

**Sample: APA00000**

Paddock: XXXXXX XXXXXX

Grower: XXXXXXXXXXX

Nearest town: XXXXXXXX

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

Sample point: ALL

Sample no.: 1 of 1

Region: Default

<b>Paddock history</b>	<b>Years since last potato crop</b>	<b>2 Years</b>
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TEST	RESULT		DISEASE RISK*			
			Not Detected	Low	Med	High
Colletotrichum coccodes	2.6	log(pg DNA/g soil)				
Verticillium dahliae	0.6	log(pg DNA/g soil)				
Spongospora subterranea	<0.1	log(pg DNA/g soil)				
Meloidogyne fallax	<0.1	log(pg DNA/g soil)				
Meloidogyne javanica/incognita/arenaria	<0.1	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
Helminthosporium solani	<0.1	log(kDNA copies/g soil)				
Rhizoctonia solani AG2.1	2.2	log(pg DNA/g soil)				
Rhizoctonia solani AG3	<0.1	log(pg DNA/g soil)				
Rhizoctonia solani AG4	<0.1	log(pg DNA/g soil)				
Sclerotinia stem rot	2.89	log(kDNA copies/g soil)				
Phytophthora erythroseptica	<0.1	log(kDNA copies/g soil)				
Pythium clade I	2.7	log(pg DNA/g soil)				
Streptomyces txtA gene	<0.1	log(pg DNA/g soil)				
Pratylenchus crenatus	<0.1	nematodes /g soil				
Pratylenchus neglectus	<0.1	nematodes /g soil				
Pratylenchus penetrans	<0.1	nematodes /g soil				
Meloidogyne hapla	<0.1	log(pg DNA/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 Colletotrichum coccodes levels detected: >40% probability >20% incidence black dot on tubers. Consider another site for fresh market crops or use soil treatment.

Low Verticillium dahliae levels detected. Verticillium wilt may cause up to 10% yield loss in susceptible varieties. Risk greater when root lesion nematodes also present. Risk low when tolerant varieties grown.

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