

# LONGREACH ANVIL CL PLUS



Photo showing the bold growth of Anvil CL Plus (LHS) next to Hammer CL Plus (RHS)



## VARIETY ATTRIBUTES

A quick AH quality, two-gene IMI-tolerant variety with market segment leading yield and a robust grain receivals package for dependable grain deliveries.

An alternative to IMI-tolerant varieties like Hammer CL Plus, Razor CL Plus and Chief CL Plus.

Ideally suited to the fast finishing, low-medium rainfall areas of SA and VIC.

### DISEASE RESISTANCE

Stem Rust	MR
Leaf Rust	SVS
Stripe Rust East	S
Yellow Leaf Spot	MSS
Septoria Triticum Blotch	VS
Crown Rot	MSS
Prat. neglectus Res	MSS
CCN	MS
Powdery Mildew	SVS

Longreach disease ratings have been compiled from LongReach disease screening data and from NVT disease ratings March 2024. Resistance ratings: VS=Very susceptible, S=Susceptible, MS=Moderately susceptible, MR=Moderately resistant, R=Resistant. Tolerance ratings: T=Tolerant, MT=Moderately tolerant, MI=Moderately intolerant, I=Intolerant, VI=Very intolerant. p=Preliminary data based on limited data set. #=may be more susceptible to alternative pathotypes.

## AGRONOMIC BACKGROUND

Anvil CL Plus is a two-gene IMI tolerant wheat which is able to be sprayed by label rates of registered imidazolinone herbicides. Quick spring maturity, with bold early growth that provides good early weed competition. Anvil CL Plus has expressed excellent adaption to low rainfall areas with its rapid grain fill ability, suiting the Upper EP and Mallee areas of SA and Vic in particular. In medium rainfall areas it is also an option in later break scenarios and delayed sowing strategies for double knock weed control. Bred by Grains Innovation Australia and developed by LongReach.

Anvil CL Plus has a similar heading time to Vixen and Razor CL Plus, 3-5 days quicker than Hammer CL Plus and 5-8 days quicker than Chief CL Plus. Good early vigor with long-broad leaves provides early ground cover, canopy closure and average tillering with an erect canopy with open habit. Has a medium-tall plant height similar to Scepter.

Anvil CL Plus produces an average number of large heads at maturity, is fully awned and white chaffed and has a moderate resistance (MR) to shattering. Good abiotic stress tolerance to acid soils (MT) and moderately intolerant of Boron (MII).

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## GRAIN QUALITY

Final AH classification in Southern zone with good protein accumulation. A good grain receivals package with large grain size, low screenings and good test weight. Susceptible to both sprouting (S) and Blackpoint tolerance (S).

## YIELD PERFORMANCE

In the tougher areas (Upper EP, Mallee SA and Mallee Vic), Anvil CL Plus out yielded the widely grown IMI-tolerant varieties currently on the market in the 0.5-3.0 t/ha groups. Of the AH options, Anvil CL Plus consistently out yielded Hammer CL Plus (range 2 to 12%) and Grenade CL Plus (range 5 to 13%). Of the APW options, Anvil CL Plus was more stable than Chief CL Plus (range 7 to 39%) while in all but one grouping out yielded Sheriff CL Plus (range 0 to 23%). Anvil CL Plus showed similar overall performance to the lower quality ASW Razor CL Plus (range -4 to 2%).

NVT Predicted yield main season (2018-22) yield groupings (Upper EP, Murray Mallee and Mallee LRF regions)(NVT online 18th Feb 2023)

Group mean yield				0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
				0.36 t/ha	0.77 t/ha	1.23 t/ha	1.80 t/ha	2.29 t/ha	2.74 t/ha	3.25 t/ha	3.77 t/ha	4.23 t/ha	4.63 t/ha	5.32 t/ha	5.81 t/ha
Variety	Quality	Maturity	Trials	6	11	11	7	18	8	8	5	6	5	3	3
Scepter	AH	Mid	91	110	112	110	107	107	109	107	104	103	108	102	103
LRPB Anvil CL Plus	AH	Quick	52	116	111	109	100	102	103	95	94	94	99	95	91
Hammer CL Plus	AH	Mid	76	104	102	102	98	98	100	96	94	93	95	92	91
Grenade CL Plus	AH	Mid	91	103	97	97	95	96	95	93	96	96	94	97	94
Valiant CL Plus	AH	Slow	38	92	95	97	99	100	97	103	100	103	102	103	104
Sheriff CL Plus	APW	Mid-slow	91	93	101	101	100	99	103	102	99	97	101	97	99
Chief CL Plus	APW	Mid-slow	91	77	95	97	93	92	96	97	87	88	94	88	91
Razor CL Plus	ASW	Quick-mid	91	114	110	107	104	103	107	99	103	99	101	98	98

LRPB Anvil CL Plus first included in 2020 NVT trials

LongReach Anvil CL Plus is available through our Associate Network, no grower to grower trading of seed of LongReach Anvil CL Plus is allowed. For contact information please go to [www.pacificseeds.com.au](http://www.pacificseeds.com.au)

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End Point Royalty (EPR) Each time a grower purchases seed of LongReach Anvil CL Plus the grower agrees to comply with the Variety Licence and Royalty Agreement, including agreement to pay the EPR of \$4.25 per tonne (GST excl). EPR is payable on all grain production, except on seed retained by the grower for replanting by the grower. The majority of the EPR will be paid by Advanta Seeds to the Breeder (LongReach Plant Breeders) for investment in future wheat breeding programs.

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