



PLANT DISEASE ENQUIRY

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 Plant Pathology
 DAF QLD
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SAMPLE COLLECTED BY

Submitted by:..... Company:.....

Email:.....

Phone:..... Mobile:.....

DISEASE/DISORDER DETAILS

Grower name:..... Property name:.....

Location/Address:.....

Field Name/No..... GPS coordinates:.....

Crop:..... Variety:..... Age/Growth stage:.....

Description of symptoms:

.....

Incidence/severity..... Distribution.....

Paddock history.....

.....

DAF Officer Use Only:

Received on:..... by:..... Accession number:.....

DIAGNOSIS AND ACTION

Initial diagnosis:.....

.....

Action (isolation/referral).....

Final diagnosis:.....

..... Date.....

Result report: to..... by..... on.....

Management recommendations:.....

.....

SIGNED:..... date.....

Sample preparation for diseased plant specimens

For accurate diagnoses it is imperative that specimens are carefully selected, well presented and submitted with adequate information.

To ensure that samples arrive in the best possible quality, they need to be collected and dispatched early in the week (Monday or Tuesday) to avoid weekend delays in transit and examination.

Digital images

Images or scans of symptoms can allow for rapid diagnosis via email and also act as a backup in case samples do not arrive in a suitable condition. Take digital images that are representative of the range of symptoms that you are observing and email them to lisa.kelly@daf.qld.gov.au along with the relevant crop details.

Selection of specimens

Select plants that show the full range of symptoms, i.e. slightly to severely affected. Include a healthy plant for comparison. Collect whole plants if practicable or a representative portion of the affected plant. For root diseases, include roots and some soil from the root zone (i.e. roots contained in a soil plug). Ensure that free moisture is removed from the specimens, particularly leaves.

Preservation and packaging

Immediately upon collection, fresh samples need to be placed in a slightly inflated plastic bag in which there is a small amount of moisture (e.g. a quick spray using an atomiser) and placed directly into a chilled esky containing fridge bricks to keep the samples cool and post as quickly as possible. DO NOT leave samples exposed in a vehicle. Soil samples (moist *not* wet) should be packed in a sealed plastic bag or airtight container.

Labelling

Include a copy of the 'Pulse Disease Sample Enquiry' sheet within the package but not within the sample bag. If sending multiple samples from different locations ensure the bags and the 'Pulse Disease Sample Enquiry' sheets are identifiable by number.

Dispatch

Specimens should be sent ASAP after collection via express post or courier to:

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Mob: 0477 747 040

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