

## VARIETY ATTRIBUTES

Mid maturity AH wheat with market leading yield that has consistently outperformed Vixen and Scepter

Improved shorter canopy compared to Scepter with better lodging tolerance

Improved Powdery Mildew (MS) and Stripe rust resistance (MS) over Scepter adding some minor genes for both diseases

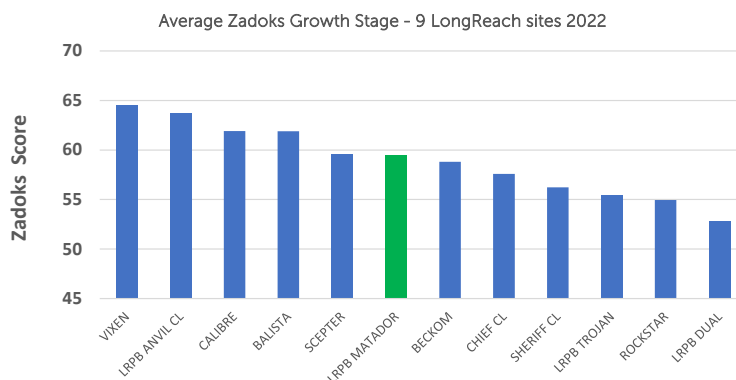
DISEASE RESISTANCE	
Stem Rust	MSp
Leaf Rust	MSSp
Stripe Rust East	MSp
Yellow Leaf Spot	MRMS
Septoria Tritici Blotch	Sp
BlackPoint	MSp
CCN	-
Powdery Mildew	MSp

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, VI=Very Intolerant.  
Varieties with # indicate susceptibility to pathotype variant. Data sourced via NVT ([www.nvtonline.com.au](http://www.nvtonline.com.au)) and LRPB Disease Screening Results Feb 2023. p=Preliminary Data Based on limited data set

## AGRONOMIC BACKGROUND

LRPB Matador is a Double Haploid variety that has been produced from a cross between Scepter and a breeding line by LongReach Plant Breeders. It has a Mid Spring maturity that is very similar to Scepter and is well suited to planting in May.

LRPB Matador has shown similar broad adaptation to Scepter to suit a large area of SA and Vic and complements quicker varieties like Vixen and Calibre on farm. LRPB Matador shows average vigour with good tillering and steadily builds bulk over the season. With a more erect and shorter plant type than Scepter it can handle both tough conditions and high production. Lodging tolerance has shown to be better than Scepter and much better than Calibre, LRPB Matador has tolerance genes for both Boron and Aluminium. LRPB Matador disease resistance has some significant improvements over Scepter. Stripe Rust for LRPB Matador has been rated MSp (LongReach and NVT rating) with a consistently better disease rating than Scepter (MSS) or Vixen (SVS) indicating extra APR genes on top of the Scepter reaction type that support fungicides in the paddock. NVT Powdery rating for LRPB Matador (MSp) shows similar level of partial resistance that have shown to be effective in reducing the pressure in the lower canopy and support fungicide treatments to contain the disease.



LRPB Matador has a Mid Spring maturity that is very similar to Scepter and is well suited to planting in May, similar to how Scepter has been widely used.

## GRAIN QUALITY

LRPB Matador has an AH Classification in the Southern Zone (SA/Vic) with medium grain size, acceptable screenings and good test weight. Solid Blackpoint tolerance (MS) and has shown good Falling Number tolerance at sites with rain prior to harvest.

## YIELD PERFORMANCE

In 37 LongReach trials over 4 years (2019-2022) LRPB Matador (MET Ave. 4.67 t/ha) has consistently out yielded Scepter (MET Ave. 4.49 t/ha) in 84% of trials as well as outperformed Vixen (MET Ave. 4.58 t/ha) in 57% of trials.

VARIETY	2019 (6 trials)	2020 (7 trials)	2021 (11 trials)	2022 (13 trials)
Scepter	104	102	100	97
LRPB Matador	109	107	106	100
Vixen	110	106	100	98
Mean Yield (t/ha)	3.69	4.36	3.59	5.72

LongReach MET Predicted Yield (%SMY) presented as Year Groups for 37 SA/Vic trials, 2019-2022

LRPB Matador, mid spring, high yielding Scepter type with improved canopy and disease resistance



LRPB Matador canopy structure, Diggora 2022

LRPB Matador is available through our Associate Network For Contact Information please go to [www.pacificseeds.com.au](http://www.pacificseeds.com.au)



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