

## VARIETY ATTRIBUTES

A high yielding soft wheat - ASFT(soft) in South Eastern and Northern Zones

Mid season maturity suited to a main season planting

Market leading resistance to Stripe Rust (RMR), Leaf Rust (RMR) and Stem Rust (MR)

Very good soft wheat grain package with excellent test weight, low screenings and low protein accumulation

Outstanding shorter canopy to make on farm management and stubble handling easier

## AGRONOMIC FEATURES

The Cross C41001/Impala.

LRPB Oryx is a high yielding ASFT (soft) classified wheat that has been approved for release by Allied Mills and Arnotts as a suitable soft wheat variety that meets all their quality requirements. LRPB Oryx is based on the proven genetics of LRPB Impala.

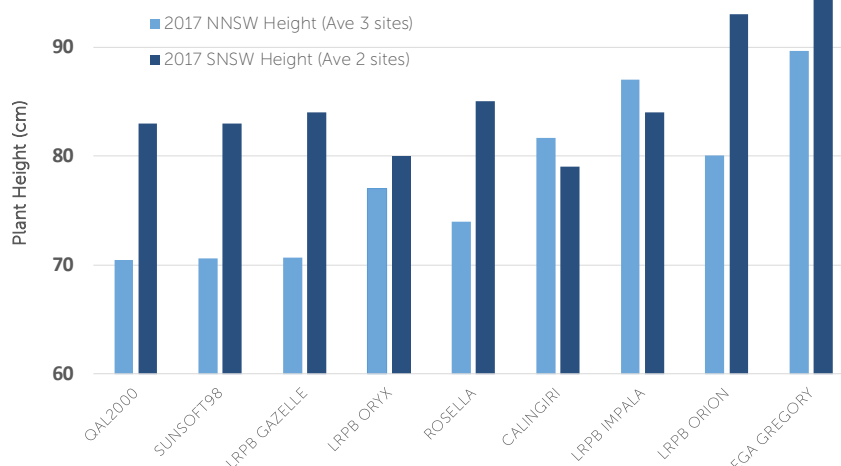
Like Impala it is well suited to main season planting in dryland and supplementary irrigation soft wheat systems. LRPB Oryx has demonstrated reduced canopy heights over its Impala parent to aid in harvest efficiency along with improved disease traits.

### DISEASE RESISTANCE

Stem Rust		MR
Leaf Rust		RMR/S
Stripe Rust East		RMR
Yellow Spot		MSS
Septoria tritici		SVS
Crown Rot		MSS
Prat.thornei	Res	MSS
Prat.thornei	Tol	IVI
Prat.neglectus	Res	MSS
Prat.neglectus	Tol	I
Black Point		MS

Resistance ratings: 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  
Data sourced NVT and LongReach Plant Breeders 2020. p = Preliminary Data Based on limited data set.  
Leaf Rust - varieties with a second rating separated by a / show the reaction to the Lr\_24 pathotype if it is present.

Plant Height from LongReach sites - 2017



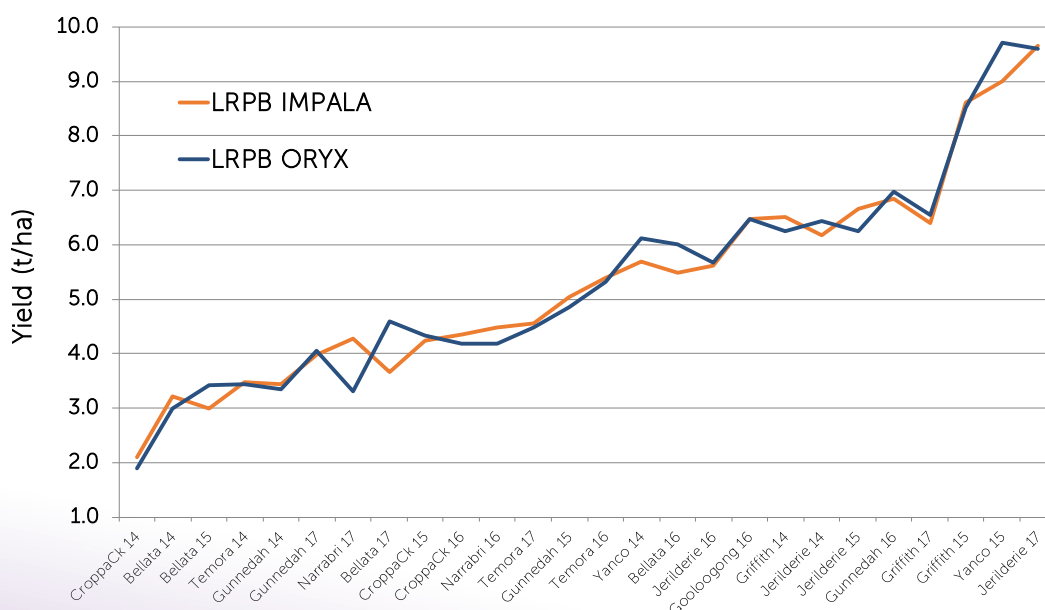
# YIELD PERFORMANCE

NSW Main Season Long Term MET Yield %MY (2013-17)				
Region	N/E	N/W	S/E	S/W
Mean Yield t/ha	3.42	3.39	4.46	3.96
Trial No.	26	32	24	35
LRPB Impala	103	103	99	99
LRPB Oryx*	102	102	102	101
QAL2000	94	95	95	97

\*Included in NVT trials from 2015 onwards

Results of LongReach Plant Breeders trials have consistently shown Oryx to be marginally quicker to maturity than Impala making it a genuine Early-Mid Maturing variety. LRPB Oryx shows similar adaptability and yield to Impala with improvements in agronomy and leaf rust to meet the needs of Northern Impala growers.

Long term yield - LongReach Soft wheat trials 2014-17



Agrigrain  
Narromine, NSW  
Ph: 02 6889 2200

Auswest Seeds  
Forbes, NSW  
Ph: 02 6852 1500

Hart Bros. Seeds  
June, NSW  
Ph: 02 6924 7206

Baker Seed Company  
Rutherglen, VIC  
Ph: 02 6032 9484



## PLANT BREEDERS RIGHTS

LongReach Oryx 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. No Grower to grower trading of seed of LongReach Oryx is allowed.

## End Point Royalty (EPR)

Each time a grower purchases seed of LongReach Oryx the grower agrees to comply with the Variety Licence and Royalty Agreement, including agreement to pay the EPR of \$3.75 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.  
© Advanta Seeds 2019