



Sample: **ANBXXXX**

Report date: **13/12/2018**

Trading Name: **XXXX**

Nearest town: **MOREE**

Sampling strategy: **Random**

Farm: **XXXX**

Region: **Northern**

Stubble added: **Yes**

Field: **XXXX**

Paddock history	2 years ago	Last year	This year
Crop / variety	Chickpeas	Barley	

TEST	RESULT	DISEASE RISK*			
		Not Detected	Low	Med	High
Pratylenchus thornei	0.6 nematodes/g soil		■		
Crown rot	2.86 log(pg DNA/g soil)			■	

*Risk categories should be used as a guide only, may be subject to regional and seasonal differences, and may be revised over time.

UNDER EVALUATION

TEST	RESULT	POPULATION DENSITY**			
		Not Detected	Low	Med	High
Pratylenchus neglectus	<0.1 nematodes /g soil	■			
Crown Rot (F. culmorum/graminearum)	<0.6 log(pg DNA/g soil)	■			
Common root rot	1.85 log(pg DNA/g soil)			■	
Rhizoctonia	<0.5 log(pg DNA/g soil)	■			
Pythium clade f	<0.6 log(pg DNA/g soil)	■			
Yellow leaf spot	<0.3 log(kDNA copies/g soil)	■			
White grain disorder	<0.3 log(kDNA copies/g soil)	■			
AMF (Long fallow disorder)	67.55 kDNA copies/g soil				■
Ascochyta blight of chickpea	0.23 log(kDNA copies/g soil)		■		
Phytophthora root rot of chickpea	<0.1 log(kDNA copies/g soil)	■			
Charcoal rot	1.88 log(kDNA copies/g soil)			■	
Fusarium stalk rot	<0.3 log(kDNA copies/g soil)	■			
Sclerotinia stem rot	<0.1 log(kDNA copies/g soil)	■			

**Population densities are based on the distribution of pathogen levels detected in PreDicta samples over several years. These are not disease risk categories.

Pathogen comments:

High Crown Rot: High risk of yield loss in durum wheat and up to 20 % in bread wheats. Consider break crops for 2 to 3 years to reduce inoculum levels.

Low P. thornei: Intolerant varieties may lose between 0 - 25% yield. Tolerant varieties should lose less than 2% yield.

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NORTHERN REGION

SARDI Plant & Soil Health
 Gate 2B, Hartley Gr. P 08 8303 9360
 URRBRAE SA 5064 F 08 8303 9393

Sample: ANBXXXX

Trading Name: **XXXX**

Farm: **XXXX**

Field: **XXXX**

Nearest town: **MOREE**

Region: **Northern**

Report date: 13/12/2018

Sampling strategy: **Random**

Stubble added: **Yes**

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Additional sample details

Agronomist: XXXXXXXXXXXX

Phone:

Mobile: XXXXXXXXXXXX

Accreditation no: XXXX

Date sampled: 01/10/2018

Dry weight (g): 469.30

Sample condition: Damp

Core depth: 10cm

Consultant Recommendations: