

Disease Fact Sheet

Spotted Wilt *Genus: Tomato spotted wilt orthotospovirus*

What is it?

Spotted wilt is a serious viral disease affecting tomatoes. It's mostly found in warm temperate climates, where Tomato Spotted Wilt is transmitted by thrips.

How is it transmitted?

The virus is primarily transmitted by thrips.

What symptoms to look for?

Leaves: Bronzing, curling, necrotic streaks and spots on leaves. Dark brown streaks may also be visible.

Stems: Dark streaks or lesions on the stem, sometimes accompanied by wilting

Fruit: Pale red or yellow patches on the skin

Information compiled from:

<https://www.growveg.com.au>

<https://www.cabidigitallibrary.org>



Impact

Infected plants produce fewer and lower-quality tomatoes due to deformed fruits and stunted growth. Plants rarely recover once they are infected.

Where is it present?

Worldwide in warm and temperate climates

How can I protect my plants?

Isolation & Sanitation: Isolate seedling beds from ornamental and susceptible plants. Keep glasshouses free of weeds. Regularly inspect glasshouses after planting for signs of infection.

Monitoring & Barriers:

Use yellow sticky traps to monitor thrips populations.

Install fine-mesh netting to exclude thrips.

Use UV-absorbing plastic sheets to reduce thrips in plastic houses. Contact your horticultural supplier for resistant varieties and chemical/biological controls

