

Turnip mosaic (099)

Summary

- Worldwide. On brassicas, lettuce, spinach, some ornamentals, weeds. Important virus disease of brassicas.
- Light and dark patches either side of the main veins. Diseased plant not suitable for market.
- Spread by aphids – they transfer sap with the virus from diseased to healthy plants as they feed. Aphids fly or are blown by wind between plants. It is spread in seed.
- Cultural control: check seedlings in the nursery, and handle seedlings with care; do not plant new crops near old; weed near nurseries and in the field; resistant varieties (Chinese cabbage); collect and burn trash after harvest.
- Chemical control: none recommended.



Photo 1. Patterns of light and dark green along and between the veins of Chinese cabbage caused by *Turnip mosaic virus*.

Common Name

Turnip mosaic

Scientific Name

Turnip mosaic virus; the abbreviation is TuMV.

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Information from CABI (2019) Turnip mosaic virus (cabbage A virus mosaic). Invasive Species Compendium. (<https://www.cabi.org/ISC/datasheet/54306>); and from Turnip mosaic virus (TuMV) (2019) Infonet biovision. (<https://inonet-biovision.org/PlantHealth/Pests/Turnip-Mosaic-Virus-TuMV>).

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