

Kauri rust (236)

Summary

- Narrow distribution. Southeast Asia, Oceania. On kauri only. A minor disease.
- Raised galls form, up to 20 mm diameter and 5 mm high. Within them are white to yellow pustules that produce spores. The underside of the pustules are often depressed.
- Spread occurs as the spores are blown by wind.
- Cultural control: none recommended.
- Chemical control: none recommended.

Common Name

Kauri rust

Scientific Name

Aecidium fragiforme. There are two rusts known on *Agathis*, *Aecidium fragiforme* and *Aecidium balansae*. The latter occurs in New Caledonia.

AUTHOR Grahame Jackson

Information from McKenzie E (2013) *Aecidium fragiforme*: PaDIL - <http://www.padil.gov.au>; and from Rust fungi of Australia. (<https://collections.daff.qld.gov.au/web/key/rustfungi/Media/Html/aecidiumfragiforme.html>). Photos 1&2 Kohler F, et al. (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.



Photo 1. Raised spots or galls of kauri rust showing pustules (aecia) of *Aecidium fragiforme*.



Photo 1. Close-up of raised spot or galls of kauri rust, *Aecidium fragiforme*, containing aecia.

Copyright © 2022. All rights reserved.



Australian Government
Australian Centre for
International Agricultural Research



Web edition hosted at <https://apps.lucidcentral.org/pppw>