AGT-Banker♭

- High yielding, particularly suited to low-medium rainfall environments
- Suitable replacement for Bitalli[Φ] and DBA-Aurora[Φ]
- Excellent rust and yellow leaf spot resistance
- ADR quality classification with very high test weights

Breeder's comments

AGT-Banker$^{\Phi}$ is derived from Bitalli$^{\Phi}$ and offers similar toughness at low-medium yield potentials, but with increased yield and better standability.

AGT-Banker$^{\Phi}$ may be viewed as a Bitalli$^{\Phi}$ and DBA-Aurora$^{\Phi}$ replacement, particularly for lower to medium rainfall environments. It is a bit later maturing than Bitalli$^{\Phi}$, more similar to DBA-Aurora$^{\Phi}$.

Although it does not yet have a CCN resistance rating, AGT-Banker$^{\Phi}$ holds the Cre8 CCN resistance gene which provides CCN resistance in many bread wheat varieties.

Like most other durum varieties, AGT-Banker$^{\Phi}$ offers very good stem, stripe and leaf rust resistance, and yellow leaf spot resistance.

AGT-Banker$^{\Phi}$ has an ADR quality classification in SA/Vic and produces moderately sized grain, similar to Patron$^{\Phi}$, and very high test weight.

AGT-Banker$^{\Phi}$ takes its name from the winner of the Melbourne Cup in 1863.

AGT-Banker

Table 1. Specifications

Background

Tested as	AGTD173
Released	2025
EPR rate	$4.30/tonne + GST

Disease

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

Plant Characteristics

Maturity speed^	Mid
Maturity habit^	Spring
Sowing window^	Main & late
Novel herbicide tolerance^	None (conventional tolerance)
Head type^	Awned
Plant height^	Moderately tall
Coleoptile length^	Short
Lodging tolerance^	MII

Abiotic Stress

Boron tolerance^	NA
Acid/aluminium tolerance^	NA

Grain Quality

Quality classification	ADR
Screenings level^	Moderate
Test weight^	Very high
Sprouting tolerance^°	MII
Black Point resistance*	NA

Legend

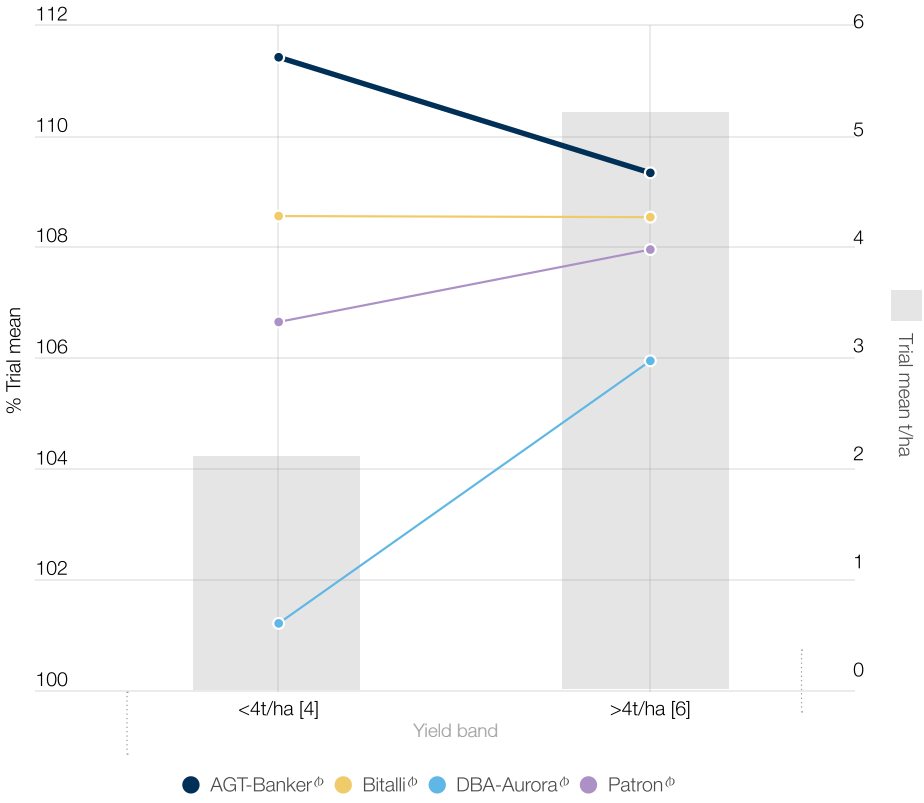
R	Resistant
MR	Moderately Resistant
MS	Moderately Susceptible
S	Susceptible
VS	Very Susceptible
T	Tolerant
MT	Moderately Tolerant
MI	Moderately Intolerant
I	Intolerant
VI	Very Intolerant
(P)	Provisional rating
NA	Not Available
/	Pathotype differences
-	Range
,	Mixed phenotype
#	May be more susceptible 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

Grain yield

Long term AGT yield trials in SA/Vic have shown AGT-Banker$^{\Phi}$ has produced very high yields relative to comparators, offering the largest yield advantage in environments under 4t/ha yield potential. (Figure 1).

Note: AGT-Banker$^{\Phi}$ has only been in very limited NVT testing across SA/Vic, with wider testing being conducted in the 2025 season.

Figure 1. Predicted grain yield of AGT-Banker$^{\Phi}$ versus comparators - yield bands - AGT data



Source: AGT MET analysis, SA/Vic trials 2021-2024 (10 sites)

[ ] : Total number of trials per yield band

Variety comparisons

AGT-Banker$^{\Phi}$ has an ADR quality classification in SA/Vic, and produces grain with moderate grain size similar to DBA-Aurora$^{\Phi}$ and Patron$^{\Phi}$, and very high test weights.

AGT-Banker$^{\Phi}$ is a mid maturing variety, reaching head emergence a little quicker than Patron$^{\Phi}$ and a little later than Bitalli$^{\Phi}$.

Although AGT-Banker$^{\Phi}$ has a similar plant height to Patron$^{\Phi}$, it offers better lodging resistance than Patron$^{\Phi}$, as well as Bitalli$^{\Phi}$ and DBA-Aurora$^{\Phi}$.

Table 2. Variety comparisons

		AGT-Banker$^{\Phi}$	Bitalli$^{\Phi}$	DBA-Aurora$^{\Phi}$	Patron$^{\Phi}$
Disease	Stem Rust resistance*	RMR (P)	RMR	RMR	RMR
	Stripe Rust resistance*	MR (P)	MRMS	MR	MRMS
	Leaf Rust resistance*	RMR (P)	MR	RMR	RMR
	Yellow Leaf Spot resistance*	MRMS (P)	MRMS	MRMS	MRMS
	Powdery Mildew resistance*	SVS (P)	S	MSS	S
	Septoria Tritici Blotch resistance*	MR/S (P)	MSS	MRMS/S	MRMS
	CCN resistance*	NA	MSS	MSS	S
	Pratylenchus Neglectus resistance*	NA	MSS	MRMS	MRMS
	Pratylenchus Neglectus tolerance*	NA	MI	MI	T
	Eyespot resistance*	NA	NA	NA	NA
	Crown Rot resistance*	NA	SVS	SVS	SVS
Plant Characteristics	Maturity speed^	Mid	Quick-mid	Mid	Mid
	Maturity habit^	Spring	Spring	Spring	Spring
	Sowing window^	Main & late	Main & late	Main & late	Main & late
	Novel herbicide tolerance^	None (conventional tolerance)	None (conventional tolerance)	None (conventional tolerance)	None (conventional tolerance)
	Head type^	Awned	Awned	Awned	Awned
	Plant height^	Moderately tall	Moderate	Moderate	Moderately tall
	Coleoptile length^	Short	Short	Moderate	Short
	Lodging tolerance^	MII	I	I	I
Abiotic Stress	Boron tolerance^	NA	NA	NA	NA
	Acid/aluminium tolerance^	NA	NA	NA	NA
Grain Quality	Quality classification	ADR	ADR	ADR	ADR
	Screenings level^	Moderate	Low	Moderate	Moderate
	Test weight^	Very high	High	Moderate	High
	Sprouting tolerance^o	MII	MI	MII	MII
	Black Point resistance*	NA	MS	MS	MSS

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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)

PBR and EPR

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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