



Pacific Pests, Pathogens & Weeds - Mini Fact Sheet Edition

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Cucumber target spot (189)



Photo 1. Angular leaf spot of cucumber, *Corynespora cassicola*.



Photo 2. Leaf spot, *Corynespora cassicola*, causing serious yellowing, wilt and leaf drop on cucumber.



Photo 3. Angular leaf spots, *Corynespora cassicola*, on cucumber.



Photo 4. Angular leaf spots, *Corynespora cassicola*, on cucumber. Note, fruits are not attacked.



Photo 5. Close-up, angular leaf spots, *Corynespora cassicola*, on cucumber.

Summary

- Worldwide distribution. In the tropics. On a wide range of crops, including, beans and other legumes, capsicum, cucumber and other cucurbits, lettuce, papaya (see **Fact Sheet no. 300**), tomato. Ornamentals and weeds are also hosts. The fungus causes an important disease of tomato in Pacific islands (see **Fact Sheet no. 163**).
- Numerous yellow, round or angular spots, bordered by veins, causing leaves to dry out rapidly and fall. Spread by wind-blown rain.
- Cultural control: avoid planting near older infected crops; plant far from blocks of papaya; check seedlings for symptoms; use a trellis to aid air circulation; weed; do not work in the crops when wet; collect and burn trash after harvest; 3-year crop rotation.

- Chemical control: chlorothalonil, copper, mancozeb, start when spots seen, and then at 10-14 day intervals.

Common Name

Cucumber target spot, cucumber leaf spot, *Corynespora* blight

Scientific Name

Corynespora cassiicola

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Photos 2&3 Konrad Englberger, Pohnpei, Federated States of Micronesia. Photo 4 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.

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The mobile application is available from the Google Play Store and Apple iTunes.

