



Pacific Pests, Pathogens & Weeds - Mini Fact Sheet Edition

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

Algal leaf spot (148)

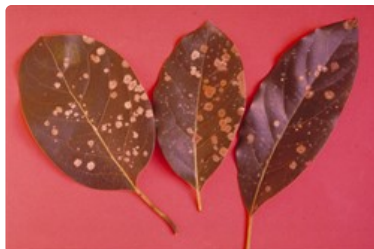


Photo 1. Algal leaf spots, *Cephaleuros virescens*, on avocado leaves.



Photo 2. Close-up of algal leaf spots, *Cephaleuros virescens*, showing the stalks which have spores at their tips. The spores are spread in wind and rain.

Summary

- Worldwide in sub-tropics and tropics. On many fruit trees, palms and spice crops. A minor disease in areas of high temperature and rainfall.
- Spots green to orange, (sometimes black) 2-4 mm, flattened, with furry growth, and indistinct margins, sometimes resulting in leaf fall and shoot dieback.
- Worse with poor nutrition, poor drainage, too much or too little shade.
- Cultural control: prune low-hanging branches; check growing conditions – drainage, nutrition, shade, adjust tree density to allow air movement, weed.
- Chemical control: no recommendations.

Common Name

Algal leaf spots, red rust (tea and coffee)

Scientific Name

Cephaleuros virescens, *Cephaleuros minimus*, *Cephaleuros parasiticus*

AUTHORS Helen Tsatsia & Grahame Jackson

Information from Gerlach WWP (1988) *Plant diseases of Western Samoa*. Samoan German Crop Protection Project, Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH, Germany. 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.

Produced with support from the Australian Centre for International Agricultural Research under project PC/2010/090: *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.





Australian Government
Australian Centre for
International Agricultural Research

Copyright © 2020. All rights reserved.