



LongReach



Scout

Victoria and South Australia

NOW AH

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 Pedigree: Sunstate/QH71-6//YITPI

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.

PLANT CHARACTERISTICS AND DISEASE RESISTANCE

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.

Table 2. 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	S-VS	MR-MS	S	S
Scout	MR	R	R-MR	MS	MR-MS	S	S-VS	R	MS	MS-S
Yitpi	S	MS	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 2013 Cereal Variety Disease Guide & LongReach Plant Breeders Disease Screens and Breeder Ratings. *Preliminary Data Based on limited data set



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Scout 2011 NVT main season trials (2011) as % of Yitpi in SA regions

	Yorke Pen	Lower EP	Murray Mallee	Mid North	South East	Upper EP
Estoc	104	101	104	106	95	108
Gladius	112	111	107	107	103	109
Phantom	116	108	99	106	104	109
Mace	106	117	113	113	102	126
Scout	118	115	101	118	107	119
Wyalkatchem	112	111	108	107	95	115
Yitpi	100	100	100	100	100	100

Scout 2011 NVT main season trials (2011) as a % of Yitpi in Victorian regions

	Mallee	Wimmera	Nth Central	Nth East
EGA Gregory	*	104	107	94
Derrimut	98	98	94	107
Estoc	104	104	107	102
Gladius	105	99	100	98
Lincoln	103	101	104	101
Phantom	109	102	104	107
Scout	106	100	101	107
Sunguard	*	98	99	98
Wallup	94	102	106	98
Yitpi	100	100	100	100

Availability

Scout Seed is available for grower to grower trading subject to conditions. Please go to www.pacificseeds.com.au for more information.

Victoria / NSW

Baker Seed Co
Rutherglen, VIC
Ph: 02 6032 9484

AGF Seeds
Smeaton, VIC
Ph: 03 5345 6262

The Wimmera Grain Co
Rupanyup, VIC
Ph: 03 5385 5344

Superior Seed Co
Deniliquin, NSW
Ph: 03 5881 6689

South Australia

Manoora Seeds
Manoora, SA
Ph: 08 8848 4335

Modra Seeds
Ungarra, SA
Ph: 08 8688 8094

Colrae Seeds
Callington, SA
Ph: 08 8538 5017

RH Verner & Co
Mallala, SA
Ph: 08 8520 2181

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End Point Royalty (EPR)

Each time a grower purchases seed of LongReach Scout the grower agrees to comply with the Variety Licence and Royalty Agreement, including agreement to pay the EPR of \$3.08 per tonne (GST inclusive). EPR is payable on all grain production, except on seed retained by the grower for replanting by the grower. The majority of the EPR will be paid by Pacific Seeds to the Breeder (LongReach Plant Breeders) for investment in future wheat breeding programs.

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