [infested internodes or number of larvae] by 59%. In rice, *C. agamemnon* infestation was reduced by 72% [dead heart or white head]. Foliar and whorl applications were compared in the form of suspension or dust in maize. The foliar spray using 5x10⁷ conidia/ml was the most efficient with 60% reduction of *O. nubilalis* larvae.