

# EFFICACY OF SOME PLANT EXTRACTS AS A TOXICANTS, ANTIFIDANTS OR GROWTH REGULATORS AGAINST *HELICOVERPA ARMIGERA* (HUBNER)

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**Abstract:** Fourteen plant extracts namely mango ginger rhizome, bergera leaf, calotropis leaf, tulsi leaf, thusa leaf, dhatura leaf, ipomia leaf, neem leaf, garlic leaf, ginger rhizome, bel leaf, harsingar leaf, neem cake and turmeric rhizome were tested for their toxic effect against the gram pod borer, *Helicoverpa armigera* (Hubner). Each extract was tested in three concentrations (100, 500 and 1000 ppm) incorporated in the semisynthetic diet. The mortality was recorded within three days in the higher concentration of thusa and dhatura leaf extracts and neem cake extracts other plant materials were comparatively slower. The mango ginger rhizome, bergera and tulsi leaf extract were the least effective.

**Keywords:** Growth regulators, Extract, Toxicant

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