

## 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 (R) 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.

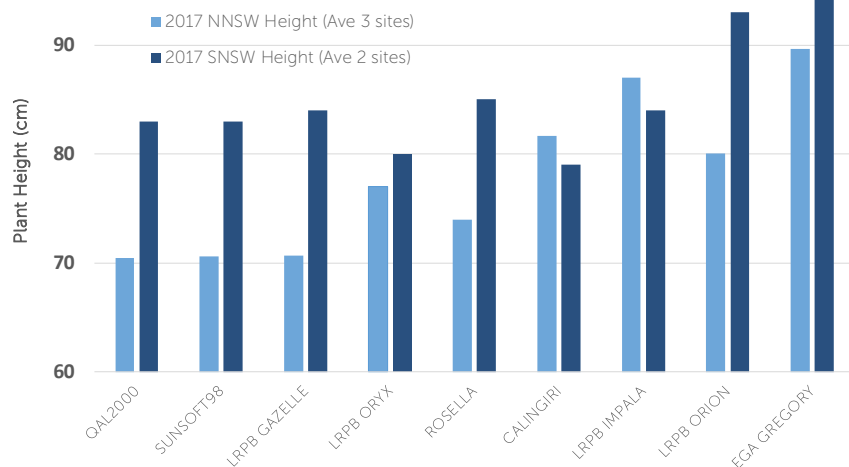
Like Impala it is well suited to main season planting in dryland and supplementary irrigation soft wheat systems. LRPB Oryx has demonstrated reduced canopy heights over its Impala parent to aid in harvest efficiency along with improved disease traits.

### DISEASE RESISTANCE

Stem Rust		MR
Leaf Rust		MR
Stripe Rust Yr17+27+		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  
2019. p = Preliminary Data Based on limited data set

Plant Height from LongReach sites - 2017



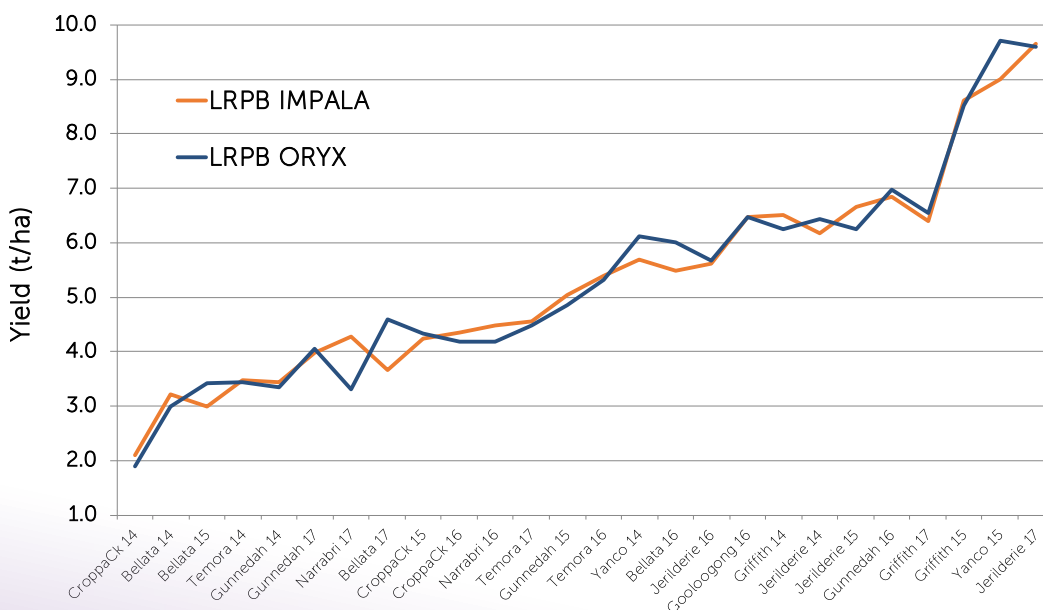
# YIELD PERFORMANCE

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  
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Ph: 02 6751 1209

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### 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.

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