

# Bison<sup>®</sup>



- ✓ Very high and stable grain yield
- ✓ Well suited to low-medium yield potential environments
- ✓ Reduced awn length
- ✓ A suitable replacement for Rufus
- ✓ Mid season maturity
- ✓ Acid soil (aluminium) tolerance
- ✓ Excellent CCN resistance
- ✓ Good resistance to stem, stripe and leaf rust

### Breeders comments

Bison (TSA0451) was developed from a cross involving Rufus, and was selected to produce a replacement for Rufus incorporating the reduced awn head type with higher yields and superior disease resistance.

Bison's yield consistently exceeds that of Rufus by more than 10% across all triticale growing regions whilst providing superior resistance to stripe rust. Bison has shown greater adaptation to lower yielding environments where it has maintained yield stability.

Bison is tall in height with relatively strong straw. Bison's maturity is similar to Fusion and Hawkeye, suiting low to medium yield environments of NSW, Victoria and SA.

### Seed Availability

Commercial quantities of Bison may be available through AGT Affiliates, or your local retailer. Please consult the AGT website for AGT Affiliate contact details.

### PBR and EPR

Bison is 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. Bison growers will be subject to a Growers License Agreement that acknowledges that an EPR of \$2.75/tonne + GST has to be paid on all production other than seed saved for planting.



## Predicted yields of Bison versus control varieties

Grain yield as % of site average (NVT long term MET analysis 2008-2014)

	Northern New South Wales	Southern New South Wales	Victoria	South Australia	South Australia & Victoria Mallee
Bison	112	111	112	111	111
Rufus	97	96	96	97	101
Bogong	109	109	106	108	105
Fusion	112	111	112	111	113
Hawkeye	106	108	108	102	104
Jaywick	104	108	106	97	101
Astute	118	121	117	111	110



Disease, agronomic and grain quality ratings  
for Bison and control varieties.

	Bison	Rufus	Bogong	Fusion	Hawkeye	Jaywick	Astute
Stem rust	RMR	RMR	RMR	R	RMR	MRMS	RMR
Stripe Rust	R	MRMS	MRMS	RMR	MR	RMR	RMR
Leaf Rust	RMR	R	RMR	R	R	R	RMR
Yellow Leaf Spot	MR	MR	MR	MRMS	MR	MR	MR
CCN	R	R	S	R	R	R	R
Acid Soil Tolerance	T	T	T	T	T	T	T
Maturity	Early-Mid	Early-Mid	Early-Mid	Mid	Mid	Early-Mid	Mid
Plant Height	Tall	Tall	Very Tall	Very Tall	Tall	Tall	Tall
Lodging Resistance	MR	MRMS	MR	MRMS	MR	MRMS	MR

R Resistant  
MR Moderately Resistant  
MS Moderately Susceptible

S Susceptible  
T Tolerant

Source / NSW DPI Winter Crop  
Variety Sowing Guide 2015,  
NVT and AGT data.

## Contact details



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*Disclaimer / 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.*