



## Pacific Pests, Pathogens & Weeds - Mini Fact Sheet Edition

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### Mango bacterial black spot (213)



Photo 1. Angular spots on the leaf, and cankers on the stem, caused by bacterial black spot, *Xanthomonas axonopus* pv. *mangiferaeindicae*.

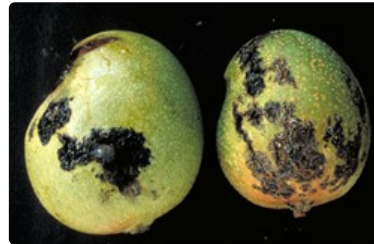


Photo 2. Black irregular-shaped spots on mango fruit, with cracks (right), caused by bacterial black spot, *Xanthomonas axonopus* pv. *mangiferaeindicae*.

#### Summary

- Worldwide distribution. In sub-tropics and tropics. On mango and cashew. An important disease.
- Black, angular greasy spots bordered by veins often with yellow halos. Spots merge. Similar on fruits. Flower infections occur; stem cankers cause dieback.
- Spread in wind and rain, insects and via the nursery trade.
- Cultural control: disease free rootstocks and scions; nurseries far from orchards; windbreaks to protect orchards; harvest by cutting fruit stalks; prune after harvest and burn cuttings; tolerant varieties.
- Chemical control: copper every 2-4 weeks, except during flowering, when mancozeb used instead.

#### Common Name

Mango bacterial black spot

#### Scientific Name

*Xanthomonas axonopus* pv. *mangiferaeindicae*

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Information from *Diseases of fruit crops in Australia* (2009). Editors, Tony Cooke, Denis Persley, Susan House. CSIRO Publishing. Photos 1&2 Kohler F, Pellegrin F, Jackson G, McKenzie E (1997) *Diseases of cultivated crops in Pacific Island countries*. South Pacific Commission. Pirie Printers Pty Limited, Canberra, Australia.

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This mini fact sheet is a part of the app *Pacific Pests, Pathogens & Weeds*

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