

**NEW**

LongReach

**Cobra**

Victoria and South Australia

**KEY FEATURES**

- A high yielding mid season variety developed for Southern Australia
- Default APW classification in Victoria and SA - potential upgrade to AH in late 2012
- Good Yellow Spot resistance (MR-MS\*)
- Sound rust resistance package for Stem (MR\*) and Leaf (R-MR\*)
- Stripe rust rating (MS-S) will require some form of chemical protection in the cooler winter period to maximise performance. Cobra has a base level of APR and this may provide some protection in the warmer spring months similar to Wyalkatchem.
- Useful intermediate CCN resistance level (MR-MS)

**BREEDING** Pedigree:Westonia Derivative.

Cobra was bred by Longreach Plant Breeders in Australia. This line has been extensively evaluated by the LongReach Plant Breeders technical team since 2007, led by Dr Bertus Jacobs, in more than 50 yield and quality trials. The line was first entered into National Variety Trials in 2010.

**AGRONOMIC FEATURES**

Cobra is a mid maturing line which is slightly quicker than Scout, Mace and Wyalkatchem. It is a high yielding variety and has shown excellent yield performance especially in average to above average rainfall years. Cobra appears well suited to acid soils with a good yield performance in low pH soils. Cobra has medium length Coleoptiles with excellent seedling vigour combined with compact plant height at maturity being 6-10cm taller than Wyalkatchem. Cobra is moderately resistant (MR) to lodging. Cobra has shown sound test weight and medium grain size.

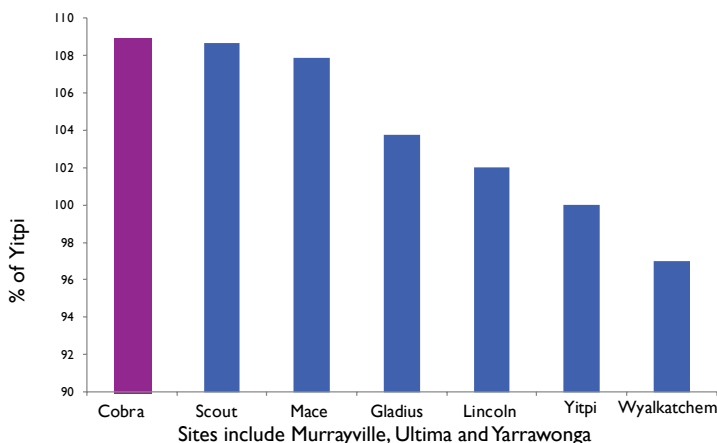
**Table 2. Disease and Pest Resistance Ratings: Cobra and commercial varieties.**

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	MR	R-MR	MS-S	MS-S	MS-S	S	MR-MS*	MR-MS	MR-MS	S
Mace	MR-MS	MR	R	S-VS	MR-MS	S	MR-MS	MR-MS	-	MR-MS
Scout	MR	R	R-MR	MS	MS	S	S-VS	R	MS-S	S
Yitpi	S	MS	MR-MS	MR-MS	MR-MS	S	S-VS	MR	MS-S	MS

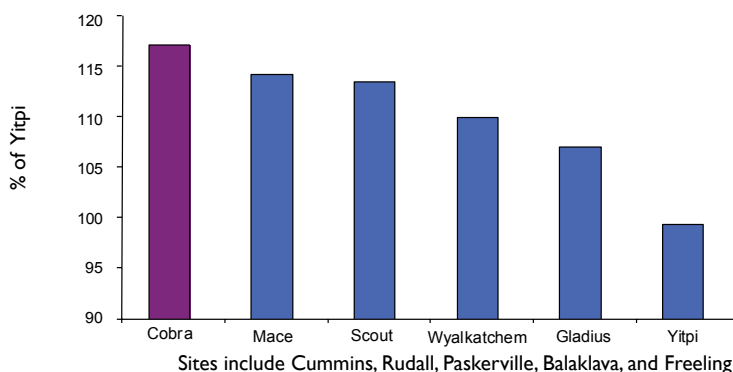
Resistance rating: VS=Very Susceptible, S=Susceptible, MS=Moderately Susceptible, MR=Moderately Resistant  
 R=Resistant, Tol Rating - T =Tolerant, MT=Moderately Tolerant, MI =Moderately Intolerant, I = Intolerant, VI = Very Intolerant  
 Data sourced SARDI 2012, LongReachPlant Breeders. \* Preliminary Data Based on limited data set

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### Cobra Yield in Victoria LongReach long term trials (2009-2011) as a % of Yitpi



### Cobra Yield in SA LongReach long term trials (2009-2011) as a % of Yitpi



#### Seed Availability

##### 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 Cobra the grower agrees to comply with the Variety Licence and Royalty Agreement, including agreement to pay the EPR of \$3.85 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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