



Pacific Pests, Pathogens & Weeds - Mini Fact Sheet Edition

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

Tomato fruit splitting (164)



Photo 2. Splitting of tomato fruit caused by irregular water supply.



Photo 1. Splitting of tomato fruit caused by irregular water supply.

Summary

- Worldwide distribution. Tomato. Not a disease, a physiological disorder that occurs when water supplies or temperature change suddenly.
- There are two reasons for the disorder: (i) cracks start in dry weather, and then when water arrives fruits fill and burst; or (ii) water arrives, and the inside of the fruit grows faster than the skin. Usually, the splitting happens near harvest.
- Cultural control: ensure adequate nutrition, but not excessive amount of N; water plants regularly during dry times; apply a thick mulch to keep soil moist; harvest early and ripen in warm, dark place; test different varieties – those bred in recent years show greater resistance.

Common Name

Tomato fruit slitting, tomato fruit cracking

Scientific Name

This is not a disease; it is a physiological disorder.

AUTHOR Grahame Jackson

Photo 1 Royal Society of Horticulture. (<http://rhs.org.uk/advice/profile?PID=393>).

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.