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KEY FEATURES

- A high yielding medium season maturity well suited to Victoria and South Australia
- Very good grain quality, AH Classification in the Southern Zone
- Excellent CCN resistance
- Good resistance to all current pathotypes of Stem and Leaf Rusts and effective Adult plant resistance for Stripe Rust
- Bred for adaption to Alkaline soils with a Yitpi background

BREEDING

Scout (LPB05-1164) was a cross made by David Bonnett in the GrainGene joint venture. Since 2004, the variety has been developed and extensively evaluated by the LongReach Plant Breeders technical team led by Dr Bertus Jacobs. The line was entered into National Variety Trials for the first time in 2008.

AGRONOMIC FEATURES

Scout is a high yielding AH mid season line. Maturity is similar to Gladius and Catalina which offers security in tough seasons while maintaining high yield potential in good seasons. Scout has medium to long coleoptiles allowing deeper planting with good early seedling vigour. Moderately Resistant (MR) to lodging and very good shattering resistance. Scout commonly delivers higher test weights than most other varieties and has shown to have similar grain size and screenings to established varieties like Yitpi. Scout has useful levels of sprouting tolerance (being similar to Yitpi) and is considered susceptible to Black Point. Scout offers effective Adult Plant Resistance (APR) to all current stripe rust pathotypes (MS) which ensures rust progression is slowed. The APR in Scout has been demonstrated to protect yield under severe Stripe Rust pressure without the use of fungicides when compared to Wyalkatchem and Mace.

Disease and Pest Resistance Ratings: Scout and commercial varieties.										
Variety	Disease Ratings								Pest Reaction	
	Stem Rust	Leaf Rust	Stripe Rust	Stripe Rust	Septoria tritici	Crown Rot	Yellow Leaf Spot	CCN	RLN	
			WA pt	WA + Yr17 pt					(P.thornei) Resistance	(P.neglectus) Resistance
Cobra	R-MR	MR	MS-S	MS-S	MS-S	S	MR-MS	MR-MS	MS	MS
Gladius	MR	MS	R	MR-MS	MS-S	S	MS	MS	S	MR-MS
Mace	MR	MR	R	S-VS	MR-MS	S	MR-MS	MR-MS	MR-MS	MR-MS
Phantom	MR-MS	MR-MS	MR	MR	MR-MS	MS	S-VS	MR-MS	S	MS
Scout	MR	R	R-MR	MS	MR-MS	MS-S	S-VS	R	MS	MS-S
Yitpi	S	MS-S	MR-MS	MR-MS	MR-MS	S	S-VS	MR	MS	MS

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 SARDI 2014 Cereal Variety Disease Guide & LongReach Plant Breeders Disease Screens and Breeder Ratings. *Preliminary Data Based on limited data set

Scout NVT MET analysis 2009-2013 for different SA trial regions

South Australia												
	Lower EP		Mid North		Murray Mallee		South East		Upper EP		Yorke P	
Variety	t/ha	%smy	t/ha	%smy	t/ha	%smy	t/ha	%smy	t/ha	%smy	t/ha	%smy
Axe	4.34	97	3.75	99	2.40	99	4.39	98	2.35	99	4.36	97
Cobra	4.82	107	4.06	108	2.51	104	4.89	109	2.47	104	4.92	109
Gladius	4.51	100	3.81	101	2.48	102	4.49	100	2.43	102	4.53	100
Mace	4.80	107	4.04	107	2.67	110	4.72	105	2.61	110	4.85	107
Scout	4.87	108	4.13	110	2.54	105	4.89	109	2.47	104	4.87	108
Trojan	4.96	110	4.12	109	2.63	109	4.93	110	2.57	108	5.02	111
Wyalkatchem	4.73	106	4.00	106	2.54	105	4.75	106	2.50	105	4.80	106
Yitpi	4.43	99	3.64	96	2.41	99	4.33	97	2.36	99	4.42	98
Site Mean Yield	4.49		3.77		2.42		4.48		2.38		4.51	

Scout NVT MET analysis 2009-2013 for different VIC trial regions

Victoria									
	Mallee		Wimmera		North Central		North East		
Variety	t/ha	%smy	t/ha	%smy	t/ha	%smy	t/ha	%smy	
Cobra	2.63	101	3.36	102	3.68	104	3.79	102	
Derrimut	2.57	99	3.31	100	3.40	96	3.61	97	
EGA Gregory					3.65	103	3.78	102	
Lincoln	2.60	100	3.37	102	3.69	104	3.84	103	
Mace	2.69	104	3.23	98	3.64	102	3.72	100	
Phantom	2.68	103	3.45	105	3.81	107	4.06	109	
Scout	2.79	108	3.71	112	3.91	110	4.21	113	
Trojan	2.82	109	3.49	106	3.66	103	3.80	102	
Yitpi	2.64	101	3.23	98	3.59	101	3.79	102	
Site Mean Yield	2.60		3.30		3.56		3.72		

Victoria / NSW

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WHEAT

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