

Sunmaster[®]



Variety snapshot

- One of the first APH quality varieties for SA/Vic
- Offering a unique grain marketing opportunity
- Particularly well suited to north-east Victoria
- Similar maturity and planting window as Scepter[®]
- Improved stripe rust resistance over Scepter[®] and Rockstar[®]
- Good black point resistance
- Very good leaf rust resistance

Breeder's comments

Until now, Australian Hard (AH) has been the highest quality grade that wheat growers in Victoria and SA have been able to market their grain into. Meanwhile, NSW and Queensland growers have had access to potential price premiums, being able to sell grain into the Australian Prime Hard (APH) quality grade that has existed there for some time.

Recent industry pressure has resulted in the creation of an APH quality grade for Victoria and SA, and Sunmaster[®] is one of the very first varieties to gain an APH quality classification for the Southern Zone. This means that Sunmaster[®], if grown in Victoria and SA, and achieves APH specifications, could potentially be delivered into a dedicated APH quality segregation, attracting potential price premiums.

Although primarily bred for NSW and Queensland as a Suntop[®] replacement, Sunmaster[®] may be a useful variety for growers in some regions of Victoria and SA who can capitalise on the marketing opportunities that an APH quality classification offers. Sunmaster's[®] unique quality classification is coupled with modest yields in most regions of Victoria and SA, therefore growers will have to determine whether the potential price split between APH and other grades off-sets any yield deficit. An exception is north-east Victoria, where Sunmaster[®] yields very competitively relative to other commonly grown varieties. In this environment, an APH quality classification could result in higher profitability for those that choose to grow Sunmaster[®].

Table 1. Specifications

Background

Tested as	SUN972P
Released	2020
EPR rate	\$3.60/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*	MS
Stripe Rust resistance*	MRMS
Leaf Rust resistance*	RMR
Yellow Leaf Spot resistance*	MSS
Powdery Mildew resistance*	S
Septoria Tritici Blotch resistance*	S
CCN resistance*	MSS
Pratylenchus Neglectus resistance*	MRMS
Pratylenchus Neglectus tolerance*	MTMI
Eyespot resistance*	NA
Crown Rot resistance*	MSS

Plant Characteristics

Maturity speed^	Mid
Maturity habit^	Spring
Sowing window^	Main
Novel herbicide tolerance^	None (conventional tolerance)
Head type^	Awned
Plant height^	Moderate
Coleoptile length^	Moderate
Lodging tolerance^	MTMI

Abiotic Stress

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

Grain Quality

Quality classification	AH
Screenings level^	White
Retentions level^	Low
Test weight^	Very high
Sprouting tolerance^o	I
Black Point resistance*	MR

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.

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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.