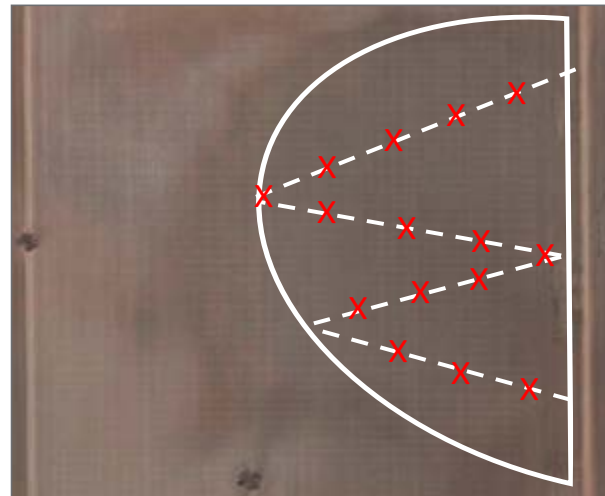


Sampling protocol - Southern and western regions



1. Get sample kits and soil corers
 - Predicta B Kits supplied by SARDI, contact russell.burns@sa.gov.au
 - Accucore corers available from Spurr soil probes, contact tjspurr@netconnect.com.au
4. If cereal or grass stubble present, add one piece including crown from each location (two if sowing durum). Stubble can be more than one year old.

2. Select the production zone to be sampled, avoid fire breaks. Each zone may have a different disease risk.

3. At each of 15 locations:
 - Collect three soil cores (10 x 100mm core).
 - Collect the cores from along the row of the previous cereal crop if still visible and do not remove any plant debris.
 - Total sample weight should be less than 500g.



5. Complete all details and tick boxes on the PreDicta B label on the sample bag and send to SARDI in the reply paid post-pack included in the kit.

PREDICTA B
DNA Soilborne disease tests

Barcode: AAA0001

Farmer: _____ Order No.: _____
 Paddock: _____ Nearest town: _____

Sample Date: ____/____/____
 Sample Depth: (please tick) 10cm 15cm
 Sample Strategy: (please tick) Random Within rows Between rows
 Stubble added

Crop and variety		Agronomist Name
This year	_____	_____
Last year	_____	_____
Two years ago	_____	Agronomist ID No. _____

Protect your DNA sample
Do NOT leave moist samples in plastic bags exposed to the sun. Store in an esky as soon as collected.
Do NOT freeze or microwave moist samples.
 If drying moist samples, air dry a thin layer of soil on paper **or** use a well ventilated soil oven at 40°C.

Date: Important to know if samples have been delayed
 Depth: Length of corer

Annotations:
 - Grower/company name: Farmer field
 - Paddock ID: Paddock field
 - Tick if stubble added. If stubble was not added you need to know as this might cause crown rot risk to be underestimated: Stubble added checkbox
 - These details aid interpretation of results: Crop and variety table
 - Some agribusinesses have set up a purchase order number: Order No. field
 - Used to generate regional risk categories: Sample Depth and Sample Strategy checkboxes
 - Agronomist details and PreDicta B accreditation number (pre-labelled stickers available): Agronomist Name and ID No. fields

Sample Handling

To prevent DNA degrading while in the field:

- Store samples in an esky.
- Do NOT leave moist samples exposed to the sun in plastic bags.
- Do NOT freeze or microwave moist samples.
- Consider air drying moist samples before posting.

Note

DNA in dry samples is stable. Wet samples, either air dry or post to arrive at SARDI by Friday morning. Make sure packaging is secure and address label clearly visible.

TOTAL SAMPLE: 45 CORES, 15 STUBBLE PIECES, 30 IF SOWING DURUM.

SAMPLE WEIGHT SHOULD NOT EXCEED 500G IF PROTOCOL FOLLOWED.