



Q·protect

Sclerotinia
White Mold

Sclerotinia risk isn't a guessing game anymore

Q-protect uses DNA detection methodology to determine how much sclerotinia is present on plant samples and the amount of sclerotinia present correlates to risk of developing disease.

Allowing both agronomists and farmers to make more educated decisions on fungicide timing, application and monitoring disease risk in field.

Easy to use collection kit
Next day test results
Covers up to 320 acres

**PUTTING
THE *EASE* INTO
DISEASE
MANAGEMENT**

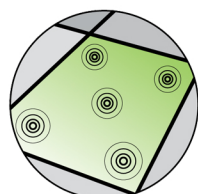
Dry or wet season Q-protect can detect disease presence before symptoms are visible for scouting. Taking the guesswork out of whether disease is present in your canopy or not.

HOW TO COLLECT SAMPLES

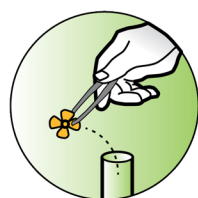


Get a collection kit.

Kit contains 5 sets of 8 collection tubes, tweezers, and submission form.



Collect samples from field between 20% and 60% bloom. Choose 5 areas (sites) of the field to collect samples from (ex. 4 corners and centre).



In site 1, select a plant and collect 3 petals/flowers from it. Select petals/flowers from the top, middle, and bottom of flowering section. Place the petals/flowers in one of the tubes provided.

Repeat with 7 more plants.

Repeat at 4 other collection sites.



Complete the submission form and send along with collected samples to Quantum Genetix. Test results will be emailed to you the next day.



available through
your local
Ag Retail
or Trusted Advisor

TEST RESULTS AND INTERPRETATION

The test is a snapshot in time of current disease pressure. Results show the percentage of plants infested (PPI) with sclerotinia spores per site and overall PPI with sclerotinia spores. Determine the current risk of developing disease by comparing the Overall % Positive value to the Risk Barometer or by using the cost analysis in the app.

Field Site	Pos Tests	% Positive
1	3/8	37.5%
2	3/8	37.5%
3	5/8	62.5%
4	4/8	50%
5	6/8	75%

Overall % Positive
52.5%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%



Low Risk

Moderate Risk

High Risk

Low probability of disease causing yield loss



High probability of disease causing >7.5% yield loss



Cost analysis & Risk Barometer in the app



quantumgenetix.com

