



LongReach



# Cobra

VIC, SA and SNSW

**Now Free to Trade**

Please complete the grower registration form - available from our Pacific Seeds Website

## KEY FEATURES

- A high yielding early-mid maturity variety suited to upside yielding areas of Southern Australia
- Standout variety in irrigated trials showing significant yield advantage over Chara
- AH classification in Southern and South Eastern Zone
- Good Yellow Spot resistance (MR-MS)
- Sound rust resistance package for Stem (R-MR) and Leaf (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.

## BREEDING Pedigree:Westonia/Sentinel

Cobra has been extensively evaluated by the LongReach Plant Breeders technical team since 2007, led by Dr Bertus Jacobs. The line was first entered into National Variety Trials in 2010.

## AGRONOMIC FEATURES

Cobra is a early-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 and in irrigated situations. While Cobra has been selected to suit the alkaline soils widely found in SA and VIC, it also shows good yield performance in low pH soils. Cobra has medium length Coleoptiles with good seedling vigour and compact plant height at maturity. Cobra is moderately resistant (MR) to lodging. Cobra is ideally suited to direct drilling systems where management of bulky stubble can be an issue with some varieties. Cobra has shown sound test weight and medium grain size.

**Disease and Pest Resistance Ratings: Cobra and commercial varieties**

Variety	Disease Ratings							Pest Reaction		
	Stem Rust	Leaf Rust <small>p=provisional to new pathotype</small>	Stripe Rust	Stripe Rust	Septoria tritici	Crown Rot	Yellow Spot	CCN Res	RLN	
			WA pt	Yr17+27+ pt					(Pthornei) Restance	(Pneglectus) Restance
Chara	MR-MS	Sp	MS-S	MS-S	MS-S	S	MS-S	R	MR-MS	S-VS
<b>Cobra</b>	<b>R-MR</b>	<b>MR</b>	<b>MS-S</b>	<b>MS-S</b>	<b>MS-S</b>	<b>S</b>	<b>MR-MS</b>	<b>MS</b>	<b>MS-S</b>	<b>MS</b>
Corack	MR	S-VSp	MS	MS	S	S	MR	R-MR	S	S
EGA Gregory	MR	MR	MR	MR	MS	S	S	S	MS	MS-S
Mace	MR	MS-Sp	R	S-VS	MR-MS	S	MR-MS	MR-MS	MS	MS
Scout	MR	MR-MSp	R-MR	MS	MS-S	MS-S	S-VS	R	MS	S
Trojan	MR-MS	MRp	MR	MR	MSS	MS	MSS	MS	MS	MSS
Yitpi	S	Sp	MRMS	MRMS	MSS	S	SVS	MR	S	MSS

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 DPIVIC/SARDI 2015 Cereal Variety Disease Guide & LongReach Plant Breeders Disease Screens and Breeder Ratings.

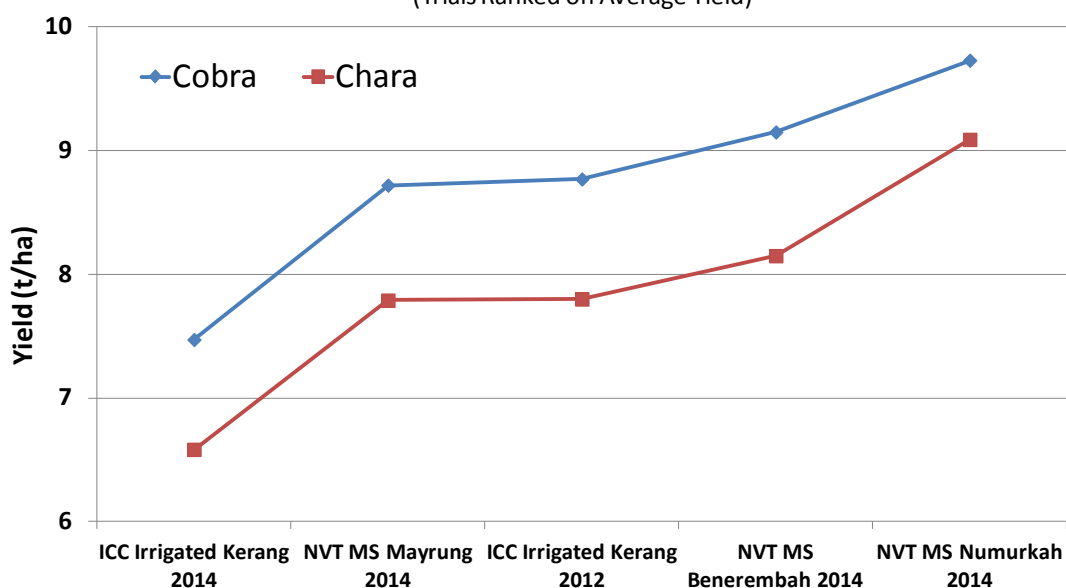


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**SA, Vic and SNSW NVT Wheat Main Season MET Long Term Predicted yield (t/ha) (2010-14)**

	South Australia					Victoria			New South Wales	
	Lower EP	Mid North	South East	Upper EP	Yorke P	Wimmera	North Central	North East	South West	South East
Variety	t/ha	t/ha	t/ha	t/ha	t/ha	t/ha	t/ha	t/ha	t/ha	t/ha
Chara						3.38	3.72	4.53	3.36	3.95
<b>Cobra</b>	<b>4.57</b>	<b>4.06</b>	<b>4.22</b>	<b>2.37</b>	<b>4.72</b>	<b>3.64</b>	<b>3.96</b>	<b>4.96</b>	<b>3.67</b>	<b>4.42</b>
Corack	4.68	4.23	4.28	2.50	4.88	3.77	3.88	4.78	3.58	4.23
Derrimut	4.31	3.86	3.97	2.25	4.33	3.53	3.66	4.41	3.22	
EGA Gregory							3.93	4.80	3.60	4.21
Mace	4.62	4.16	4.21	2.51	4.86	3.71	3.86	4.73	3.57	4.21
Scout	4.53	4.01	4.18	2.36	4.61	3.66	4.02	4.92	3.71	4.35
Trojan	4.73	4.14	4.34	2.49	4.89	3.78	3.98	4.99	3.60	4.33
Wyalkatchem	4.50	4.02	4.13	2.39	4.67	3.60	3.78		3.51	
Yitpi	4.16	3.64	3.81	2.28	4.28	3.37	3.78	4.56	3.42	3.98
RegMeanYield	4.31	3.83	3.95	2.31	4.43	3.48	3.79	4.59	3.46	4.04

**Comparative yield of Cobra and Chara in Irrigated Vic and SNSW trials**  
(Trials Ranked on Average Yield)



**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	Hart Bros. Seeds June, NSW Ph: 02 6924 7206
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**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	Seed Supplies SA Kadina, SA Ph: 08 8825 7224	RH Verner & Co Mallala, SA Ph: 08 8520 2181
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