

## DISEASE DIAGNOSTIC SUBMISSION FORM (NT/WA)

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](http://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**

**Northern Territory\***

- Douglas Daly
- Katherine
- Mataranka

\*NT DAF has requested that samples are also accompanied by a *NT Plant Disease Diagnostic Request* form (available at [www.cottoninfo.com.au/disease-management](http://www.cottoninfo.com.au/disease-management))

**Western Australia**

- Ord River

**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: \_\_\_\_\_

### Current crop:

Row configuration: \_\_\_\_\_

Previous summer crop: \_\_\_\_\_

Planting density: \_\_\_\_\_ plants/m

Long fallow: \_\_\_\_\_ months

### Irrigation system:

- Siphons  Pivot  
 Bankless  Lateral overhead  
 Pipe through bank  Dryland (rainfed)  
 Other: \_\_\_\_\_

Cover crop (if applicable): \_\_\_\_\_

Date of last cultivation: \_\_\_\_\_

*Include more details if applicable in comments area below.*

### 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:

#### NT DAF

- NT Plant Pathology: 08 8999 5511  
Email: Plant.Pathology@nt.gov.au
- Dr Edward Mwando: 0470 259 875

**Courier:** Att: Plant Pathology  
Combined Science Service Building  
Berrimah Farm Science Precinct  
29 Makagon Rd, Berrimah NT 0828

**Australia Post:** Att: Plant Pathology  
GPO Box 3000, Darwin NT, Australia, 0801.

#### WA DPIRD

- Sarah Nolan: 0477 383 712

**Delivery:** Diagnostic laboratory is based in the region. Please drop samples at Frank Wise Institute of Tropical Agriculture, Durack Drive, Kununurra