Common pests and diseases of Tomato



Erwinia stem rot BACTERIA – Erwinia carotovora

© Photo: Phil Morley Tomato growers association

 The basal part of the stems turned black and sloughed off easily. The pith disintegrated and stems appears hollow.



Fusarium Wilt FUNGUS - Fusarium oxysporum

 Fusarium wilt often one sided wilt associated with browning of stems in later stages. Internal staining



Blossom end rot NUTRIENT DEFICIENCY - Calcium

© Photo: Martin McPherson Stockbridge technology centre

- Nutritional disorder.
- No foliar symptoms
- Especially common when fruit it growing quickly



Leaf Mould FUNGUS - Cladosporium fulvum

 Usually on lower leaves, yellow blotches appear on the upper surface, greyish/brown mould appears on lower surface. Leaves turn brown but do not fall.

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 Tiny irregular brown spots, steaks and ringspots usually on the youngest leaves. Stunting and wilt common. Transmitted by thrips.

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Grey mould
FUNGUS - Botrytis cinerea
Paul Bachi, University of Kentucky Research and Education Center,
Bugwood.org

 Common on older tissue, often associated with damage. Infection runs up leaf stalk and a tan coloured spot with concentric rings develops on stem



 Rapidly spreading lesions with brown centres and light green margins on leaves petioles and fruit. Whitish bloom on underside of leaf.

FUNGUS - Phytophthora infestans



Bacterial spot
BACTERIA Xanthomonas campestris
Clemson University - USDA Cooperative Extension Slide Series,
Burnwood org

 Water-soaked, spots about 3mm in diameter appear on infected leaflets. Lesions often surrounded by yellow halos and the centres dry out and frequently tear. Lesions may coalesce to form large, irregular dead spots