

AGT- Agile[®]



- Very slow maturity, best suited to mid to late April planting
- Alternative to Sunmax^Φ and LRPB Raider^Φ
- Excellent physical grain quality characteristics with an APH quality classification
- A shorter, conservative plant type with good lodging tolerance
- Very strong resistance to stem, stripe and leaf rust

Breeder's comments

AGT-Agile[®] has been developed as a more user-friendly alternative to Sunmax[®] for the mid-April planting window.

Sunmax[®] has been a strong performer in the northern region, delivering APH quality with a unique maturity that enables very early planting. Outside this window, however, performance can be constrained, particularly through reduced grain size.

AGT-Agile's[®] maturity sits neatly between Sunmax[®] and LRPB Raider[®], filling an important gap in the planting window. It directly addresses Sunmax's[®] limitations, offering significantly improved grain size, a broader planting window, a stronger disease resistance package, and close to a 9% yield advantage. For most growers, the switch from Sunmax[®] to AGT-Agile[®] is an easy decision.

Compared with LRPB Raider[®], AGT-Agile[®] delivers higher yields, particularly when planted in the mid-April window. It also provides improved grain quality, with higher test weight and lower screenings, alongside stronger stripe rust resistance.

Overall, AGT-Agile[®] stands as a strong alternative to both Sunmax[®] and LRPB Raider[®] for northern growers, combining dependable yield, improved grain quality and excellent disease resistance in an important maturity type.

Table 1. Specifications

Background

Tested as	SUN1224A
Released	2026
EPR rate	\$4.20/tonne + GST

Disease

Stem Rust resistance*	MR (P)
Stripe Rust resistance*	RMR (P)
Leaf Rust resistance*	MR (P)
Yellow Leaf Spot resistance*	MS (P)
Septoria Tritici Blotch resistance*	MSS (P)
Pratylenchus Thornei resistance*	NA
Pratylenchus Thornei tolerance*	NA
Crown Rot resistance*	NA

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 [^]	Very 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	APH
Grain colour	White
Screenings level [^]	Low
Test weight [^]	High
Sprouting tolerance [^] ^o	MII
Black Point resistance*	NA

Legend

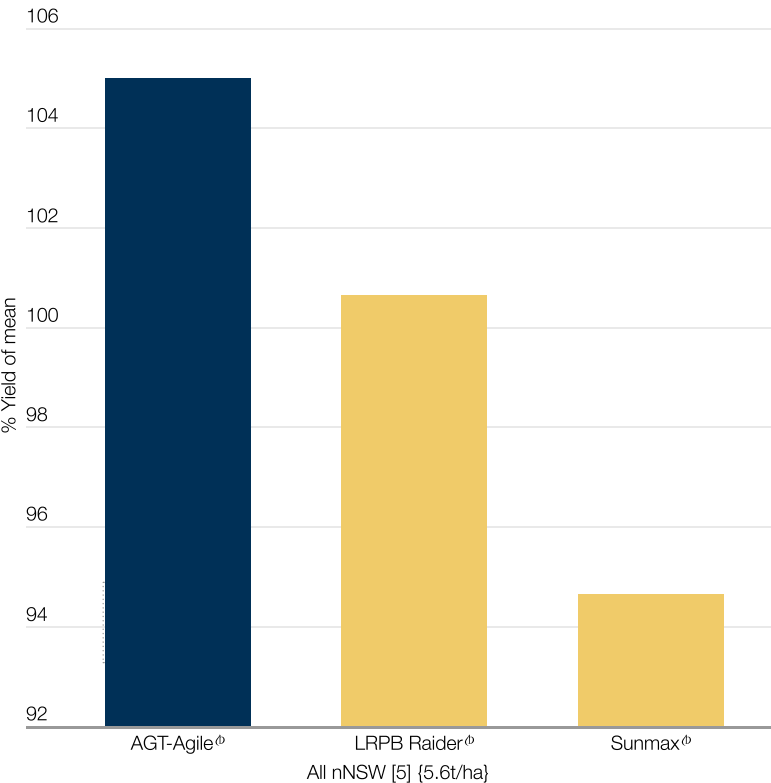
R	Resistant	VI	Very Intolerant	o	Rating based on Germination Index Values
MR	Moderately Resistant	(P)	Provisional rating		
MS	Moderately Susceptible	NA	Not Available	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/Traits_2026
S	Susceptible	/	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 2026		
I	Intolerant				

Grain yield

In mid-April planted AGT trials, AGT-Agile[®] has produced around 4% higher yields than LRPB Raider[®] (Figure 1), while yielding similarly to LRPB Raider[®] in NVT early sown trials (Figure 2) (in this trial set the majority of trials were planted late April-early May, slightly later than ideal for AGT-Agile[®]. Only one trial was planted before 27 April in this dataset).

In both datasets, AGT-Agile[®] has yielded significantly higher than Sunmax[®] (8-9%).

Figure 1. Grain yield of AGT-Agile[®] versus comparators across northern NSW - AGT mid-April sown trials



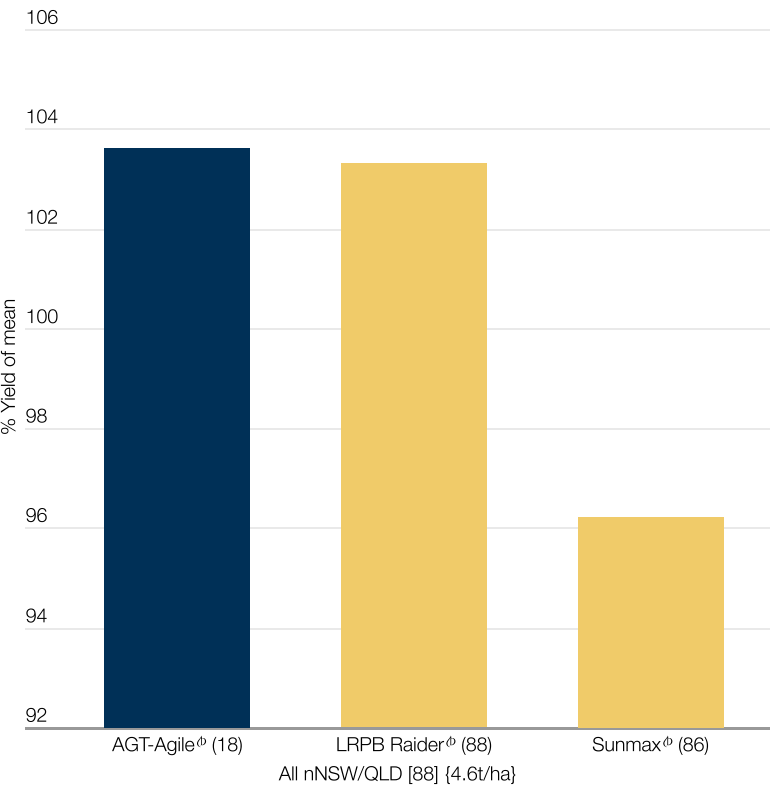
Source: Best linear unbiased predictions from AGT long term MET analysis, early sown trial series 2021-2024
Average of 5 sites in northern NSW planted between 16-22 April

[] : Total number of trials

{ } : Trial mean

Grain yield

Figure 2. Grain yield of AGT-Agile[®] versus comparators across northern NSW/QLD - NVT early sown trials



Source: Best linear unbiased predictions from NVT long term MET analysis, main season trial series 2021-2025

[] : Total number of trials per region

() : Number of trials that each variety was present in across the dataset

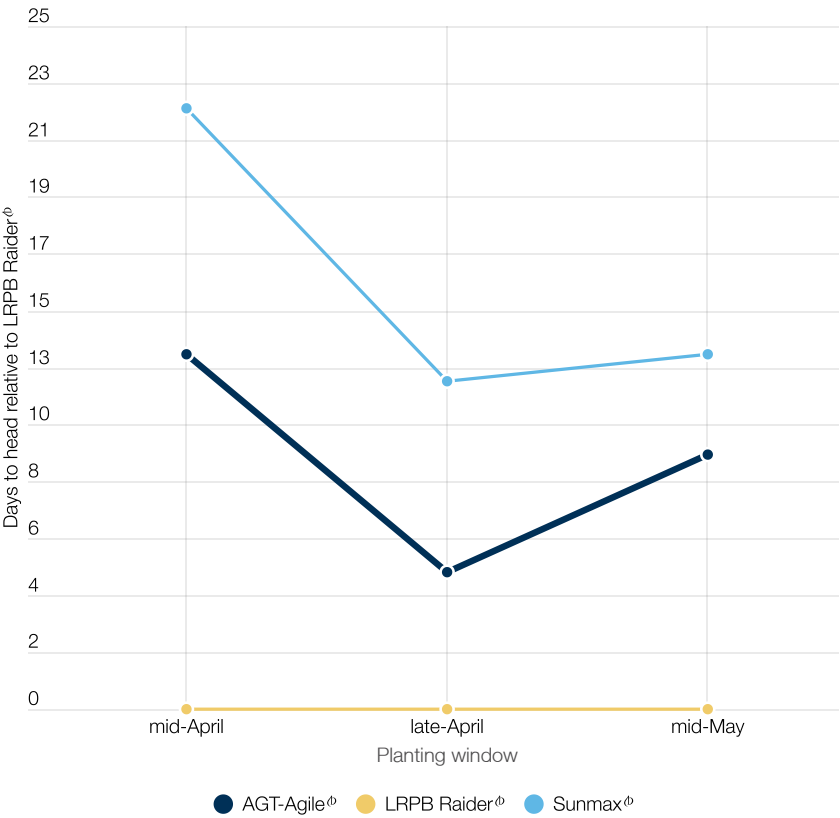
{ } : Region mean

Note: AGT-Agile[®] has not been tested in C QLD early sown NVT trials and has only been present in one year of NVT testing (2025)

Maturity

In comparison with other slow or very slow maturing varieties, AGT-Agile[®] reaches heading between Sunmax[®] and LRPB Raider[®]; with an optimal planting window of mid and late April in most environments (Figure 3).

Figure 3. Head emergence of AGT-Agile[®] relative to LRPB Raider[®]



Source: AGT Narrabri phenology trials, 2022, 2024 & 2025

Variety comparisons

AGT-Agile[®] offers very good levels of resistance to stem, stripe and leaf rust.

It also boasts very good lodging tolerance, offering an improvement over both Sunmax[®] and LRPB Raider[®].

AGT-Agile[®] produces grain with low screenings levels and high test weights, with significant improvements over Sunmax[®] and LRPB Raider[®] for both traits.

Table 2. Variety comparisons

		AGT-Agile [®]	LRPB Raider [®]	Sunmax [®]
Disease	Stem Rust resistance*	MR (P)	RMR	MRMS
	Stripe Rust resistance*	RMR (P)	MR	RMR
	Leaf Rust resistance*	MR (P)	RMR	MS
	Yellow Leaf Spot resistance*	MS (P)	MSS	MS
	Septoria Tritici Blotch resistance*	MSS (P)	S	MSS
	Pratylenchus Thornei resistance*	NA	MS	MS
	Pratylenchus Thornei tolerance*	NA	TMT	MI
	Crown Rot resistance*	NA	S	MSS
Plant Characteristics	Maturity speed^	Very slow	Slow	Very slow
	Maturity habit^	Spring	Spring	Spring
	Sowing window^	Early	Early	Early
	Novel herbicide tolerance^	None (conventional tolerance)	None (conventional tolerance)	None (conventional tolerance)
	Head type^	Awed	Awed	Awed
	Plant height^	Moderately short	Moderately short	Moderate
	Coleoptile length^	Very short	Short	Short
	Lodging tolerance^	MT	MI	MTMI
Abiotic Stress	Boron tolerance^	Does not carry tolerance gene	Does not carry tolerance gene	Does not carry tolerance gene
	Acid/aluminium tolerance^	Does not carry tolerance gene	Does not carry tolerance gene	Carries tolerance gene
Grain Quality	Quality classification	APH	APH	APH
	Grain colour	White	White	White
	Screenings level^	Low	Moderate	Very high
	Test weight^	High	Very low	Moderate
	Sprouting tolerance^°	MII	I	MII
	Black Point resistance*	NA	MSS	MRMS



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 absence of NVT data, AGT data has been provided.