

LONGREACH RAIDER

LPB16-3538

STATE: QLD & NSW

FREE TO TRADE

Please complete the grower sales declaration form available from the Pacific Seeds website.



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.

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.

DISEASE RESISTANCE

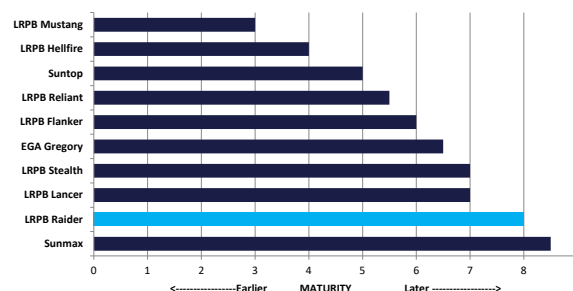
Stem Rust	RMR
Leaf Rust	RMR
Stripe Rust East	MR
Yellow Leaf Spot	MSS
Septoria tritici	S
Crown Rot	MSS
Prat.thornei (Res)	MS
Prat.thornei (Tol)	MT
Prat.neglectus (Res)	MSS
Prat.neglectus (Tol)	MTMI
Black Point	Sp

Longreach disease ratings have been compiled from LongReach disease screening data and from NVT disease ratings March 2024. Resistance ratings: VS=Very susceptible, S=Susceptible, MS=Moderately susceptible, MR=Moderately resistant, R=Resistant. Tolerance ratings: T=Tolerant, MT=Moderately tolerant, MI=Moderately intolerant, I=Intolerant, VI=Very intolerant. p=Preliminary data based on limited data set. #=may be more susceptible to alternative pathotypes.

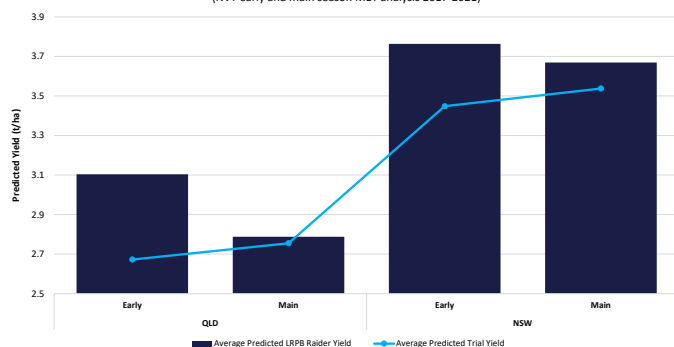
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LRPB phenology data shows LRPB Raider can speed up its maturity in the cooler environments of Southern NSW relative to varieties with known low vernalization and high photoperiod maturity holds (i.e Sunmax). This is a leading indicator of a positive vernalization response (ie. speeds up maturity in cooler environments) and indicates the possibility of a wider sowing window within and across production zones.

Wheat maturity - NSW/Qld selected APH varieties



LRPB Raider predicted yield performance across early and main season NVT trials
(NVT early and main season MET analysis 2017-2021)



YIELD PERFORMANCE

While LRPB Raiders maturity indicates it should produce optimum yield performance in early sown trials, the variety has demonstrated excellent yields across a range of sowing times and environments, producing consistent and competitive yields across trial sites even when planted later than ideal for the variety.

NVT early season MET analysis 2017-2021 (% predicted regional mean yield)								
Variety	Maturity	CQ	SW QLD	SE QLD	NE NSW	NW NSW	SE NSW	SW NSW
LRPB Raider	Slow Spring	117.7	115.4	113.2	107.9	110.4	99.1	100.2
Coolah	Mid Spring	117.5	112.2	111.3	107.3	109.8	99.3	101.1
Sunflex	Slow Spring	115.8	109.0	109.5	108.5	110.4	107.0	105.7
LRPB Flanker	Mid Spring	114.7	107.3	101.0	99.7	100.5	92.3	94.0
LRPB Stealth	Mid Spring	114.6	109.3	108.2	104.8	107.0	95.9	99.7
EGA Gregory	Mid Spring	107.4	106.5	100.9	98.6	98.9	88.5	91.0
LRPB Lancer	Mid Spring	106.2	100.1	101.2	99.8	101.2	94.2	99.6
Average PredictedYield (t/ha)		2.69	2.68	2.60	3.77	3.19	4.71	5.23
Trials in Analysis)		23	27	6	18	22	21	25

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

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