

Illabo[®]



Variety snapshot

- A high yielding, awned winter wheat
- Suitable option for either graze and grain recovery or early sowing in a grain only system
- AH quality classification in WA
- A higher yielding alternative to EGA Wedgetail^Φ and LRPB Kittyhawk^Φ
- 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

Today, Western Australian growers are seeking safe and reliable early sowing options to take advantage of early moisture, manage frost risk, and/or fill the autumn feed gap in mixed farming enterprises. The introduction of a winter wheat variety provides growers with an opportunity to manage these requirements within and across their farming systems.

Launched in 2018, Illabo[®] was the first variety to be released from our dedicated winter wheat breeding program in Wagga Wagga. Illabo[®] is a quick-mid maturing, AH quality winter wheat that provides a safe agronomic package to take advantage of early sowing opportunities.

Winter wheat varieties, including Illabo[®], require a period of cold temperatures (vernalisation) before moving from vegetative to reproductive growth. This maturity trigger allows Illabo[®] to be sown early in the cropping program without bringing the reproductive window forward. Early sowing and long vegetative periods of winter wheats such as Illabo[®] allows for the production of valuable dry matter to provide ground cover and fill early feed gaps.

To maximise grain only yield, Illabo[®] appears ideally suited to an early-mid April sowing in high yielding environments of the Great Southern and South Coast, and where early moisture is available in low rainfall environments of the eastern wheatbelt. When sown in early-mid April, Illabo[®] has the potential to deliver yields comparable to timely sown spring varieties.

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*	RMR
Leaf Rust resistance*	S
Yellow Spot resistance*	MS
Powdery Mildew resistance*	R
Septoria Nodorum Blotch (Glume) resistance*	MR
Septoria Nodorum Blotch (Leaf) resistance*	MR

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
Grain colour	White
Screenings 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		
MS	Moderately Susceptible	NA	Not Available	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/TraitRatings
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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agtbreeding.com.au

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.