Willaura

- Very slow maturity, over a week slower than Rockstar$^{\phi}$, similar to LRPB Beaufort$^{\phi}$
- Best suited to the higher rainfall environments of Victoria and south east SA
- AH quality classification
- Competitive grain yield in longer season environments
- Relatively compact canopy, giving good standability in high yield potential situations

Breeder's comments

Willaura$^{\Phi}$ is a very slow maturing AH quality variety, reaching head emergence over a week later than Rockstar$^{\Phi}$ and is well suited to high yield potential environments characterised by longer growing seasons.

Both AGT and NVT data show that in early season trials Willaura$^{\Phi}$ offers competitive yields with other milling grade varieties that are used in these environments.

Willaura$^{\Phi}$ has a relatively compact canopy and good straw strength, giving it good standability in high yield potential situations.

Willaura$^{\Phi}$ is now susceptible to stripe rust so proactive management of this disease is required. We recommend Avoca$^{\Phi}$ as a suitable Willaura$^{\Phi}$ alternative, offering better stripe rust resistance and higher yield.

Willaura

Table 1. Specifications

Background

Tested as	SUN968G
Released	2020
EPR rate	$4.35/tonne + GST

Performance

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

Disease

Stem Rust resistance*	MR
Stripe Rust resistance*	S
Leaf Rust resistance*	MRMS
Yellow Leaf Spot resistance*	MS
Powdery Mildew resistance*	SVS
Septoria Tritici Blotch resistance*	S
CCN resistance*	MS
Pratylenchus Neglectus resistance*	MSS
Pratylenchus Neglectus tolerance*	MII
Eyespot resistance*	MSS (P)
Crown Rot resistance*	S

Plant Characteristics

Maturity speed^	Very slow
Maturity habit^	Spring
Sowing window^	Early
Novel herbicide tolerance^	None (conventional tolerance)
Head type^	Awned
Plant height^	Moderately short
Coleoptile length^	Moderate
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 high
Test weight^	Moderate
Sprouting tolerance^°	I
Black Point resistance*	MRMS

Legend

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

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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)

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Varieties denoted by the Φ 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.

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