

**Sample:** APP0001

**Report date:** 30/03/2021





Tuber lot:

Variety:

Grower: XXXX XXXX














Nearest town: XXXXXXXX

Sample no.: 1 of 1

TEST	RESULT	DISEASE RISK*			
		Not Detected	Low	Med	High
Helminthosporium solani	<0.1 log(kDNA copies/g sample)				
Rhizoctonia solani AG 2.1	0.9 log(pg DNA/g sample)				
Rhizoctonia solani AG3	2.6 log(pg DNA/g sample)				
Streptomyces txtA gene	<0.1 log(pg DNA/g sample)				

\*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
Colletotrichum coccodes	3.2 log(pg DNA/g sample)				
Rhizoctonia solani AG4	<0.1 log(pg DNA/g sample)				
Sclerotinia stem rot	<0.1 log(kDNA copies/g sample)				
Verticillium dahliae	2.9 log(pg DNA/g sample)				
Phytophthora erythroseptica	<0.1 log(kDNA copies/g sample)				
Pythium clade I	3.0 log(pg DNA/g sample)				
Spongospora subterranea	<0.1 log(pg DNA/g sample)				
Meloidogyne fallax	<0.1 log(pg DNA/g sample)				
Meloidogyne hapla	<0.1 log(pg DNA/g sample)				
Meloidogyne javanica/incognita/arenaria	<0.1 log(pg DNA/g sample)				
Pratylenchus crenatus	<0.1 nematodes /g sample				
Pratylenchus neglectus	53.5 nematodes /g sample				
Pratylenchus penetrans	<0.1 nematodes /g sample				

\*\*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:

Medium levels of Rhizoctonia solani AG3 detected: 20-60% probability >30% incidence of plants developing stem canker and 40% probability >10% tubers developing black scurf.

Low levels of Rhizoctonia solani AG2.1 detected. Low risk rhizoctonia disease impacting crop when best practice management implemented.

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