

Sunblade CL Plus^{DB}



Variety snapshot

- APH quality
- Very high grain yield
- Tolerant to Clearfield® Intervix® herbicide
- Derived from Suntop[Ⓛ], with similar maturity
- Good levels of *Pratylenchus thornei* tolerance and resistance
- Alternative to Elmore CL Plus[Ⓛ] wheat, or Clearfield® barley varieties
- Excellent plant-back option for managing imidazolinone residues

Breeder's comments

Sunblade CL Plus[®] offers a significant step forward in Clearfield[®] Intervix[®] tolerant wheat varieties, being the first to have an APH quality classification. Not only that, Sunblade CL Plus[®] also offers a big yield advantage over many commonly grown varieties.

There has been considerable adoption of Clearfield[®] technology across various crop types for the control of a broad range of weeds, but until recently, growers in northern NSW and Queensland have only had limited options of suitable Clearfield[®] wheat varieties. Elmore CL Plus[®] has been used in the past, but comes with a yield penalty and an AH quality classification.

Sunblade CL Plus[®] displays a significant yield advantage over both its major parent Suntop[®] and Elmore CL Plus[®], while the maturity of Sunblade CL Plus[®] is very similar to Suntop[®]. In general, Sunblade CL Plus[®] is ideally suited to planting opportunities from the second week of May onwards.

Sunblade CL Plus[®] is slightly shorter in plant height compared to Suntop[®], with similar lodging resistance whilst displaying similar or slightly smaller grain size.

Many growers have already adopted Sunblade CL Plus[®] as their main season variety of choice, as it has proven to be very widely adapted throughout all wheat growing regions of northern NSW and Queensland. A combination of very high yield, APH quality classification, sound disease resistance and tolerance in a wheat variety with Clearfield[®] technology is a very attractive option.

Clearfield[®] Wheat Production 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
Septoria Tritici Blotch resistance*	S
Pratylenchus Thornei resistance*	MRMS
Pratylenchus Thornei tolerance*	MT
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	APH
Grain colour	White
Screenings level [^]	High
Test weight [^]	High
Sprouting tolerance ^{^o}	I
Black Point resistance*	MRMS

Legend

R	Resistant	I	Intolerant	*	NVT consensus ratings 2026
MR	Moderately Resistant	VI	Very Intolerant	o	Rating based on Germination Index Values
MS	Moderately Susceptible	(P)	Provisional rating	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/Traits_2026
S	Susceptible	NA	Not Available		
VS	Very Susceptible	/	Pathotype differences		
T	Tolerant	-	Range		
MT	Moderately Tolerant	,	Mixed phenotype		
MI	Moderately Intolerant	#	May be more susceptible to alternate pathotypes		



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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agtbreeding.com.au

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.