



PEST ALERT

CAUTION! HELP US KEEP IT OUT!

Tropical Race 4

Fusarium oxysporum f. sp. cubense



Tropical Race 4 (TR4) is caused by the soil-borne fungus *Fusarium oxysporum f. sp. cubense*. It is considered to be the most destructive disease of banana in modern times. Primary hosts of TR4 include bananas, plantains, and Heliconia plants.

TR4 is present in parts of Asia, Africa, the Middle East, Australia and Columbia.

Internal Symptoms of TR4



TR4 causes yellowing and wilting of leaves and basal splitting

How it spreads

The fungus spreads via production and dissemination of spores formed on dead and dying plants. These spores can travel on planting material, plant parts and contaminated soil.

People, vehicles, water, tools and animals can also carry the disease.

Discolouration of vascular tissues

**If you see signs of TR4, contact the
PQPI Branch at 977-0637 or 977-6401 or the
Banana Board at 922-2083 or 383-7235**