Mango Stem borer

Batocara rufomaculata,
Batocera rubus
Coleoptera
Cerambycidae
Symptoms of damage

- Grub tunnels in the sapwood on the trunk or branches
- Grub bore into the sap wood and macking irregular tunnels.
- Feeding the vascular tissues
- Interruption of nutrient and water transport on the tissue
- Drying of terminal shoot in early stage
- Frass comes out from several points and some times sap oozes out of the holes
- Wilting of branches or entire tree
Damage symptoms
Identification of pest

- **Grub** - Linear, fleshy, apodous
- **Adult** - Grayish beetle with two pink dots and lateral spine
Life cycle

Complete metamorphosis

Total life cycle in A year

One Generation in a year

- Egg: 5 - 8 days
- Larva: 2 - 3 days
- Pupa: 10 - 12 months
- Adult: 3 - 4 weeks
Management

• Remove and destroy dead and severely affected branches of the tree
• Remove alternate host, silk cotton and other hosts
• Grow tolerant mango varieties viz., Neelam, Humayudin.
• Swab Coal tar + Kerosene @ 1:2 or Carbaryl 50 WP 20 g / l (basal portion of the trunk - 3 feet height) after scraping the loose bark to prevent oviposition by adult beetles.
• If infestations are severe then apply the copper oxychloride paste on the trunk of the tree.
• One celphos tablet (3 g aluminum phosphide) per hole
• Apply carbofuran 3G 5 g per hole and plug with mud.
Management
Red cotton bug: https://www.agristudyinfo.com/red-cotton-bug/
Cotton jassid: https://www.agristudyinfo.com/cotton-jassid/
Pink bollworm: https://www.agristudyinfo.com/pink-bollworm/
Spotted bollworm: https://www.agristudyinfo.com/spotted-bollworm/
Caster semilooper: https://www.agristudyinfo.com/caster-semilooper/
Castor Capsule borer: https://www.agristudyinfo.com/castor-capsule-borer/
Groundnut Aphid: https://www.agristudyinfo.com/groundnut-aphid/
Mustard aphid: https://www.agristudyinfo.com/mustard-aphid/
Painted bug: https://www.agristudyinfo.com/painted-bug/
Mustard sawfly: https://www.agristudyinfo.com/mustard-sawfly/
Ber fruit fly: https://www.agristudyinfo.com/ber-fruit-fly/
Brinjal shoot & fruit borer: https://www.agristudyinfo.com/brinjal-shoot-fruit-borer/
Cabbage caterpillar: https://www.agristudyinfo.com/cabbage-caterpillar/
• Diamond back moth: https://www.agristudyinfo.com/diamond-back-moth/
• Cabbage sime looper: https://www.agristudyinfo.com/cabbage-sime-looper/
• Anar butterfly: https://www.agristudyinfo.com/anar-butterfly/
• woolly aphid: https://www.agristudyinfo.com/woolly-aphid/
• Fruit borer: https://www.agristudyinfo.com/furit-borer-gram-pod-borer-gram-caterpillar/
• Citrus caterpillar/ lemon butterfly: https://www.agristudyinfo.com/citrus-caterpillar-lemon-butterfly/
• Citrus Psylla: https://www.agristudyinfo.com/citrus-psylla/
• Mango,Guava fruitfully: https://www.agristudyinfo.com/mangoguava-furitfly/
• Mango hoppers: https://www.agristudyinfo.com/mango-hoppers/
• Mango Stem borer: https://www.agristudyinfo.com/mango-stem-borer/
• Melon fruit – fly: https://www.agristudyinfo.com/melon-fruit-fly/
• Okra: Shoot and fruit borer: https://www.agristudyinfo.com/okra-shoot-and-fruit-borer/
• Onion & Garlic Thrips: https://www.agristudyinfo.com/onion-garlic-thrips/
• Ornamental pests: https://www.agristudyinfo.com/ornamental-pests/
Thank you