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EFFICACY OF *TRICHOGRAMMA BRASILIENSE*, NUCLEAR POLYHEDROSIS VIRUS AND ENDOSULFAN FOR THE MANAGEMENT OF *HELICOVERPA ARMIGERA* ON TOMATO

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ABSTRACT – Evaluation of *Trichogramma brasiliense* Ashmead, Ha NPV and endosulfan was carried out alone and in combination for the control of tomato fruit borer, *Helicoverpa armigera* (Hubner).The studies were carried out for three years during 2006-2007 to 2007-2008. Based on the mean fruit damage and marketable yield, it was found that combination of *T. brasiliense* (5 releases at weekly interval @ 50,000/ha), Ha NPV (3 sprays at 10 day interval @ 1.5 x 10^{12} POB_s/ha) and endosulfan (3 sprays at 15 day interval @ 700 g.a.i/ha) proved most effective for the management of *H. armigera*. The bioagents and endosulfan alone were less effective.

Key words : Endosulfan, Ha NPV. *Helicoverpa armigera*, tomato, *Trichogramma brasiliense*.