

DISEASE DIAGNOSTIC SUBMISSION FORM (NSW/QLD)

This form provides pathologists with background information to assist with diagnosis. 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.

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.
- Complete a **separate submission form for each sample**, and 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 on next page).

☐ **YES**

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

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

New South Wales

- ☐ Gwydir ☐ Bourke
☐ Namoi ☐ Macquarie
☐ Walgett ☐ 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
☐ Plants wilting
☐ Premature plant death
☐ Bolls: spots or rots
☐ Roots: discoloured or malformed

INCIDENCE

- ☐ All plants
☐ Scattered single plants
☐ Scattered patches of plants
☐ Large patch (>5 m 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 in 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

Cover crop (if applicable): _____

Date of last cultivation: _____

Include more details if applicable in comments area below.

Current crop:

Row configuration: _____

Planting density: _____ plants/m

Irrigation system:

☐ Siphons

☐ Pivot

☐ Bankless

☐ Lateral overhead

☐ Pipe through bank

☐ Dryland (rainfed)

☐ Other: _____

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

Have fungicides been applied to the affected plants?

Fungicide used: _____

Application date: _____

Application rate: _____

Have management practices recently changed?

☐ Irrigation system

☐ Nitrogen rates

☐ Planting time

☐ Planting density

☐ Crop rotations

Please provide further details of changes 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:

NSW DPIRD

- Karen Kirkby: 0428 944 500
- Dr Thi Phuong Chi Nguyen (Chi): 0459 259 969

POSTAL ADDRESS: Australian Cotton Research Institute, 21888 Kamilaroi Highway, Narrabri, NSW, 2390

NOTE: If fusarium wilt is suspected **DO NOT** send samples to the Australian Cotton Research Institute at Narrabri – please contact one of the Queensland pathologists.

QLD DPI

- Dr Linda Smith: 0457 547 617
- Dr Dinesh Kafle: 0436 622 940

POSTAL ADDRESS: Attention: Dinesh Kafle, Ecosciences Precinct, GPO Box 267, Brisbane QLD 4001

POST VIA COURIER: Attention: Dinesh Kafle, Ecosciences Precinct, B3 Loading Dock, Joe Baker Street, Dutton Park QLD 4102