

Cabbage ring spot (286)

Summary

- Worldwide distribution. In sub-tropics and temperate areas. On cabbage and other brassicas. An important disease.
- Spots, angular, dark with light centres up to 20 mm, with yellow halos, and black spore bodies. Early death of leaves; layers of leaves removed in storage.
- Spread as spores, blown in wind and rain.
- Cultural control: nursery far from production areas; nursery hygiene, soilless or pasteurised soil; 2-3-year crop rotation; avoid overlapping crops; weed; collect and burn trash after harvest.
- Chemical control: chlorothalonil, mancozeb, copper. Treat seed: thiram or hot water (50°C for 30 mins.).



Photo 1. Brown spots with light green haloes of cabbage ring spot, *Mycosphaerella brassicicola*.



Photo 2. Close-up of cabbage ring spot, *Mycosphaerella brassicicola*, showing the fruiting bodies in the centre of the spot that contain the spores.

Common Name

Cabbage ringspot

Scientific Name

Mycosphaerella brassicicola

AUTHOR Grahame Jackson

Information from Pest & disease fact sheet - *Mycosphaerella brassicicola*. HorticultureWeek. (<http://www.hortweek.com/pest-disease-factsheet-mycosphaerella-brassicicola/plant-health/article/1341919>); and from (including Photos 1&2) *Diseases of vegetable crops in Australia* (2010). Editors, Denis Persley, et al. CSIRO Publishing.

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.

Copyright © 2022. All rights reserved.



Australian Government
Australian Centre for
International Agricultural Research



Web edition hosted at <https://apps.lucidcentral.org/pppw>