

Ring Spot on Brassica

Recognize the problem

Ring spot affects crops such as kales, Brussels sprouts and cauliflower. All above ground parts are affected. The symptoms appear as circular brown-grey spots on the leaves, which are often surrounded by a green border with black-speckled rings. In stored cabbage, the fungus spreads deep into the leaves, requiring removal of leaves before marketing.

Ring spots on Brassica. (Photo by Kengap Horticulture)



Background

The disease is caused by a fungus in the seed. The fungus is also found in infected crop material. Disease development is favoured by cool moist conditions. It is mainly spread by wind, water splashes and also compost made from infected crop remains.

Management

Non-chemical control

- Plant disease free transplants.
- Nurseries should be established away from infected plants.
- Practice a crop rotation programme with non-brassica for at least two years.
- Decompose all plant material immediately after harvest to enhance decay and avoid disease spread in the future.
- Brassica weeds in the farm should be removed to avoid disease spread.
- Remove neighbouring brassica plants especially at farm borders that may be infected.

Chemical control

- Use fungicides such as Azoxystrobin, Mancozeb and Copper oxychloride.

When using a pesticide, always wear protective clothing and follow the instructions on the product label, such as dosage, timing of application, and pre-harvest interval.

Scientific name(s) > *Mycosphaerella brassicicola*

The recommendations in this factsheet are relevant to: many countries where this pest or problem is present



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