

# Calibre<sup>®</sup>



## Variety snapshot

- Very high grain yield
- Derived from popular variety Scepter<sup>Φ</sup>
- Very widely adapted, suited to all growing regions of WA
- Longer coleoptile than most commonly grown varieties
- Good sprouting tolerance, similar to Scepter<sup>Φ</sup>, better than Vixen<sup>Φ</sup>
- Improved powdery mildew resistance over Scepter<sup>Φ</sup> and Vixen<sup>Φ</sup>
- Good yellow spot resistance for wheat-on-wheat situations
- Quick maturity, similar to Mace<sup>Φ</sup>
- AH quality classification

## Breeder's comments

Calibre<sup>®</sup> is the first variety derived from Scepter<sup>®</sup> to hit the market, offering very high grain yields across WA.

Calibre<sup>®</sup> 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. Magenta<sup>®</sup> 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<sup>®</sup> has a similar coleoptile length to Magenta<sup>®</sup> but with much improved yield.

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

With very high grain yield, improved coleoptile length, AH quality, very wide adaptation, and a disease resistance package similar to its parent Scepter<sup>®</sup>, Calibre<sup>®</sup> makes an excellent replacement for Scepter<sup>®</sup>. The yellow spot resistance of Calibre<sup>®</sup> is good, achieving a very similar level of resistance to Scepter<sup>®</sup>. Calibre<sup>®</sup> also offers a valuable improvement in stem rust and powdery mildew resistance over Scepter<sup>®</sup> and Vixen<sup>®</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:<br><a href="https://nvt.grdc.com.au/">https://nvt.grdc.com.au/</a> |
|-------------|---------------------------------------------------------------------------------------------------------------------|

Disease

|                                             |      |
|---------------------------------------------|------|
| Stem Rust resistance*                       | MRMS |
| Stripe Rust resistance*                     | RMR  |
| Leaf Rust resistance*                       | S    |
| Yellow Spot resistance*                     | MRMS |
| Powdery Mildew resistance*                  | MSS  |
| Septoria Nodorum Blotch (Glume) resistance* | MSS  |
| Septoria Nodorum Blotch (Leaf) resistance*  | MS   |

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: <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*

Floyd Sullivan, Variety Support Manager, Western Australia:

0499 580 260

AGT End Point Royalty team:

(08) 7111 0201

[agtbreeding.com.au](http://agtbreeding.com.au)

---

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.