

Illabo^{db}



Variety snapshot

- Dual purpose winter wheat for grazing and grain production
- A higher yielding alternative to EGA Wedgetail^Φ and LRPB Kittyhawk^Φ
- AH quality classification
- Mid winter maturity, 2-3 days quicker than EGA Wedgetail^Φ
- Improved resistance to stripe rust and black point over EGA Wedgetail^Φ
- Excellent powdery mildew resistance

Breeder's comments

Mixed farming has traditionally had a strong presence in many regions of SA and Victoria. The mixture of cropping and livestock has benefited farmers, helping to improve profits while also assisting in risk management. Dual purpose wheats offer many benefits to farmers in a mixed enterprise, and EGA Wedgetail[®] has been the variety of choice for many seasons now.

Illabo[®] is the first variety to be released from our dedicated winter wheat breeding program at Wagga Wagga, and has been bred with the intent of offering growers an improved version of EGA Wedgetail[®]. The main improvement that Illabo[®] offers over EGA Wedgetail[®] is yield, with Illabo[®] consistently out-yielding EGA Wedgetail[®] and other competitor LRPB Kittyhawk[®] in long term NVT early sown and long season trials across Victoria and SA. Illabo[®] also offers an improved disease resistance package over EGA Wedgetail[®], with better stripe rust and black point resistance, while providing excellent resistance to powdery mildew.

Like its parent EGA Wedgetail[®], Illabo requires a period of cold temperatures (vernalisation) before moving from vegetative to reproductive growth, and this maturity trigger allows Illabo[®] to be sown early in the cropping program with the aim of producing increased dry matter to fill early feed gaps.

To maximise grain only yield, Illabo[®] appears ideally suited to mid-late April in high yield environments, and mid April planting in low yield environments. To maximise grazing potential and dry matter production, Illabo[®] can be sown from mid March through to mid April.

Table 1. Specifications

Background

Tested as	V09150-01
Released	2018
EPR rate	\$3.50/tonne + GST

Performance

Grain yield	Please consult the NVT website for current data: https://nvt.grdc.com.au/
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Disease

Stem Rust resistance*	MR
Stripe Rust resistance*	MRMS
Leaf Rust resistance*	S
Yellow Leaf Spot resistance*	MS
Powdery Mildew resistance*	RMR
Septoria Tritici Blotch resistance*	MSS
CCN resistance*	MRMS
Pratylenchus Neglectus resistance*	MSS
Pratylenchus Neglectus tolerance*	MI
Eyespot resistance*	S
Crown Rot resistance*	S

Plant Characteristics

Maturity speed^	Mid
Maturity habit^	Winter
Sowing window^	Early
Novel herbicide tolerance^	None (conventional tolerance)
Head type^	Awned
Plant height^	Short to moderately short
Coleoptile length^	Short
Lodging tolerance^	MT

Abiotic Stress

Boron tolerance^	Does not carry tolerance gene
Acid/aluminium tolerance^	Does not carry tolerance gene

Grain Quality

Quality classification	AH
Screenings level^	White
Retentions level^	Very low
Test weight^	Very low
Sprouting tolerance^o	MII
Black Point resistance*	MRMS

Legend

R	Resistant	VI	Very Intolerant	o	Rating based on Germination Index Values
MR	Moderately Resistant	(P)	Provisional rating	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/TraitRatings
MS	Moderately Susceptible	NA	Not Available		
S	Susceptible	/	Pathotype differences		
VS	Very Susceptible	-	Range		
T	Tolerant	,	Mixed phenotype		
MT	Moderately Tolerant	#	May be more susceptible to alternate pathotypes		
MI	Moderately Intolerant	*	NVT consensus ratings 2025		
I	Intolerant				



Seed Availability

Please contact an AGT Affiliate or your local retailer for seed. Consult the AGT website for AGT Affiliate contact details (www.agtbreeding.com.au/affiliates). AGT varieties can be traded between growers upon the completion of a License Agreement as part of AGT's Seed Sharing™ initiative (www.agtbreeding.com.au/seedsharing)

PBR and EPR

Varieties denoted by the [®] symbol are protected by Plant Breeders Rights (PBR) and all production (except seed saved for planting) is liable to an End Point Royalty (EPR), which funds future plant breeding. Growers of PBR protected varieties will be subject to a Grower License Agreement that acknowledges that an EPR must be paid on all production other than seed saved for planting.

Contact

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The information contained in this brochure is based on knowledge and understanding at the time of writing. Growers should be aware of the need to regularly consult with their advisors on local conditions and currency of information. Wherever possible, independent NVT data has been used in this publication. In the absense of NVT data, AGT data has been provided.