

# Calibre<sup>®</sup>



## Variety snapshot

- High grain yield, similar to Scepter<sup>Ⓛ</sup>
- APH quality classification in southern NSW
- Derived from popular variety Scepter<sup>Ⓛ</sup>
- Quick maturity, quicker than Scepter<sup>Ⓛ</sup>
- Very widely adapted, suited to most growing regions of southern NSW
- Good sprouting tolerance, similar to Scepter<sup>Ⓛ</sup>
- Longer coleoptile than most commonly grown varieties
- Improved powdery mildew resistance over Scepter<sup>Ⓛ</sup>

## Breeder's comments

Calibre<sup>ϕ</sup> is the first variety derived from Scepter<sup>ϕ</sup> to hit the market, offering a number of important improvements over its parent.

Calibre has an APH quality classification in southern NSW. This is an improvement over both its parent Scepter<sup>ϕ</sup> and other AH main season benchmark Beckom<sup>ϕ</sup>, allowing growers of Calibre<sup>ϕ</sup> to capitalise on high protein levels when the opportunity arises.

Calibre<sup>ϕ</sup> also offers growers the opportunity to access longer coleoptile genetics in an elite yielding background. The coleoptile 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. Calibre<sup>ϕ</sup> has a longer coleoptile which may offer benefits to growers in these situations.

Calibre<sup>ϕ</sup> is slightly taller than Scepter<sup>ϕ</sup>, so growers may observe some leaning or lodging when Calibre<sup>ϕ</sup> is grown in higher yielding situations.

The yellow leaf spot resistance of Calibre<sup>ϕ</sup> is good, achieving a similar level of resistance to Scepter<sup>ϕ</sup>. Calibre<sup>ϕ</sup> also offers a valuable improvement in powdery mildew resistance over Scepter<sup>ϕ</sup>.

With high grain yield, improved coleoptile length, APH quality, very wide adaptation, and a disease resistance package similar to its parent Scepter<sup>ϕ</sup>, Calibre<sup>ϕ</sup> makes an excellent replacement for Scepter<sup>ϕ</sup>.

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: <a href="https://nvt.grdc.com.au/">https://nvt.grdc.com.au/</a>
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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*	MSS
Septoria Tritici Blotch resistance*	S
CCN resistance*	MRMS
Pratylenchus Neglectus resistance*	S
Pratylenchus Neglectus tolerance*	MT
Pratylenchus Thornei resistance*	MSS
Pratylenchus Thornei tolerance*	MII
Crown Rot resistance*	S

## Plant Characteristics

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

## Abiotic Stress

Boron tolerance <sup>^</sup>	Carries tolerance gene
Acid/aluminium tolerance <sup>^</sup>	Carries tolerance gene

## Grain Quality

Quality classification	APH
Grain colour	White
Screenings level <sup>^</sup>	Low
Test weight <sup>^</sup>	Low
Sprouting tolerance <sup>^o</sup>	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: <a href="https://bit.ly/Traits_2026">https://bit.ly/Traits_2026</a>
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](http://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](http://www.agtbreeding.com.au/seedsharing))

### *PBR and EPR*

Varieties denoted by the <sup>®</sup> 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.