

LONGREACH MATADOR

LPB18-4160

Victoria and South Australia



LRPB Matador canopy structure, Diggora 2022



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	MS
Leaf Rust	MSS
Stripe Rust East	MS
Yellow Leaf Spot	MRMS
Septoria Tritici Blotch	Sp
Blackpoint	MRMSp
CCN	MSp
Powdery Mildew	MS

Longreach disease ratings have been compiled from LongReach Disease Screening data and from NVT Disease Ratings May 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.

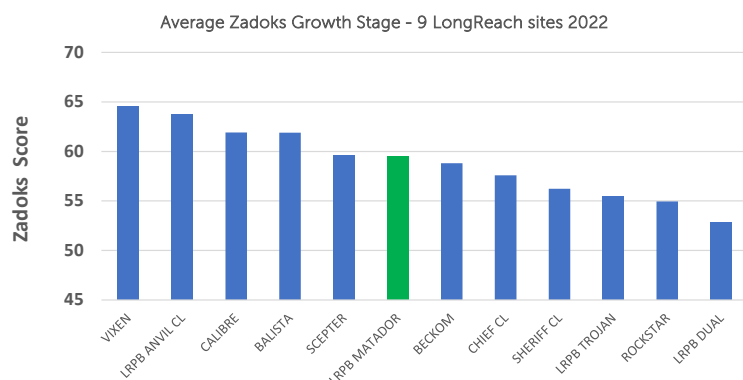
AGRONOMIC BACKGROUND

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 (MS) 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 (MS) 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.

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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 a final AH Classification in the Southern Zone (SA/Vic) with medium grain size, acceptable screenings and good test weight. Solid Blackpoint tolerance (MRMSp) and has shown good falling number tolerance at sites with rain prior to harvest.

YIELD PERFORMANCE

In 41 LongReach trials over 4 years (2020-2023) LRPB Matador (MET Ave. 4.83 t/ha) has consistently out yielded Scepter (MET Ave. 4.64 t/ha) in 83% of trials as well as outperformed Vixen (MET Ave. 4.70 t/ha) in 73% of trials.

VARIETY	2020 (7 trials)	2021 (11 trials)	2022 (13 trials)	2023 (13 trials)
Scepter	102	101	97	104
LRPB Matador	106	105	100	108
Vixen	106	101	98	103
Mean Yield (t/ha)	4.41	3.62	5.65	406

LongReach MET Predicted Yield (%SMY) presented as Year Groups for 41 SA/Vic trials, 2020-2023

LRPB Matador is available through our Associate Network For Contact Information please go to www.pacificseeds.com.au

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