Variety fact sheet – South Australia, Victoria & southern NSW

PegasusAX

AGT

CoAXium Driven by Aggressor

- Carries CoAXium® herbicide tolerance trait (Aggressor® herbicide)
- A derivative of Rosalind$^{\Phi}$ with a similar plant type, offering a shorter plant structure and lower risk of lodging than the 'Compass$^{\Phi}$' plant types like Titan AX$^{\Phi}$
- Wide adaptation, particularly suited to medium to high yielding environments
- Quick maturity, similar to Maximus$^{\Phi}$ CL and Rosalind$^{\Phi}$
- Similar grain size as some other high yielding feed varieties including Rosalind$^{\Phi}$
- FEED quality

Breeder's comments

PegasusAX$^{\phi}$ carries tolerance to Sipcam Aggressor® herbicide (Group 1, Quizalofop-P-Ethyl), which allows growers to control susceptible populations of barley grass, brome grass, annual ryegrass, wild oats and other grass weeds in the barley phase of the rotation; offering an alternative to Clearfield® technology which growers have relied on for some time now.

Opportunistically discovered by Eyre Peninsula farmer Shannan Larwood in 2010, and further developed by the University of Adelaide, this novel herbicide tolerance trait has been bred into a range of widely adapted, high yielding backgrounds; with PegasusAX$^{\phi}$ being released to complement its stablemate Titan AX$^{\phi}$.

Whilst Titan AX$^{\phi}$ is in a 'Compass$^{\phi}$' style plant type (generally typified by good early vigour, a tall plant type more prone to lodging, and more suited to low-medium rainfall environments), PegasusAX$^{\phi}$ is in a 'Hindmarsh$^{\phi}$' type background, offering a shorter, more compact plant type, and better suitability to medium-high rainfall environments.

Like its parent Rosalind$^{\phi}$, PegasusAX$^{\phi}$ produces smaller grain. PegasusAX$^{\phi}$ is a feed only variety.

CoAXium® Barley Production System

PegasusAX$^{\phi}$ has been specifically developed to carry tolerance to Sipcam Aggressor® herbicide. Aggressor® is a Group 1 Quizalofop-P-Ethyl herbicide, offering post-emergent knockdown of major grass weeds including brome grass, barley grass, annual ryegrass, wild oats, and volunteer wheat and barley (non-Sipcam Aggressor® 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.

PegasusAX$^{\Phi}$

Table 1. Specifications

Background

Tested as	AGTB0667
Released	2024
EPR rate	$4.15/tonne + GST

Performance

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

Disease

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

Plant Characteristics

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

Grain Quality

Quality classification	FEED
Screenings level^	Moderately high
Retentions level^	Moderately low
Test weight^	Moderately high
Sprouting tolerance^o	MI
Black Point resistance*	MSS (P)

Legend

R	Resistant
MR	Moderately Resistant
MS	Moderately Susceptible
S	Susceptible
VS	Very Susceptible
T	Tolerant
MT	Moderatly 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 2026
o	Rating based on Germination Index Values
^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/Traits_2026

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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 ⏀ 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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