

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		S
Yellow Spot		MSS
Septoria Tritici Blotch		VS
Crown Rot		MSS
Prat.neglectus	Res	MSS
CCN		MRMS
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 Feb 2023. 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. Sound Blackpoint tolerance (MS) but susceptible to Sprouting (S).

YIELD PERFORMANCE

NVT Predicted Yield Main Season (2018-22) Yield Groupings (UpperEP, 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

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 1 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%).”



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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