

Bacteria

Bacterial Wilt

الذبول البكتيري



Clemson University – USDA Cooperative Extension Slide Series (Public domain)

A soil-borne disease caused by bacteria that block the plant's water vessels, so it wilts suddenly while still green. There is no cure once infected, so we rely on prevention and tolerant varieties.

Crops: Tomato, eggplant and pepper

Source: Soil and irrigation water

How to spot it and deal with it

1

Symptoms

Sudden wilting of a green plant in the heat of the day; it may recover at night at first, then dies. Glass test: place a stem piece in clear water and a milky white stream appears within minutes.

2

Cause

Bacteria that live in the soil for long periods, enter through roots or root wounds and block the water vessels.

3

Spread

Irrigation and runoff water, infected seedlings, contaminated tools, and root wounds from nematodes and soil work.

4

Prevention

A 3 to 4 year rotation with non-host crops such as maize, tolerant varieties, healthy seedlings, good drainage, disinfected tools, and removing infected plants and destroying them away from the field.

There is no effective cure after infection; prevention and choosing a tolerant variety are the first line of defense.

Our resistant varieties



Cobra 26 F1

Excellent tolerance



Kalenda F1

Tolerant



Carnaval Sweet Pepper

Intermediate resistance (IR)

Find the right variety for this disease on our products page
seedtech-sd.com/our-products

Facing this disease on your farm?

Send a photo of the symptoms on WhatsApp and our agronomists will help you diagnose it and choose the right variety.

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