

Calibre[®]



Variety snapshot

- Very high grain yield
- Derived from popular variety Scepter^Φ
- Very widely adapted, suited to most growing regions of SA/Vic
- Longer coleoptile than most commonly grown varieties
- Good sprouting tolerance, similar to Scepter^Φ, better than Vixen^Φ
- Improved powdery mildew resistance over Scepter^Φ and Vixen^Φ
- Quick maturity, similar to Mace^Φ
- AH quality classification

Breeder's comments

Calibre[®] is the first variety derived from Scepter[®] to hit the market and is the next step for growers looking to achieve the gains they made by switching from Mace[®] to Scepter[®].

Not only is Calibre[®] the next step in grain yield, it also offers growers the opportunity to access longer coleoptile genetics in an elite yielding background. The coleoptile length of a wheat variety is a factor that limits how deep you can plant. So, it's not surprising that there are many instances where a longer coleoptile is needed: when there is a chance of furrow fill by wind or rain; when chasing receding moisture profiles; or when trying to achieve adequate pre-emergent herbicide separation. Yitpi[®] is a good example of a variety with a longer coleoptile that has been used in the past by growers to manage such situations but is now outclassed. Calibre[®] has a similar coleoptile length to Yitpi[®] but with elite yield performance.

Calibre[®] is slightly taller than Scepter[®], so growers may observe some leaning or lodging when Calibre[®] is grown in higher yielding situations.

With high grain yield, improved coleoptile length, AH quality, very wide adaptation, and a disease resistance package similar to its parent Scepter[®], Calibre[®] makes an excellent replacement for Scepter[®]. The yellow leaf spot resistance of Calibre[®] is good, achieving a very similar level of resistance to Scepter[®]. Calibre[®] also offers an improvement in powdery mildew resistance over Scepter[®]. In comparison to Vixen[®], Calibre[®] offers higher grain yields in low-medium yielding environments, a longer coleoptile, much better sprouting tolerance, a slower maturity and higher levels of CCN resistance.

Table 1. Specifications

Background

Tested as	RAC2721
Released	2021
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*	MRMS
Stripe Rust resistance*	S
Leaf Rust resistance*	S
Yellow Leaf Spot resistance*	MRMS
Powdery Mildew resistance* (SA)	S
Powdery Mildew resistance* (VIC)	MR (P)
Septoria Tritici Blotch resistance*	S
CCN resistance*	MRMS
Pratylenchus Neglectus resistance*	S
Pratylenchus Neglectus tolerance*	MT
Eyespot resistance*	S
Crown Rot resistance*	S

Plant Characteristics

Maturity speed^	Quick
Maturity habit^	Spring
Sowing window^	Main & Late
Novel herbicide tolerance^	None (conventional tolerance)
Head type^	Awned
Plant height^	Moderate
Coleoptile length^	Long
Lodging tolerance^	MII

Abiotic Stress

Boron tolerance^	Carries tolerance gene
Acid/aluminium tolerance^	Carries tolerance gene

Grain Quality

Quality classification	AH
Grain colour	White
Screenings level^	Low
Test weight^	Low
Sprouting tolerance^o	MII
Black Point resistance*	MSS

Legend

R	Resistant	I	Intolerant	*	NVT consensus ratings 2026
MR	Moderately Resistant	VI	Very Intolerant	o	Rating based on Germination Index Values
MS	Moderately Susceptible	(P)	Provisional rating	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/Traits_2026
S	Susceptible	NA	Not Available		
VS	Very Susceptible	/	Pathotype differences		
T	Tolerant	-	Range		
MT	Moderately Tolerant	,	Mixed phenotype		
MI	Moderately Intolerant	#	May be more susceptible to alternate pathotypes		



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.