RESEARCH ARTICLE

IN VITRO BIO-EFFICACY OF ENTOMOPATHOGENIC FUNGI BEAUVERIA BASSIANA (BALS.) VUILL., AGAINST GRAM POD BORER, HELICOVERPA ARMIGERA HUBNER ON CHICKPEA


Department of Entomology, College of agriculture, Indira Gandhi Krishi Vishwavidyalaya, Raipur-492012, Chhattisgarh, India
Email: ypsnirala@gmail.com

Received-15.06.2017, Revised-26.06.2017

Abstract: The present study was conducted at Bio-control lab, Department of Entomology, College of agriculture, Indira Gandhi Krishi Vishwavidyalaya, Raipur during 2015-16 and 2016-17. The results of in vitro experiments revealed that the 2-3rd instars larvae of Helicoverpa armigera susceptible to different doses of Beauveria bassiana. Mortality of larvae was started after 2-3 day of treatment. Among the doses of B. bassiana T1 (B. bassiana @5000g/ha) 0.00-75.00% show the maximum mortality followed by T2 (B. bassiana @3000g/ha) 0.00-45.00%, T3 (B. bassiana @2500g/ha) 0.00-32.00% and T4 (B. bassiana @2000g/ha) 0.00 to 15.00 % but superior than control T0 (0.00 %) in both the year.

Keywords: Chickpea, Helicoverpa armigera, Beauveria bassiana

REFERENCES


*Corresponding Author


