

Astute[®]



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

Breeders comments

Astute (TSA0466) was bred with the aim of producing a very high yielding triticale which would be the choice for growers looking to maximise the production from their triticale crops in high potential environments. Astute combines broad adaptation, resistance to rust and CCN, good physical grain quality and top-end yield capabilities.

Astute is suited to high yield potential areas of NSW and Victoria, with a very similar flowering time to Hawkeye and Fusion. Astute is a fully awned triticale with excellent agronomic characteristics for grain production.

Seed Availability

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

PBR and EPR

Astute 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. Astute 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 Astute 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
Astute	118	121	117	111	110
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
Bison	112	111	112	111	111



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

	Astute	Rufus	Bogong	Fusion	Hawkeye	Jaywick	Bison
Stem rust	RMR	RMR	RMR	R	RMR	MRMS	RMR
Stripe Rust	RMR	MRMS	MRMS	RMR	MR	RMR	R
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	Mid	Early-Mid	Early-Mid	Mid	Mid	Early-Mid	Early-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.