

INDUSTRIAL
DIVISION



READING NATURE

FUNGICIDE PATHOGEN TESTING

Test which fungicide is more effective for
fungal control and eradication



FUNGICIDE EFFICACY TESTING

Problem:

Because of the increasing of fungicide resistant strains of *B. cinerea*, a fungicide has different efficacy depending on the strains and concentrations of *B. cinerea* found in your field or packing plant.

Service Objective:

Identify the most effective fungicide for the *B. cinerea* found in your field and quantify the real effect in the field after applications.

Procedure:

- A. We isolate *B. cinerea* from your field and perform fungicide efficacy testing to determine the most effective fungicide.
- B. Before applying fungicide in your field, using genetic testing (real time PCR) we quantify the initial concentration of *B. cinerea* and compare it with the concentration after fungicide application therefore determining if the fungicide is effective or remains effective.

Sampling:

It is recommended to test fungicide efficacy for identifying the best fungicide before flowering and on packinghouse. Checking if fungicide remains effective is recommended to test in the field at Flowering and Veraison.

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