



## RESEARCH PAPER

# Bio rationals management of mango hopper infesting mango (*Mangifera indica* L.) cv. Kesar

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**Abstract :** The present investigation on “biorationals management of mango hopper infesting mango (*Mangifera indica* L.)” was carried out at Fruit Research Station, Lal baug, College of Horticulture, Junagadh Agricultural University, Junagadh during two consecutive years 2022 and 2023, respectively. The results obtained on the efficacy of biorationals against hoppers that the treatment of Azadirachtin 1 EC @ 0.005 per cent was found superior with the lowest population of 3.04 hoppers per inflorescence. The pooled result of two years revealed that significantly higher (90.87 q/ha) fruit yield of mango was obtained when trees treated with Azadirachtin 1 EC @ 0.005 per cent, which was at par with Azadirachtin 1 EC @ 0.003 per cent (84.40 q/ha) and it was followed by *Lecanicillium lecanii* 1.15% WP @ 0.009 per cent (75.35 q/ha)

**Key Words :** Mango hopper, Biorational, Bioefficacy, Entomopathogens, Management

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