

RAIDER

LPB16-3538

A New Variety from Pacific Seeds

VARIETY ATTRIBUTES

A Slow Spring maturing variety suitable for Early to Mid season planting throughout NSW and QLD

High yielding variety showing stable yield performance across a wider sowing window

Secure disease and grain package suitable for all production environments across NSW and QLD

Moderate canopy for crop management with good standability

APH classification throughout NSW and QLD

DISEASE RESISTANCE

Stem Rust	Rp	
Leaf Rust	Rp/MRMSp	
Stripe Rust East	RMRp	
Yellow Spot	MSSp	
Septoria tritici	MSSp	
Crown Rot	MSp	
Prat.thornei	Res	-
Prat.thornei	Tol	MTp
Prat.neglectus	Res	-
Prat.neglectus	Tol	-
Black Point	-	

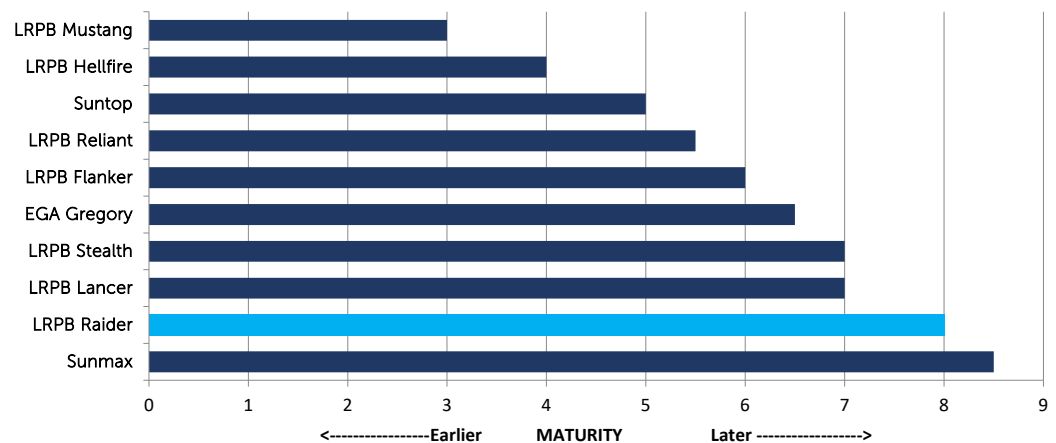
Resistance ratings: VS =Very Susceptible, S =Susceptible MS=Moderately Susceptible, MR =Moderately Resistant R =Resistant. Tol Rating - T =Tolerant MT =Moderately Tolerant, MI =Moderately Intolerant I =Intolerant. Data sourced NVT and LongReach Plant Breeders Feb 2021. p = Preliminary Data Based on limited data set. Leaf Rust - varieties with a second rating separated by a / show the reaction to the LR_24 pathotype if it is present.

AGRONOMIC BACKGROUND

LRPB Raider is a LRPB Lancer/LRPB Reliant cross that was made in an effort to produce a shorter height LRPB Reliant type with an improved disease profile and increased tillering.

The result is a slow spring variety with the ability to quicken in cooler environments and seasons, while retaining LRPB Lancer's high tillering growth style and LRPB Reliant's ability to finish the season off fast. These attributes help give LRPB Raider greater flexibility in its sowing window without compromising on relative yield performance.

Wheat Maturity - NSW/Qld Selected APH Varieties



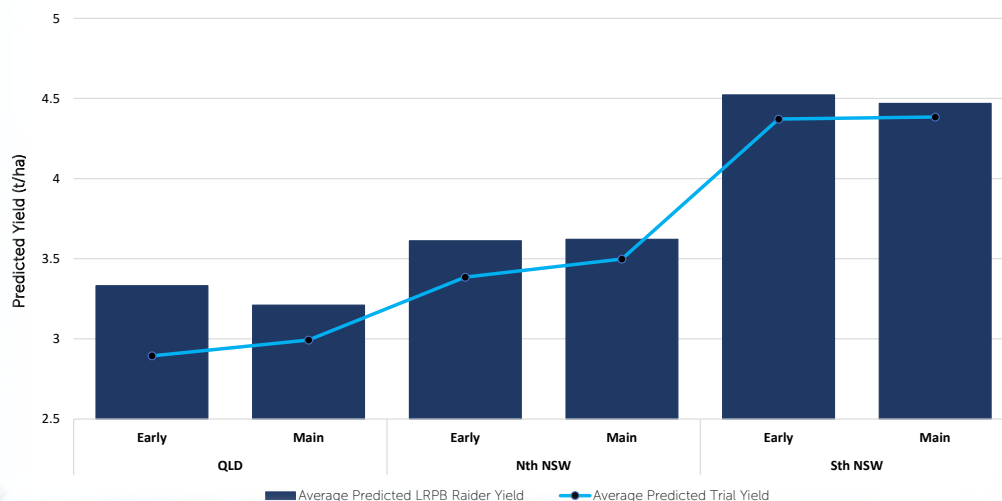
YIELD PERFORMANCE

NVT Early Season MET Analysis 2016-2020 Selected APH Varieties								
Variety	Maturity *	CQ	SW QLD	SE QLD	NE NSW	NW NSW	SE NSW	SW NSW
LRPB Raider	Slow Spring	121	113	110	106	108	102	103
Coolah	Mid Spring	123	111	109	106	108	102	102
Sunflex	Slow Spring	121	111	109	106	107	108	107
LRPB Flanker	Mid Spring	121	108	104	104	105	94	95
LRPB Stealth	Mid Spring	118	107	104	103	105	101	103
EGA Gregory	Mid Spring	113	105	102	101	102	91	92
LRPB Lancer	Mid Spring	111	101	98	102	103	98	100
Sunmax	Slow-V.Slow Spring	88	104	110	102	101	98	96
Average Predicted Yield t/ha		2.83	2.79	3.38	3.69	3.17	4.56	5.15
Trial included in Analysis		19	24	8	18	25	21	25

*Maturity rating based on phenological data reported in 2020 NVT trials in NSW and QLD

While LRPB Raiders maturity indicates it should produce optimum yield performance in early sown trials the variety was entered into both Early and Main Season NVT trials across NSW and QLD in 2020. LRPB Raider demonstrated excellent yields across a range of sowing times and environments producing consistent competitive yields across these trial sets even when planted later than ideal for the variety.

LRPB Raider Predicted Yield Performance Across Early and Main Season NVT Trials
(NVT Early and Main Season MET Analysis 2016-2020)



LongReach Raider is available through our Associate Network, for contact information please go to www.pacificseeds.com.au



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End Point Royalty (EPR)

Each time a grower purchases seed of LongReach Raider the grower agrees to comply with the Variety Licence and Royalty Agreement, including agreement to pay the EPR of \$4.25 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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