



Pacific Pests and Pathogens - Mini Fact Sheet Edition

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Tomato target spot (163)



Photo 1. Target spots, *Corynespora cassiicola*, on tomato. The larger spots have rings or circles inside them.



Photo 2. Close-up to show the ring patterns in the leaf spots caused by target spot, *Corynespora cassiicola*, on tomato.



Photo 3. Target spot, *Corynespora cassiicola*, develops rapidly on tomato when conditions are suitable for the fungus.



Photo 4. Target spot, *Corynespora cassiicola*, defoliating tomato plants.



Photo 5. *Corynespora cassiicola* on papaya causing small angular spots.

Summary

- Widespread distribution. In the tropics. On tomato, papaya (**see Fact Sheet no. 300**), cucumber (**see Fact Sheet no. 189**), legumes and probably weeds. An important disease.
- Starts on older leaves, moving upwards rapidly in wet weather, destroying the entire plant.
- Spores are spread in wind-driven rain.
- Cultural control: check all seedling in nursery; do not plant new crops next to old; plant far from papaya (the trees commonly have

the same leaf spot disease); remove lower leaves after trusses picked; weed; after harvest, collect trash and burn; tolerant varieties; 3-year crop rotation.

- Chemical control: chlorothalonil, copper, or mancozeb. Start when spots seen, and continue until 3-4 weeks before last harvest.

Common Name

Target spot, leaf spot

Scientific Name

Corynespora cassiicola

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This mini fact sheet is a part of the app *Pacific Pests and Pathogens*

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

