

## Mango leafhoppers (263)

### Summary

- Narrow distribution. Southeast Asia, Oceania. On mango. There are two kinds of leafhoppers. Important pests.
- Adults dark brown, 4-5 mm, wedge shaped, breeding in flowers or in flowers and new leaf flushes. They cause flowers to brown and dry; and their honeydew excreta promotes black fungal growth on the leaves.
- Spread long distance via the nursery trade.
- Cultural control: none recommended.
- Chemical control: use synthetic pyrethroids or dimethoate. In Australia, two sprays are applied 7 days apart before flowering (reducing risk to pollinators). Dimethoate is sprayed or injected. (In Australia, dimethoate has been under review since mid-2015. It is no longer allowed for home garden use.)

### Common Name

Mango leafhoppers

### Scientific Name

*Idioscopus nitidulus* and *Idioscopus clypealis*.



Photo 1. Adult mango leafhoppers, *Idioscopus nitidulus*.



Photo 2. Nymphs of the mango leafhopper, *Idioscopus nitidulus*.



Photo 4. Sooty mould on leaves and fruit growing on honeydew deposited by the mango leafhopper, *Idioscopus nitidulus*.



Photo 3. Sooty mould on leaves growing on honeydew deposited by the mango leafhopper, *Idioscopus nitidulus*.

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Information from CABI (2015) *Idioscopus nitidulus* (mango leafhopper) and *Idioscopus clypealis* (mango leafhopper) Crop Protection Compendium. (<https://www.cabi.org/cpc/datasheet/28472>) and (<https://www.cabi.org/cpc/datasheet/28470>), respectively; and from Chin D et al. (2010) Field guide to pests, beneficials, diseases and disorders of mangoes. Northern Territory Government, Department of Resources, Australia. ([https://dpir.nt.gov.au/\\_data/assets/pdf\\_file/0006/227832/mango\\_field\\_guide.pdf](https://dpir.nt.gov.au/_data/assets/pdf_file/0006/227832/mango_field_guide.pdf)). Photos 1-4 Joel Miles, National Invasive Species Coordinator, Bureau of Agriculture, Ministry of Natural Resources, Environment & Tourism, Republic of Palau.

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