

PHYTOPATHOLOGY AND INTEGRATED PEST MANAGEMENT

Disease Diagnosis and Recommendations

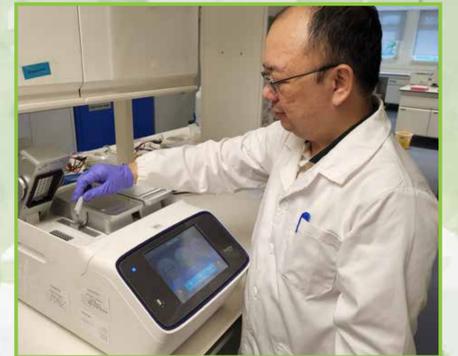
**What
We
Do**



**Microscopic
identification of
bacteria and fungi**



**On-site
investigation of
diseased plants**

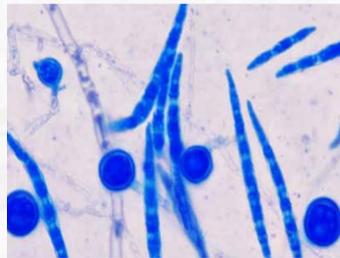


**Molecular
detection of plant
pathogens**

Fungal Disease Symptoms

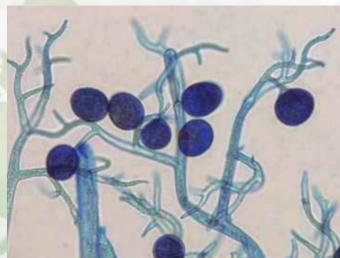
Leaf yellowing

Leaf yellowing (left) is often seen in plants infected with *Fusarium commune* (right).



Downy mildew

Downy mildew symptoms on Basil plants (left) are caused by the fungus *Peronospora belbahrii* (right).



Rust

Rust pustules (left) on *Plumeria* leaves are caused by *Coleosporium plumeriae* (right).



Bacterial Disease Symptoms

Plants infected by bacterial pathogens can show symptoms of bacterial wilt, water-soaked lesions, or cankers (diseased tissue).



Viral Disease Symptoms

Ring spots, mosaic patterns, and leaf curling are some common symptoms that are seen in plants infected with viruses.



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