

Tomahawk CL Plus[®]



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

Breeder's comments

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

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

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

Clearfield[®] System

Tomahawk 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.

Tomahawk CL Plus[Ⓓ]

Table 1. Specifications

Background

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

Disease

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

Plant Characteristics

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

Abiotic Stress

Boron tolerance [^]	Carries tolerance gene
Acid/aluminium tolerance [^]	Carries tolerance gene

Grain Quality

Quality classification	APW
Grain colour	White
Screenings level [^]	Low
Test weight [^]	Moderate
Sprouting tolerance ^{^∘}	I
Black Point resistance*	S (P)

Legend

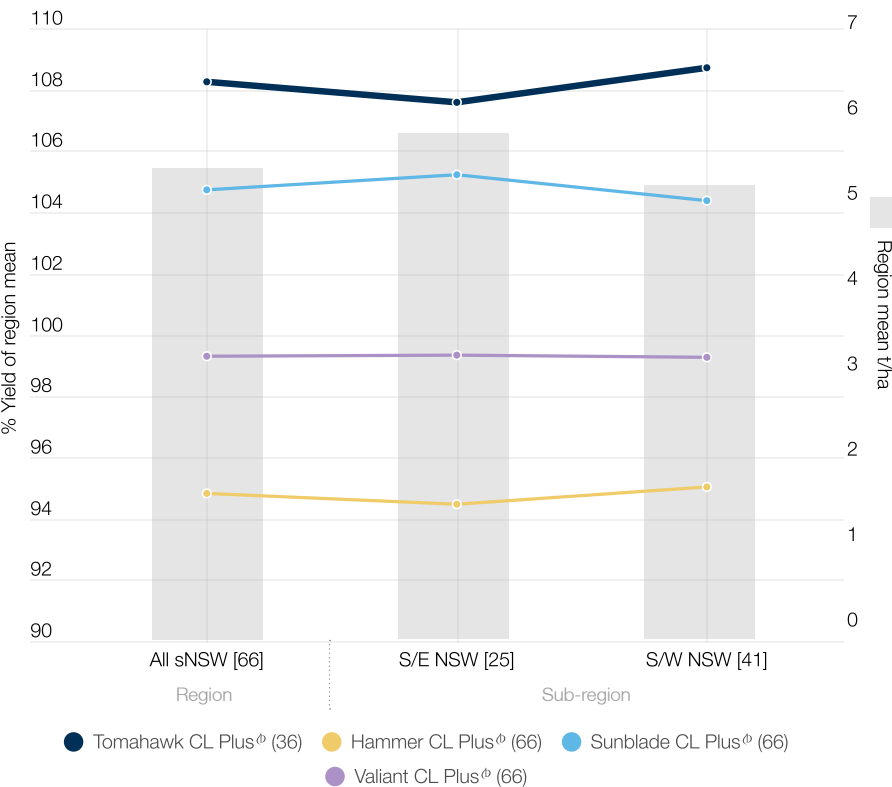
R	Resistant	VI	Very Intolerant	∘	Rating based on Germination Index Values
MR	Moderately Resistant	(P)	Provisional rating	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/TraitRatings
MS	Moderately Susceptible	NA	Not Available		
S	Susceptible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

Grain yield

Tomahawk CL Plus[®] has been the highest yielding Clearfield[®] wheat variety over-all across southern NSW in the NVT main season trials, eclipsing Sunblade CL Plus[®] by 3%, Valiant CL Plus[®] by 9%, and Hammer CL Plus[®] by 14% (Figure 1).

Tomahawk CL Plus[®] has bridged the yield gap between Cleafield[®] and conventional varieties and is now one of the highest yielding main season varieties out of any available in southern NSW.

Figure 1. Predicted grain yield of Tomahawk CL Plus[®] versus comparators across southern NSW 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[®] has an APW quality classification in southern NSW, and produces grain with good test weight and screenings levels, similar to Scepter[®].

Tomahawk CL Plus[®] offers a similar disease resistance package as Scepter[®], 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 [®]	Hammer CL Plus [®]	Sunblade CL Plus [®]	Valiant CL Plus [®]
Disease	Stem Rust resistance*	MR	MR	MS	MRMS
	Stripe Rust resistance*	MSS	MS	MRMS	S
	Leaf Rust resistance*	S	S	MSS	S
	Yellow Leaf Spot resistance*	MRMS	MRMS	MSS	MRMS
	Powdery Mildew resistance*	SVS	NA	NA	NA
	Septoria Tritici Blotch resistance*	S (P)	MSS	S	MSS
	CCN resistance*	MRMS (P)	MRMS	MSS	NA
	Pratylenchus Neglectus resistance*	S	MSS	MSS	S
	Pratylenchus Neglectus tolerance*	NA	MTMI	MI	MII
	Pratylenchus Thornei resistance*	MS	S	MRMS	S (P)
	Pratylenchus Thornei tolerance*	TMT	I	MT	VI
	Crown Rot resistance*	S	MSS	S	MSS
Plant Characteristics	Maturity speed [^]	Quick-mid	Quick-mid	Mid	Slow
	Maturity habit [^]	Spring	Spring	Spring	Spring
	Sowing window [^]	Main & Late	Main & Late	Main	Early & Main
	Novel herbicide tolerance [^]	Clearfield* Plus (Intervix* herbicide)	Clearfield* Plus (Intervix* herbicide)	Clearfield* Plus (Intervix* herbicide)	Clearfield* Plus (Intervix* herbicide)
	Head type [^]	Awned	Awned	Awned	Awned
	Plant height [^]	Moderate	Moderate	Moderate	Moderate
	Coleoptile length [^]	Short	Short	Moderate	NA
	Lodging tolerance [^]	MTMI	MII	MTMI	MT
Abiotic Stress	Boron tolerance [^]	Carries tolerance gene	Does not carry tolerance gene	Carries tolerance gene	Does not carry tolerance gene
	Acid/aluminium tolerance [^]	Carries tolerance gene	Carries tolerance gene	Does not carry tolerance gene	Carries tolerance gene
Grain Quality	Quality classification	APW	AH	APH	AH
	Grain colour	White	White	White	White
	Screenings level [^]	Low	Moderate	High	Low
	Test weight [^]	Moderate	High	High	Very high
	Sprouting tolerance ^{^o}	I	MII	I	MII
	Black Point resistance*	S (P)	MRMS	MRMS	MRMS



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

Darcey Boucher-Hill, Variety Support Manager, southern NSW: 0418 394 808

AGT End Point Royalty team: (08) 7111 0201

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.