DISEASE DIAGNOSTIC SUBMISSION FORM

Queensland and New South Wales

This form provides the State Pathologists with background information to assist with diagnosis.

Please contact one of your State Pathologists **BEFORE** sending the sample to ensure there is someone available to receive it while it is still fresh (details over the page).

Information on collecting/submitting samples is available at www.cottoninfo.com.au/disease-management.

IMPORTANT

- **The details below (your name/farm/field) MUST match the labels on the sample.**
- Submit a separate form for each diagnostic submission (sample bag).
- Include a **printed form** with the sample and**/or email the completed form(s)** to your state pathologist.
- **Photographs** of the symptoms in-field can also be useful to provide context.

☐ **YES** I have let my local pathologist know that I am sending this sample.

By submitting this sample, you agree that data is being collected from these forms for inclusion into the Australian Cotton Disease Collaboration (the ACDC) Pathology Collection. Individual information will be kept confidential. De-identified sample, disease and related data may be used for research, education, extension, reporting and publication purposes, provided that no individual, property or business can be identified. Please contact your State Pathologist if you have any concerns.

Sample submitted by (full name)

_____

☐ Grower/Farm Manager ☐ Agronomist

Farm: _____

Field name: _____

Contact details

Email: _____

Phone: _____

Date collected: _____

GPS location: _____

REGION

Queensland

☐ Far North QLD
☐ Central QLD
☐ Darling Downs
☐ Lockyer Valley
☐ Border Rivers
☐ St. George
☐ Dirranbandi

Other (region not included in this list): _____

New South Wales

☐ Gwydir
☐ Namoi
☐ Walgett
☐ Bourke
☐ Macquarie
☐ Southern NSW

Other (region not included in this list): _____

SYMPTOMS

☐ Poor emergence or seedling depth
☐ Leaves: spots, dead areas or mildew
☐ Leaves: discoloured
☐ Leaves: mottled
☐ Leaves: distorted or curled
☐ Leaves: defoliating
☐ Plants stunted
☐ Premature plant death
☐ Bolls: spots or rots
☐ Roots: discoloured or malformed

INCIDENCE

☐ All plants
☐ Scattered single plants
☐ Scattered patches of plants
☐ Large patch (> 5m wide)
☐ Medium patch (1 – 5 m)
☐ Small patch (<1 m)

ENVIRONMENT

☐ Heavy soil
☐ Light soil
☐ Poorly drained area
☐ Dense canopy

CROP STAGE

☐ Seedling
☐ Squaring
☐ Early flowering
☐ Peak flowering
☐ First bolls open
☐ 30% bolls open
☐ Defoliation
☐ Ready to pick

Have you observed these symptoms before in this field? ☐ Yes ☐ No ☐ Not sure

If yes, have you previously sent samples from this field? ☐ Yes ☐ No

Other information about the farming system

Variety: _____ **Plant date:** _____

Rainfall over past 10 days: _____ **Last irrigation date:** _____

Average temperature range or relative temperature (past 10 days): _____

Crop history (last 12 months)

Previous winter crop: _____

Previous summer crop: _____

Long fallow: _____ months

Current crop

Row configuration: _____

Planting density: _____ plants/m

Cover crop (if applicable): _____

Date of last cultivation: _____

Include more details if applicable in comments area below

Irrigation system:

☐ Siphons ☐ Pivot

☐ Bankless ☐ Lateral overhead

☐ Pipe through bank ☐ Dryland (rainfed)

☐ Other:

Please provide details of applied fertilizer (N, P or K):

_____

Have fungicides been applied to the affected plants?

Fungicides used: _____

Application date: _____

Application rate: _____

Have management practices recently changed?

☐ Irrigation system ☐ Planting density

☐ Nitrogen rates ☐ Crop rotations

☐ Planting time

Please provide further details of changes if applicable in comments area below.

Other comments

(Include any other relevant details regarding symptoms, incidence, environment or farming system that is not captured elsewhere on this form)

Please complete a separate diagnostic submission form for each sample submitted.

Contact one of your State Pathologists BEFORE sending samples.

Queensland

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