

AGT- Bunyip IA[®]



IMITOL[®]

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- A world first - dual herbicide tolerant barley variety
- Tolerant to imidazolinone herbicides and Aggressor® herbicide
- Offers flexibility to manage imidazolinone carry-over in soil and also manage problem weeds in-crop
- Higher yielding than most widely grown variety Maximus^Φ CL, with very wide adaptation
- Similar plant type and maturity to Maximus^Φ CL
- Compact plant type, offering better standability than taller varieties such as Titan AX^Φ
- Has entered the Grains Australia malt accreditation program but is currently deliverable as Barley/Feed

Breeder's comments

AGT-Bunyip IA[®] is the first variety in the world to offer dual herbicide tolerance, combining the ever-popular tolerance to imidazolinone herbicides, and the newer CoAXium[®] (Aggressor[®] herbicide) tolerance.

Both herbicide tolerances are effective on susceptible populations of common problem grass weeds including brome grass and barley grass.

This 'stacked' herbicide tolerance provides increased flexibility. A grower may wish to plant AGT-Bunyip IA[®] following a Clearfield[®] or imidazolinone herbicide tolerant crop to mitigate risk of residual carry-over. Aggressor[®] may then be used in-crop to control susceptible grass weeds. Or, both herbicides may be used in-crop for extra weed control.

Agronomically very similar to leading variety Maximus[®] CL, but with increased yield and herbicide tolerance flexibility, we regard AGT-Bunyip IA[®] as an excellent replacement for Maximus[®] CL.

AGT-Bunyip IA[®] offers a very good physical grain quality package and has entered the Grains Australia malt accreditation program, with an outcome expected in 2027. AGT-Bunyip IA[®] is deliverable into the Barley/Feed grade.

Dual herbicide tolerance

AGT-Bunyip IA[®] has been specifically developed to carry tolerance to Sipcam Aggressor[®] (Group 1 Quizalofop-P-Ethyl) herbicide and imidazolinone herbicides, including Nufarm Intercept[®] (Group 2 Imazamox and Imazapyr). Both groups offer post-emergent knockdown of major grass weeds including brome grass, barley grass, annual ryegrass, wild oats, and volunteer wheat and barley (non-Sipcam Aggressor[®] or imidazolinone tolerant only). Sipcam Aggressor[®] herbicide has a wide application window and flexibility to be mixed with herbicides to control broadleaf weeds, with no carryover on soil or grain residue issues. Distribution of Sipcam Aggressor[®] herbicide and the CoAXium[®] stewardship program is administered by Sipcam. Visit www.coaxium.com.au for more information. Nufarm Intercept[®] provides exceptional control of grasses, especially hard to kill grasses such as brome and barley grass in imidazolinone herbicide tolerant crops.

AGT-Bunyip IA^o

Table 1. Specifications

Background

Tested as	AGTB0530
Released	2025
EPR rate	\$5.50/tonne + GST

Disease

Leaf Rust resistance* (SA, VIC)	MSS
Leaf Rust resistance* (NSW)	MRMS
Powdery Mildew resistance*	SVS
Net Blotch (Net Form) resistance* (SA, VIC)	S
Net Blotch (Net Form) resistance* (NSW)	MSS
Net Blotch (Spot Form) resistance* (SA, VIC)	MR
Net Blotch (Spot Form) resistance* (NSW)	MRMS
Scald resistance*	S
Barley Yellow Dwarf Virus resistance*	MRMS-MS
CCN resistance*	R
Pratylenchus Neglectus resistance*	MRMS
Pratylenchus Neglectus tolerance*	NA
Pratylenchus Thornei resistance*	MRMS
Pratylenchus Thornei tolerance*	MT
Crown Rot resistance*	S

Plant Characteristics

Maturity speed [^]	Quick
Maturity habit [^]	Spring
Sowing window [^]	Main & Late
Novel herbicide tolerance [^]	Imidazolinone herbicide + CoAXium® (Aggressor® herbicide)
Head type [^]	Awned
Early growth habit [^]	Erect
Plant height [^]	Moderate
Coleoptile length [^]	Short
Rachilla hair length [^]	Short
Lodging tolerance [^]	MTMI

Grain Quality

Quality classification	Potential MALT
Screenings level [^]	Moderately low
Retentions level [^]	High
Test weight [^]	Very high
Sprouting tolerance ^{^o}	MTMI
Black Point resistance*	MSS (P)

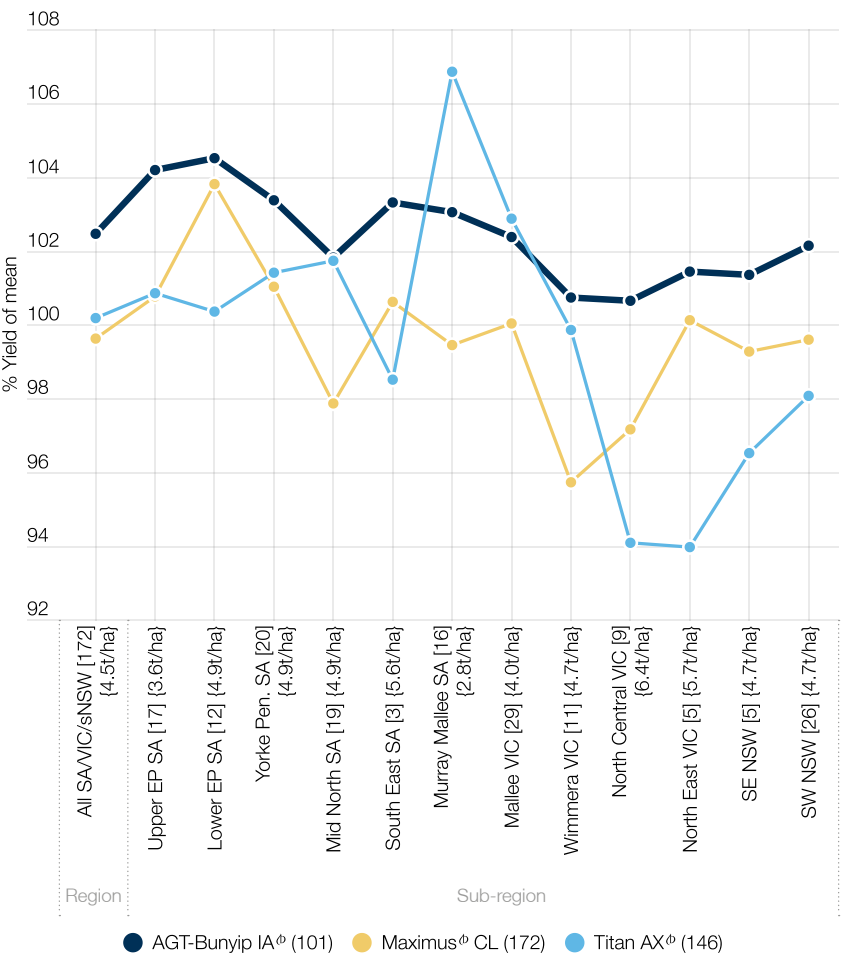
Legend

R	Resistant	VI	Very Intolerant	o	Rating based on Germination Index Values
MR	Moderately Resistant	(P)	Provisional rating		
MS	Moderately Susceptible	NA	Not Available	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/Traits_2026
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 2026		
I	Intolerant				

Grain yield

AGT-Bunyip IA[®] has produced high and stable yields, out-yielding the widely grown Maximus[®] CL and leading CoAXium[®] variety Titan AX[®] over-all across SA/VIC/southern NSW (Figure 1).

Figure 1. Grain yield of AGT-Bunyip IA[®] versus comparators across SA/VIC/ southern NSW - NVT trials



Source: Best linear unbiased predictions from NVT long term MET analysis, main season trial series 2021-2025
[] : Total number of trials per region
() : Number of trials that each variety was present in across the dataset
{ } : Region mean

Variety comparisons

AGT-Bunyip IA[®] is a quick maturing variety, similar to Maximus[®] CL, reaching awn peep earlier than Titan AX[®].

AGT-Bunyip IA[®] has a compact plant type similar to Maximus[®] CL which contributes to better lodging tolerance relative to Titan AX[®].

The physical grain quality package of AGT-Bunyip IA[®] is very good, offering moderately low screenings and very high test weight. It has entered the malt accreditation system and an outcome is expected in 2027.

Table 2. Variety comparisons

	AGT-Bunyip IA [®]	Maximus CL [®]	Titan AX [®]
Disease	Leaf Rust resistance* (SA, VIC)	MSS	SVS
	Leaf Rust resistance* (NSW)	MRMS	SVS
	Powdery Mildew resistance*	SVS	MSS
	Net Blotch (Net Form) resistance* (SA)	S	S
	Net Blotch (Net Form) resistance* (VIC)	S	MS
	Net Blotch (Net Form) resistance* (NSW)	MSS	MRMS
	Net Blotch (Spot Form) resistance* (SA)	MR	MSS
	Net Blotch (Spot Form) resistance* (VIC)	MR	MS
	Net Blotch (Spot Form) resistance* (NSW)	MRMS	MSS
	Scald resistance* (SA)	S	VS
	Scald resistance* (VIC)	S	SVS
	Scald resistance* (NSW)	S	SVS
	Barley Yellow Dwarf Virus resistance*	MRMS-MS	MRMS-MS
	CCN resistance*	R	MR
	Pratylenchus Neglectus resistance*	MRMS	MRMS
	Pratylenchus Neglectus tolerance*	NA	MT
	Pratylenchus Thornei resistance*	MRMS	MRMS
	Pratylenchus Thornei tolerance*	MT	MI
	Crown Rot resistance*	S	S
Plant Characteristics	Maturity speed [^]	Quick	Quick
	Maturity habit [^]	Spring	Spring
	Sowing window [^]	Main & Late	Main & Late
	Novel herbicide tolerance [^]	Imidazolinone herbicide + CoAXium [®] (Aggressor [®] herbicide)	Clearfield [®] (Intervix [®] herbicide)
	Head type [^]	Awned	Awned
	Early growth habit [^]	Erect	Erect
	Plant height [^]	Moderate	Short
	Coleoptile length [^]	Short	Very short
	Rachilla hair length [^]	Short	Long
	Lodging tolerance [^]	MTMI	MTMI
Grain Quality	Quality classification	Potential MALT	MALT
	Screenings level [^]	Moderately low	Moderately low
	Retentions level [^]	High	Moderately high
	Test weight [^]	Very high	High
	Sprouting tolerance [^] ^o	MTMI	MI
	Black Point resistance*	MSS (P)	MSS



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 [®] 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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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.