



Pacific Pests, Pathogens & Weeds - Mini Fact Sheet Edition

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Bean Cercospora leaf spot (301)



Photo 1. Leaf spot of *Cercospora canescens* on long bean.



Photo 2. Leaf spot of *Cercospora canescens* on long bean.



Photo 3. Round, angular and merging brown leaf spots of *Cercospora canescens* on mung bean. Many of the spots show the typical grey centre.

Summary

- Worldwide distribution. Common on food legumes, e.g., French bean, long bean, cowpea, mung bean. Minor fungal disease on older leaves.
- Small brown flecks, expanding to brown, round, to slightly angular spots with grey centres, up to 1 cm diameter. Brown margins, sometimes with yellow halos. Spots occur on pods.
- Spores are spread in wind and rain. Survival is on seed, crop debris, and weeds.
- Cultural control: wide spacing (air movement); avoid overlapping crops; remove infected leaves; avoid overhead irrigation; weed; collect debris and destroy; crop rotation (maize, sorghum, root crops); tolerant varieties.
- Chemical control: treat seed: thiam, captan or mancozeb; sprays of copper, mancozeb if needed.

Common Name

Bean Cercospora leaf spot, Cercospora leaf spot

Scientific Name

Cercospora canescens. It is considered by some taxonomists to be identical with Celery early blight, *Cercospora apii* (see **Fact Sheet no. 136**), and the same as Cowpea Cercospora leaf spot, *Pseudocercospora cruenta* (see **Fact Sheet no. 303**).

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Information from *Diseases of vegetable crops in Australia* (2010). Editors, Denis Persley, Tony Cooke, Susan House. CSIRO Publishing. Photo 1-3 (taken by Eric McKenzie), and used in this fact sheet, appeared previously in McKenzie E (2013) *Cercospora canescens* PaDIL - (<http://www.padil.gov.au>).

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.

