

Victoria and South Australia



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KEY FEATURES

- A high yielding mid-long season maturity variety, well adapted to Victoria and South Australia
- APW classification in the Southern Zone (South Australia and Victoria)
- Suits both the main season planting window and can be sown earlier than Mace by 7 to 14 days
- Excellent grain package with large grain, low screenings and high Test Weight
- Very good overall disease package with good resistance to all three rusts, useful level of Septoria resistance (MS) and base Yellow Leaf Spot resistance (MSS)
- With a combination of high yield, maturity as well as Rust, Septoria and Eye Spot resistance; Trojan is the variety of choice to start the seeding program in many southern areas

AGRONOMIC FEATURES

The Trojan (LPB08-1799) cross (LPB 00LR000041/Sentinel) was made to combine tough well adapted germplasm with the high potential and disease of Sentinel. Trojan is a high yielding main season variety that has performed well in a range of seasons and environments across SA, Vic and Sthn NSW. Trojan has a mid late maturity similar to Yitpi that suits both medium-high yielding areas, as well as earlier sowing in main season areas. Trojan has an erect canopy with medium plant height and is Boron tolerant (MT). Good resistance for the three Rusts makes Trojan an ideal partner for susceptible varieties widely grown in SA and VIC. Of the Southern main season varieties, Trojan has one of the best ratings for Septoria (MS) and Eye Spot (MS). Trojan has an APW classification in the Southern Zone and has a good grain package with high Test Weight being the standout feature, along with useful tolerance to Blackpoint (MRMS) and Sprouting.

DISEASE AND PEST RATINGS

Variety	Stem Rust	Leaf Rust	Stripe Rust	Yellow Spot	Septoria tritici	Crown Rot	Root Rot	CCN	Prat. thornei		Prat. neglectus		Bunt	Flag Smut	Black Point
									Res.	Tol.	Res.	Tol.			
LRPB Trojan	MRMS	MR	MR	MSS	MS	MS	MS	MS	MS	T-MT	S	MT-MI	S	SVS	MRMS

Resistance rating: VS=Very Susceptible, S=Susceptible, MS=Moderately Susceptible, MR=Moderately Resistant, R=Resistant.

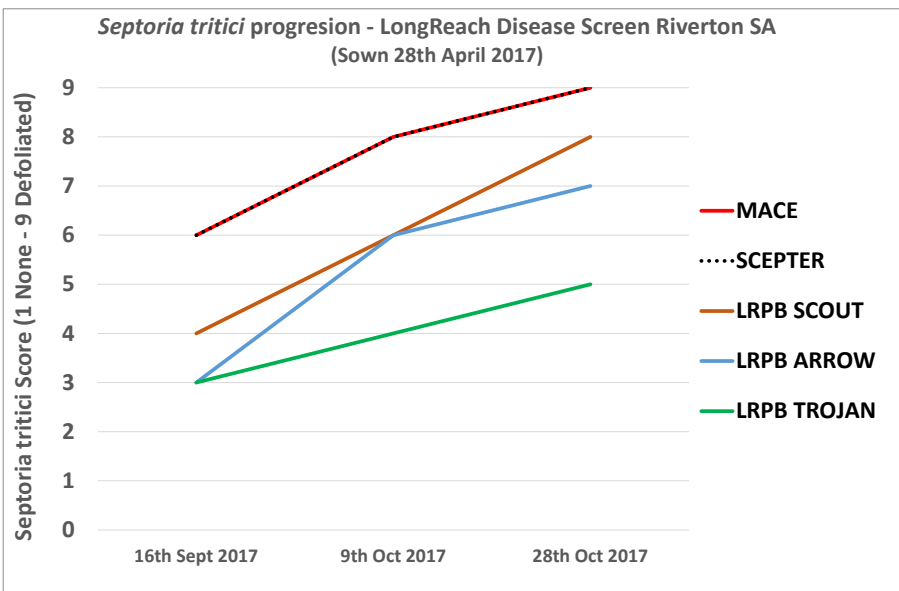
Tol Rating - T =Tolerant, MT=Moderately Tolerant, MI =Moderately Intolerant, I = Intolerant, VI =Very Intolerant. Data sourced NVT and LongReach Plant Breeders 2018. p = Preliminary Data Based on limited data set

NVT Main Sown Long Term MET Predicted Yield for Southern Zone - Vic and SA (2013-17) over 5 years of trials

Yield Group t/ha		1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8.5	9
Variety	Trials	6	16	19	24	19	19	16	24	15	7	4	4	4	6	2	2
LRPB Trojan	187	93	102	104	106	105	105	107	108	108	111	110	110	109	110	109	107
Mace	187	109	109	108	106	107	107	102	104	104	103	102	103	100	101	99	97
LRPB Scout	187	97	97	99	101	101	99	105	102	102	104	105	107	106	107	108	105
Wyalkatchem	148	102	102	101	101	102	103	101	101	102	100	100	102	100	98	98	
Yitpi	184	94	95	97	97	93	93	97	95	95	95	96	92	96	97	95	97
Mean Yield t/ha		0.77	1.22	1.74	2.25	2.75	3.19	3.71	4.25	4.77	5.31	5.85	6.21	6.76	7.15	8.15	8.72



NVT Main Sown Long Term MET Predicted Yield for Southern Zone - Vic and SA (2013-17)						
Year		2013	2014	2015	2016	2017
Variety	Trials	42	34	37	40	34
Scepter	111			117	108	113
LRPB Trojan	187	106	107	103	109	106
Mace	187	107	106	109	100	106
LRPB Arrow	111			106	104	105
Cutlass	111			100	105	103
LRPB Scout	187	101	101	98	107	99
Wyalkatchem	148	102	100	103	100	101
LRPB Phantom	170	94	96	92	101	96
Yitpi	184	93	96	93	98	97
DS Pascal	67	88	87	83	103	88
Mean Yield t/ha		3.24	3.8	2.6	5.59	3.75



Victoria / New South Wales

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