

ANVIL CL Plus

LPB17-6157



VARIETY ATTRIBUTES

A quick AH quality, two-gene IMI-tolerant variety with market segment leading yield

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

Robust grain receivals package, for dependable grain deliveries

DISEASE RESISTANCE

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

Resistance ratings: VS=Very Susceptible, S=Susceptible
MS=Moderately Susceptible, MR=Moderately Resistant
R=Resistant. Tol Rating - T=Tolerant, MT=Moderately Tolerant
MI=Moderately Intolerant, I=Intolerant, VI=Very Intolerant.
Varieties with # indicate susceptibility to pathotype variant. Data sourced via NVT (www.nvtonline.com.au) and LRPB Disease Screening Results Aug 2022. p=Preliminary Data Based on limited data set

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 good 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).

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. Sprouting and Blackpoint tolerance has been similar to other market acceptable varieties.

YIELD PERFORMANCE

NVT MET Predicted Long Term Yield (2017-21) for all trials in lower rainfall regions (Upper EP SA and Mallee SA/Vic)
(NVT Online 10th Aug 2022)

Group Mean Yield				0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
				0.36 t/ha	0.77 t/ha	1.21 t/ha	1.82 t/ha	2.27 t/ha	2.71 t/ha	3.26 t/ha	3.69 t/ha	4.20 t/ha	4.68 t/ha	5.28 t/ha
Variety	Quality	Maturity	Trials	6	14	14	8	16	9	7	2	3	5	1
Scepter	AH	Mid	85	111	113	110	107	108	112	112	109	109	111	107
LRPB Anvil CL Plus	AH	Quick	32	118	110	107	101	103	104	100	106	96	99	95
Hammer CL Plus	AH	Mid	56	107	102	101	99	100	100	98	100	97	97	95
Grenade CL Plus	AH	Mid	85	105	98	97	96	97	95	93	96	92	92	89
Valiant CL Plus	AH	Slow	18	95	96	98	100	100	98	100	94	101	99	101
Sheriff CL Plus	APW	Mid-Slow	77	95	102	101	102	101	103	105	103	105	105	105
Chief CL Plus	APW	Mid-Slow	78	81	96	97	94	95	99	102	94	102	101	101
Razor CL Plus	ASW	Quick	85	113	110	107	103	104	107	103	111	101	105	102

Note: LRPB Anvil was first included in NVT trials in 2020

In the tougher areas (Upper EP, Mallee SA and Mallee Vic), Anvil CL Plus out yielded the widely grown IML-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 11%) and Grenade CL Plus (range 5 to 13%). Of the APW options, Anvil CL Plus was more stable than Chief CL Plus (range 5 to 37%) while in all but 1 grouping out yielded Sheriff CL Plus (range -1 to 23%). Anvil CL Plus showed similar overall performance to the lower quality ASW Razor CL Plus (range -3 to 5%)."



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

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



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