

Sunblade CL Plus^{db}



Clearfield Plus
Production System for Wheat

Variety snapshot

- High yields
- Good black point and stripe rust resistance
- Mid season maturity, slightly slower than Chief CL Plus[Ⓛ] and Scepter[Ⓛ]
- AH quality classification
- Moderate grain size, with slightly higher levels of screenings than other Clearfield[®] varieties
- Tolerant to Clearfield[®] Intervix[®] herbicide

Breeder's comments

Sunblade CL Plus[®] has emerged as a genuine option for SA and Victorian farmers looking to maximise yields when using Clearfield[®] tolerant varieties. Whilst being released predominantly for NSW and Queensland, Sunblade CL Plus[®] has proved that it performs further south, recording high yields over-all in NVT testing.

Sunblade CL Plus[®] is based on the popular NSW and Queensland variety Suntop[®], and consequently lacks some of the key features that are often valued by South Australian and Victorian growers, including CCN resistance and large, consistent grain size.

Sunblade CL Plus enters the SA and Victorian market as a high yielding, AH quality variety, with a mid season maturity, similar to Scepter[®]. With tolerance to Clearfield[®] Intervix[®] herbicide, Sunblade CL Plus[®] may be viewed as an alternative to all other Clearfield[®] wheat varieties for use with in-crop Intervix[®] application, or may be used as a safe plant back option if imidazolinone residues are of a concern.

Clearfield[®] System

Sunblade CL Plus[®] has been specifically developed to carry two genes for tolerance to Clearfield[®] Intervix[®] herbicide. Intervix[®] is a member of the imidazolinone chemical family with Group 2 (formerly Group B) mode of action, offering one-pass post-emergent knockdown and residual control of many major grass and broadleaf weeds. Intervix[®] herbicide is available via the Clearfield[®] Agricentre Agency system, administered by BASF.

For more information visit crop-solutions.basf.com.au/products/intervix or Toll Free 1800 558 399.

Sunblade CL Plus[Ⓛ]

Table 1. Specifications

Background

Tested as	SUN968G
Released	2020
EPR rate	\$4.35/tonne + GST

Performance

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

Stem Rust resistance*	MS
Stripe Rust resistance*	MRMS
Leaf Rust resistance*	MSS
Yellow Leaf Spot resistance*	MSS
Powdery Mildew resistance*	S
Septoria Tritici Blotch resistance*	S
CCN resistance*	MSS
Pratylenchus Neglectus resistance*	MSS
Pratylenchus Neglectus tolerance*	MI
Eyespot resistance*	NA
Crown Rot resistance*	S

Plant Characteristics

Maturity speed^	Mid
Maturity habit^	Spring
Sowing window^	Main
Novel herbicide tolerance^	Clearfield® Plus (Intervix® herbicide)
Head type^	Awned
Plant height^	Moderate
Coleoptile length^	Moderate
Lodging tolerance^	MTMI

Abiotic Stress

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

Grain Quality

Quality classification	AH
Screenings level^	White
Retentions level^	High
Test weight^	High
Sprouting tolerance^∘	I
Black Point resistance*	MRMS

Legend

R	Resistant	VI	Very Intolerant	∘	Rating based on Germination Index Values
MR	Moderately Resistant	(P)	Provisional rating	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/TraitRatings
MS	Moderately Susceptible	NA	Not Available		
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 2025		
I	Intolerant				



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.

Contact

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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 absence of NVT data, AGT data has been provided.