

# Tomahawk CL Plus<sup>®</sup>



**Clearfield Plus**  
Production System for Wheat

- 'Scepter<sup>®</sup>' type Clearfield<sup>®</sup> variety with increased yields over Scepter<sup>®</sup>
- The highest yielding Clearfield<sup>®</sup> wheat variety across SA/Vic
- Tolerant to Clearfield<sup>®</sup> Intervix<sup>®</sup> herbicide
- Similar disease resistance profile as Scepter<sup>®</sup>
- Similar grain size and test weight as Scepter<sup>®</sup>
- Quick-mid season maturity, very similar to Scepter<sup>®</sup>
- APW quality classification
- Now able to be traded between growers as part of AGT's Seed Sharing<sup>™</sup> initiative

## Breeder's comments

Tomahawk CL Plus<sup>®</sup> is very closely related to popular variety Scepter<sup>®</sup>, and offers all the benefits of Scepter<sup>®</sup> along with Clearfield<sup>®</sup> tolerance.

Tomahawk CL Plus<sup>®</sup> has bridged the yield gap between conventional and Clearfield<sup>®</sup> wheat varieties, delivering yields well above Scepter<sup>®</sup>. Not only does Tomahawk CL Plus<sup>®</sup> offer higher yields, it has a similar disease, physical grain quality package, adaptation and maturity as Scepter<sup>®</sup>.

This combination of traits make Tomahawk CL Plus<sup>®</sup> a great variety choice for growers who are looking to maximise their production, as well as giving them the option to use Clearfield<sup>®</sup> Intervix<sup>®</sup> technology to control certain grass and broadleaf weeds, or managing Clearfield<sup>®</sup> Intervix<sup>®</sup> soil residues from a previous crop.

## Clearfield<sup>®</sup> System

Tomahawk CL Plus<sup>®</sup> has been specifically developed to carry two genes for tolerance to Clearfield<sup>®</sup> Intervix<sup>®</sup> herbicide. Intervix<sup>®</sup> 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<sup>®</sup> herbicide is available via the Clearfield<sup>®</sup> Agricentre Agency system, administered by BASF. For more information visit [crop-solutions.basf.com.au/products/intervix](http://crop-solutions.basf.com.au/products/intervix) or Toll Free 1800 558 399.

# Tomahawk CL Plus<sup>Ⓓ</sup>

Table 1. Specifications

## Background

Tested as	RAC3261
Released	2023
EPR rate	\$4.15/tonne + GST

## Disease

Stem Rust resistance*	MR
Stripe Rust resistance*	S
Leaf Rust resistance*	S
Yellow Leaf Spot resistance*	MRMS
Powdery Mildew resistance*	SVS
Septoria Tritici Blotch resistance*	S
CCN resistance*	MRMS
Pratylenchus Neglectus resistance*	S
Pratylenchus Neglectus tolerance*	MI (P)
Eyespot resistance*	S
Crown Rot resistance*	MSS

## Plant Characteristics

Maturity speed <sup>^</sup>	Quick-mid
Maturity habit <sup>^</sup>	Spring
Sowing window <sup>^</sup>	Main & Late
Novel herbicide tolerance <sup>^</sup>	Clearfield® Plus (Intervix® herbicide)
Head type <sup>^</sup>	Awned
Plant height <sup>^</sup>	Moderate
Coleoptile length <sup>^</sup>	Short
Lodging tolerance <sup>^</sup>	MTMI

## Abiotic Stress

Boron tolerance <sup>^</sup>	Carries tolerance gene
Acid/aluminium tolerance <sup>^</sup>	Carries tolerance gene

## Grain Quality

Quality classification	APW
Grain colour	White
Screenings level <sup>^</sup>	Low
Test weight <sup>^</sup>	Moderate
Sprouting tolerance <sup>^∘</sup>	I
Black Point resistance*	S

## Legend

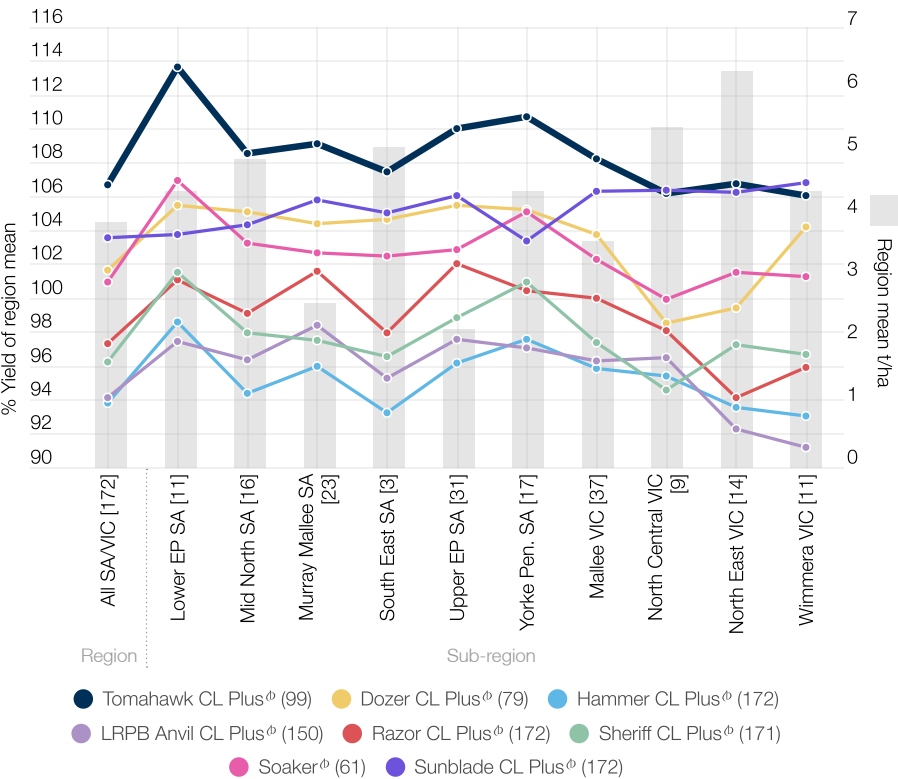
R	Resistant	VI	Very Intolerant	∘	Rating based on Germination Index Values
MR	Moderately Resistant	(P)	Provisional rating	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: <a href="https://bit.ly/TraitRatings">https://bit.ly/TraitRatings</a>
MS	Moderately 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				

## Grain yield

Tomahawk CL Plus<sup>®</sup> has been the highest yielding Clearfield<sup>®</sup> wheat variety over-all across SA/Vic in the NVT main season trials, eclipsing Dozer CL Plus<sup>®</sup> by 5%, Soaker<sup>®</sup> by almost 6%, and Hammer CL Plus<sup>®</sup> by 14% (Figure 1).

Tomahawk CL Plus<sup>®</sup> has bridged the yield gap between Cleafield<sup>®</sup> and conventional varieties and is now one of the highest yielding varieties out of any available in SA/Vic.

Figure 1. Predicted grain yield of Tomahawk CL Plus<sup>®</sup> versus comparators across SA/Vic regions



Source: NVT long term MET analysis, main season trial series 2020-2024

[ ] : Total number of trials per region

( ) : Number of trials that each variety was present in across the dataset

Variety comparisons

Tomahawk CL Plus<sup>®</sup> has an APW quality classification in SA/Vic, and produces grain with good test weight and screenings levels, similar to Scepter<sup>®</sup>.

Tomahawk CL Plus<sup>®</sup> offers a similar disease resistance package as Scepter<sup>®</sup>, and with good CCN and yellow leaf spot resistance, lends itself to use in a wheat-on-wheat rotation.

Table 2. Variety comparisons

	Tomahawk CL Plus <sup>®</sup>	Dozer CL Plus <sup>®</sup>	Hammer CL Plus <sup>®</sup>	LRPB Anvil CL Plus <sup>®</sup>	Razor CL Plus <sup>®</sup>	Sheriff CL Plus <sup>®</sup>	Soaker <sup>®</sup>	Sunblade CL Plus <sup>®</sup>
Disease	Stem Rust resistance*	MR	MS	MR	MRMS	MS	MRMS	MS
	Stripe Rust resistance*	S	S	MS	S	MRMS	SVS	MRMS
	Leaf Rust resistance*	S	S	S	SVS	S	SVS	MSS
	Yellow Leaf Spot resistance*	MRMS	MRMS	MRMS	MSS	MSS	MRMS	MRMS
	Powdery Mildew resistance*	SVS	S	NA	SVS	MSS	NA	S
	Septoria Tritici Blotch resistance*	S	S	MSS	VS	SVS	S	S
	CCN resistance*	MRMS	MS	MRMS	MS	MR	MS	MRMS (P)
	Pratylenchus Neglectus resistance*	S	MRMS	MSS	MSS	S	MRMS	S
	Pratylenchus Neglectus tolerance*	MI (P)	IVI (P)	MTMI	MII	MT	MTMI	MTMI (P)
	Eyespot resistance*	S	SVS	S	S	S	S(P)	NA
	Crown Rot resistance*	MSS	S	MSS	MSS	S	S	MS (P)
Plant Characteristics	Maturity speed^	Quick-mid	Quick-mid	Quick-mid	Quick	Quick	Mid	Mid
	Maturity habit^	Spring	Spring	Spring	Spring	Spring	Spring	Spring
	Sowing window^	Main & Late	Main & Late	Main & Late	Main & Late	Main & Late	Main & Late	Main
	Novel herbicide tolerance^	Clearfield* Plus (Intervix* herbicide)	Clearfield* Plus (Intervix* herbicide)	Clearfield* Plus (Intervix* herbicide)	Clearfield* Plus (Intervix* herbicide)	Clearfield* Plus (Intervix* herbicide)	1-gene imi tolerance (plantback only)	Clearfield* Plus (Intervix* herbicide)
	Head type^	Awned	Awned	Awned	Awned	Awned	Awned	Awned
	Plant height^	Moderate	NA	Moderate	NA	Moderately short	Moderately short	NA
	Coleoptile length^	Short	NA	Short	NA	Short	Short	NA
	Lodging tolerance^	MTMI	NA	MII	NA	MTMI	MT	NA
	Boron tolerance^	Carries tolerance gene	NA	Does not carry tolerance gene	NA	Carries tolerance gene	Does not carry tolerance gene	NA
Abiotic Stress	Acid/aluminium tolerance^	Carries tolerance gene	NA	Carries tolerance gene	NA	Carries tolerance gene	Carries tolerance gene	NA
	Does not carry tolerance gene							
Grain Quality	Quality classification	APW	APW	AH	AH	ASW	APW	APW
	Grain colour	White	White	White	White	White	White	White
	Screenings level^	Low	NA	Moderate	NA	Low	Low	NA
	Test weight^	Moderate	NA	High	NA	High	High	NA
	Sprouting tolerance^o	I	NA	MII	NA	I	MII	NA
	Black Point resistance*	S	MRMS	MRMS	S	MS	MS	NA



*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](http://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](http://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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