



Pacific Pests, Pathogens & Weeds - Mini Fact Sheet Edition

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

Banana mosaic (100)



Photo 1. Banana leaf showing light and dark green (mosaic) patterns on banana infected with *Cucumber mosaic virus*.



Photo 2. Light and dark green (mosaic) patterns on banana leaf infected with *Cucumber mosaic virus*. Note that some areas of yellow are continuous, whereas others show broken lines.



Photo 3. Leaves of snake gourd infected with *Cucumber mosaic virus* showing light and dark green patterns and distorted margins.



Photo 4. General yellowing throughout leaves of snake gourd, and distortions at the margins, in plants infected with *Cucumber mosaic virus*.

Summary

- Worldwide distribution in temperate, sub-tropical and tropical countries. Very wide host range: cucurbit, bean, potato families, weeds as well as crops. A minor disease of banana.
- Light and dark green dots, short lines or patches along the veins; sometimes distortions. Later, new leaves appear healthy.
- Aphids spread sap and virus from diseased to healthy plants, moving by wing or wind between them.
- Cultural control: not appropriate as disease is not important on banana; important for many other crops.
- Chemical control: insecticides are not appropriate, mineral oil repel aphids and may reduce virus spread.

Common Name

Banana mosaic, cucumber mosaic, infectious chlorosis.

Scientific Name

Cucumber mosaic cucumovirus. The abbreviation for this virus is CMV. There are a number of strains.

AUTHORS Helen Tsatsia & Grahame Jackson

Photo 1 *Diseases of fruit crops in Australia* (2009). Editors, Tony Cooke, Denis Persley, Susan House. CSIRO Publishing.

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.

