



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
Cobra	R-MR	MR	MS-S	MS-S	MS-S	S	MR-MS	MS	MS-S	MS
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 & LongReachPlant Breeders Disease Screens and Breeder Ratings.

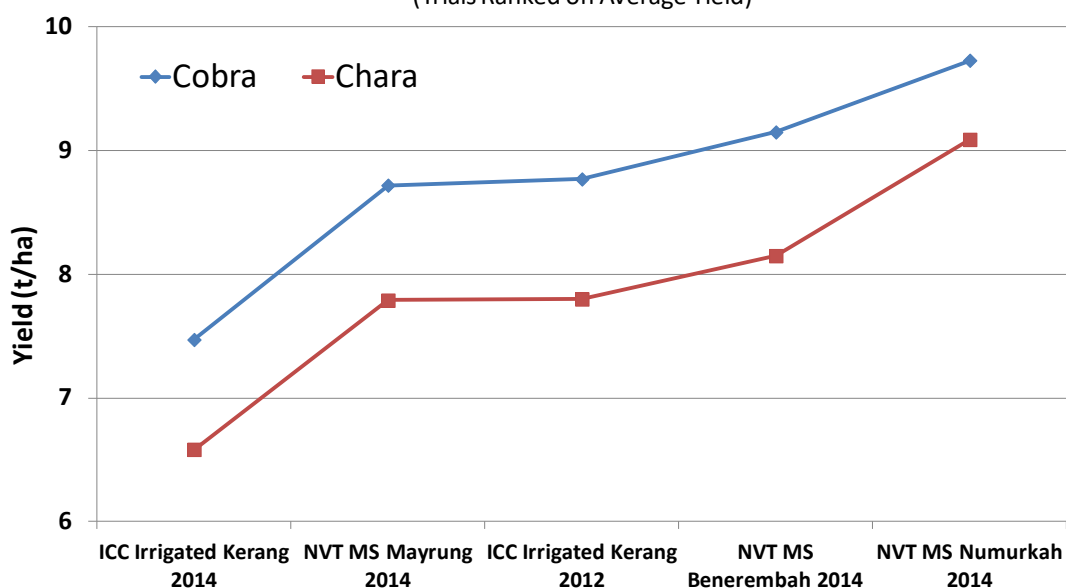
WHEAT

pacificseeds.com.au



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
Cobra	4.57	4.06	4.22	2.37	4.72	3.64	3.96	4.96	3.67	4.42
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

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

Plant Breeders Rights



LongReach Cobra is protected by Plant Breeders Rights (PBR). In regard to propagating material (planting seed) of this variety, any unauthorised commercial production or reproduction, conditioning for propagation, offering for sale, sale, import, export or stocking of propagating material is an infringement under the Plant Breeders Rights Act 1994. Grower to grower trading of seed of LongReach Cobra is allowed.

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 \$3.50 per tonne (GST Excl). 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 Advanta Seeds to the Breeder (LongReach Plant Breeders) for investment in future wheat breeding programs

The information provided in this publication is intended as a guide only. Advanta Seeds Pty Ltd (including its officers, employees, contractors and agents) ('Advanta Seeds') can not guarantee that every statement is without flaw of any kind. While Advanta Seeds has taken all due care to ensure that the information provided is accurate at the time of publication, various factors, including planting times and environmental conditions may alter the characteristics and performance from plants.

Advanta Seeds shall not be liable for any errors or omissions in the information or for any loss, injury, damage or other consequence whatsoever that you or any person might incur as a result of your use of or reliance upon the products (whether Advanta Seeds products or otherwise) and information which appear in this publication. To the maximum extent permitted by law, the liability of Advanta Seeds for any claim whatsoever arising out of the supply or use of or reliance upon the products and information in this publication (including liability for breach of any condition or warranty implied by the Trade Practices Act 1974 or any other law) is limited at its discretion, to the replacement of the products, the supply of equivalent products or the resupply of the publication. For application to specific conditions, seek further advice from a local professional.