



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

<https://apps.lucidcentral.org/ppp/>

### Banana diamond leaf spot (072)



Photo 1. Large diamond-shaped spots of *Cordana musae*, parallel to the leaf veins.



Photo 2. Association of diamond leaf spot, *Cordana musae*, with leaf spots of banana black cross, *Phyllachora musicola*. The suggestion is that *Cordana* is a weak pathogen needing a wound to infect.



Photo 3. Diamond leaf spots, *Cordana musae*, centred on those of banana black cross, *Phyllachora musicola*.



Photo 4. Leaf spots of *Cordana johnsonii*, up to 2 cm x 1 cm, brown or grey on lower surface, with small black centres. Paler on upper surface. (This is a photo of a herbarium-dried leaf.)

### Summary

- Widespread. In the tropics ("old world"). On banana only.
- Oval to diamond-shaped spots up to 10 cm, brown, zoned, with yellow margins, often on spots of black cross (*Phyllachora*). Often merge at leaf margin.
- Spores on underside, turning spots greyish/brown.
- Minor importance on Cavendish; more severe on cooking bananas. Worse if misting oils used for black Sigatoka disease control.
- Cultural control: resistant varieties.
- Chemical control: Unlikely to be needed.

### Common Name

Banana (*Cordana*) leaf spot, banana diamond leaf spot

### Scientific Name

*Cordana musae*

AUTHORS Helen Tsatsia & Grahame Jackson

Photo 4 (taken by Eric McKenzie), and used in this fact sheet, appeared previously in McKenzie E (2013) *Cordana johnsonii* PaDIL - (<http://www.padil.gov.au>).

Produced with support from the Australian Centre for International Agricultural Research under project PC2010/090: *Strengthening integrated crop management research in the Pacific Islands in support of sustainable intensification of high-value crop production*, implemented by the University of Queensland and the Secretariat of the Pacific Community.

---

This mini fact sheet is a part of the app *Pacific Pests, Pathogens & Weeds*  
The mobile application is available from the Google Play Store and Apple iTunes.

