

# Overview of Microbial Pathogen Services

## Sustainability Inspired, Quality Driven.



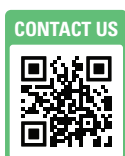
Empowering growers with science-backed insights and proven results.

### Pathogen Identification

SERVICE	DESCRIPTION	TURNAROUND TIME
Pathogen ONE	Uses qPCR technology for detecting bacteria, fungi, and fungal-like organisms. Select one fungal or bacterial pathogen.	4-5 business days
Pathogen ONE (Virus)	Uses RT-qPCR technology for detecting viral organisms such as ToBRFV, CCMMV, and PepMV. Select 1 virus to be tested.	4-5 business days
NEW! Alive & Dead Option	Add to Pathogen ONE to see the ratio of living to dead cells. This option detects a growing list of plant pathogens for their viability.	4-5 business days

### Pathogen Scans

SERVICE	DESCRIPTION	TURNAROUND TIME
Fungal Scan	Uses advanced DNA sequencing technology for scanning 400+ fungi, fungal-like organisms and oomycetes.	Approx. 2 weeks
Health+	Improved package includes all pathogens in the Fungal scan plus all bacteria. Beneficial organisms are also included. Individual add-ons are available.	Approx. 2 weeks
Health+ Add-ons	Choose from insects, plants, algae, nematodes, amphibians, fish, eukaryotes.	Approx. 2 weeks
Health+ Complete	A Multi-Kingdom scan that covers all bacteria, fungi, protists, plants, and insects.	Approx. 2 weeks



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When you need to be sure