



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

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

### Potato common scab (293)



Photo 1. Common scab on potato, *Streptomyces scabiei*.

#### Summary

- Worldwide distribution. On members of several plant families, potato, radish, parsnip; most important on potato. A cosmetic disease.
- Appearance affects market quality, but not yield.
- A soilborne bacterium causes corky pits, sometimes deep and joining together, up to 10 cm. Survives a long time in soil. Spread on tubers for planting.
- Cultural control: healthy seed; avoid organic matter; remove volunteers; clean machinery, shoes, etc., to prevent spread to scab-free fields; 3-4-year crop rotation; collect and destroy infected tubers at harvest; avoid livestock going to fields after feeding on diseased tubers.
- Chemical control: treat seed with captan or mancozeb

#### Common Name

Common scab of potato

#### Scientific Name

*Streptomyces scabiei*; previously, *Streptomyces scabies*.

---

AUTHOR Grahame Jackson

Information from *Diseases of vegetable crops in Australia* (2010). Editors, Denis Persley, Tony Cooke, Susan House. CSIRO Publishing. Photo 1 RW Samson, Purdue University, Bugwood.org.

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.





Australian Government  
Australian Centre for  
International Agricultural Research

---

*Copyright © 2020. All rights reserved.*