

# Catapult<sup>®</sup>



## Variety snapshot

- Mid-slow maturity, with a very flexible sowing window
- Safer option for sowing dry when germination date is unknown
- Wide adaptation, will fit the front end of most growers' cropping programs
- Good pre-harvest sprouting tolerance, better than Rockstar<sup>®</sup>
- Excellent choice for wheat-on-wheat situations
- Very good physical grain quality characteristics with an AH quality classification

## Breeder's comments

Sometimes in breeding, you get unexpected but very exciting results. Out of a standard Mace<sup>®</sup> cross, Catapult<sup>®</sup> has emerged as a unique combination of features that we believe will help growers increase productivity, while providing flexibility that has not been available previously.

Growers are continually looking for earlier sowing options that don't compromise on yield, to complement high yielding main season varieties like Scepter<sup>®</sup> so that an increase in over-all farm yield is achieved. Catapult<sup>®</sup> may be viewed as a 'long season' Scepter<sup>®</sup>, allowing growers to achieve Scepter<sup>®</sup>-like yields when sown in late April/early May. When sown around ANZAC day, Catapult<sup>®</sup> has consistently out-yielded LRPB Trojan<sup>®</sup> and Cutlass<sup>®</sup>. The high yield potential relative to other varieties has been recorded across a large range of growing conditions and environments, highlighting Catapult's<sup>®</sup> very wide suitability for most cropping programs.

These days, much of the wheat crop is planted dry. In many instances germination of dry sown crops may be delayed considerably if the arrival of the break in the season is unknown, and therefore variety choice for these situations is very important. A variety like Catapult<sup>®</sup> is a great choice for dry sowing because it maintains its high yield over a wide range of germination dates, including well into May where it remains competitive with the benchmark variety Scepter<sup>®</sup>.

Catapult<sup>®</sup> is also one of the best choices for use in wheat-on-wheat rotations, with very good yellow leaf spot resistance.

Catapult<sup>®</sup> is very closely related to Scepter<sup>®</sup> and shares its physical grain quality characteristics of high test weight, low screenings and AH quality classification.

Table 1. Specifications

### Background

Tested as	RAC2484
Released	2019
EPR rate	\$3.25/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*	MR
Stripe Rust resistance*	S
Leaf Rust resistance*	S
Yellow Leaf Spot resistance*	MRMS
Powdery Mildew resistance*	S
Septoria Tritici Blotch resistance*	MSS
CCN resistance*	R
Pratylenchus Neglectus resistance*	S
Pratylenchus Neglectus tolerance*	MII
Pratylenchus Thornei resistance*	MS
Pratylenchus Thornei tolerance*	MT

### Plant Characteristics

Maturity speed^	Mid-slow
Maturity habit^	Spring
Sowing window^	Early & Main
Novel herbicide tolerance^	None (conventional tolerance)
Head type^	Awned
Plant height^	Moderate
Coleoptile length^	Short
Lodging tolerance^	MI

### Abiotic Stress

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

### Grain Quality

Quality classification	AH
Screenings level^	White
Retentions level^	Low
Test weight^	High
Sprouting tolerance^o	MII
Black Point resistance*	S

### 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: <a href="https://bit.ly/TraitRatings">https://bit.ly/TraitRatings</a>
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](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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[agtbreeding.com.au](http://agtbreeding.com.au)

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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.