



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

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### Bean common mosaic (043)



Photo 1. Long bean infected by *Bean common mosaic* virus showing distorted leaves with light and dark green patches.



Photo 2. Infection of long bean leaf by *Bean common mosaic* mostly along the veins.



Photo 3. Old leaf of long bean showing yellow and green patches (called a mosaic) from infection by *Bean common mosaic virus*.



Photo 4. Mosaic symptoms typical of infection by *Bean common mosaic virus* in yard long bean.

### Summary

- Worldwide distribution. Pasture and food legumes, e.g., yard long and French bean, and weeds, e.g., wild passion fruit. Important disease that lowers pod yields.
- Plants stunted, leaves distorted with light and dark green patches. Spread by aphids, seed (>30%) and, less importantly, in pollen.
- Cultural control: select healthy plants for seed; do not plant new crops next to old; interplant food legumes with maize; resistant varieties (in Africa mixtures of e.g., yard long bean varieties planted together); collect and burn trash after harvest.
- Chemical control: not a method for aphid control.

### Common Name

Bean common mosaic virus, common mosaic of beans.

### Scientific Name

*Bean common mosaic virus*

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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.

