



Pacific Pests, Pathogens & Weeds - Mini Fact Sheet Edition

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Bean (*Vigna*) rust (234)



Photo 1. Rust, *Uromyces vignae*, on the upper surface of a long yard bean leaf.

Summary

- Worldwide distribution. On *Vigna* species, crops (cowpea, long bean) and weeds. Another species infects *Phaseolus*. Rust comes late, and the impact is relatively small.
- Reddish-brown, circular pustules with yellow halos on leaves and pods, producing powdery spores.
- Spread by spores blown in the wind.
- Cultural control: plant beans with maize, at random, not in rows; use a 2-year crop rotation; do not plant overlapping crops; resistant varieties; collect and burn trash after harvest.
- Chemical control: use mancozeb, starting when the spots are first seen.

Common Name

Bean rust

Scientific Name

Uromyces vignae

AUTHOR Grahame Jackson

Photo 1 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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