Boree

AGT

- High yielding
- APH quality classification in southern NSW
- Mid season maturity
- Broadly adapted, suits a range of soil types and environments
- Suitable for wheat-on-wheat rotations, with good yellow leaf spot resistance
- Good lodging tolerance

Breeder's comments

Traditionally, main season APH varieties for southern NSW have come with a yield penalty compared to AH or APW varieties.

Boree$^{\Phi}$ breaks this mould, achieving yields that are equal or better than the leading main season AH varieties, but with an APH quality classification.

The combination of high yield and the opportunity to achieve the highest available quality grade sets Boree$^{\Phi}$ up as a lucrative variety to be used by southern NSW wheat growers. This variety comes with a range of features, including excellent straw strength, very wide adaptation and suitability across a range of pH and soil types, good yellow leaf spot resistance, and a relatively low risk physical grain quality package.

Boree$^{\Phi}$ is now susceptible to stripe rust so proactive management of this disease is required if growing Boree$^{\Phi}$.

Boree

Table 1. Specifications

Background

Tested as	V09063-47-16
Released	2021
EPR rate	$3.60/tonne + GST

Performance

Grain yield	Please consult the NVT website for current data: https://nvt.grdc.com.au/

Disease

Stem Rust resistance*	MR
Stripe Rust resistance*	SVS
Leaf Rust resistance*	S
Yellow Leaf Spot resistance*	MRMS
Powdery Mildew resistance*	VS
Septoria Tritici Blotch resistance*	SVS
CCN resistance*	MSS
Pratylenchus Neglectus resistance*	S
Pratylenchus Neglectus tolerance*	I
Pratylenchus Thornei resistance*	MSS
Pratylenchus Thornei tolerance*	MII

Plant Characteristics

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

Abiotic Stress

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

Grain Quality

Quality classification	APH
Screenings level^	White
Retentions level^	Moderate
Test weight^	Moderate
Sprouting tolerance^°	MII
Black Point resistance*	S

Legend

R	Resistant
MR	Moderately Resistant
MS	Moderately Susceptible
S	Susceptible
VS	Very Susceptible
T	Tolerant
MT	Moderately Tolerant
MI	Moderately Intolerant
I	Intolerant
VI	Very Intolerant
(P)	Provisional rating
NA	Not Available
/	Pathotype differences
-	Range
,	Mixed phenotype
#	May be more susceptible to alternate pathotypes
*	NVT consensus ratings 2025
°	Rating based on Germination Index Values
^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/TraitRatings

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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 Φ 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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