









Department of Primary Industrie



				D 1	Lop	n ² (n)
Marker	Chromosome	Genetic	Additive	P value	LOD	R- (%
		map	Effect			
		position				
3110119_43:G>T	A01	69.0	-3.31	4.14e-27	26.38	24.57
3145775	A02	36.81	0.70	1.50e-02	1.82	1.42
3154085	A06	0	-0.77	5.51e-03	2.26	1.82
3117277	A07	39.59	-0.78	7.94e-03	2.10	1.69
3084361	C08	27.16	0.75	1.05e-02	1.98	1.61





				Method		
Population	Location	Year	Replication	used for evaluation	Range (%)	h 2
Topas/	Horsham	2009	3	S	0.100	0.89
AG-Castle				11	12.100	0.85
	Wagga Wagga	2009	3	S	0.100	0.75
				11	12.100	0.79
	Wagga Wagga	2010	4	S	0.100	0.87
				11	4.100	0.86
Topas/	Horsham	2008	3	S	0.71.1	0.9
AV-Sapphire				П	8. 100	0.88
	Wagga Wagga	2009	3	S	0.100	0.83
				11	4.100	0.73
	Wagga Wagga	2011	4	S	0.100	0.87
				11	16.100	0.84
	Horsham	2012	4	S	0.100	0.87
				11	24.2. 100	0.89



Environment	Source of inoculum	Location	Broad sense heritability
Disease nursery (field)	Natural	Wagga Wagga	(h*%) 79
Disease nursery (field)	Natural	Wagga Wagga	44
Disease nursery (field)	Natural	Green Lake	12
Glasshouse	Mixed stubble for ascospore shower test	Horsham	61
Glasshouse	IBCN17 (D4)	Wagga Wagga	97
Glasshouse	IBCN76 (D7)	Wagga Wagga	85















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GRDC		NSW Department of Primary Industries			