

# Elmore CL Plus<sup>®</sup>



**Clearfield<sup>®</sup> Plus**  
Production System for Wheat

- ✓ Tolerant to Clearfield® Intervix® herbicide
- ✓ Used for in-crop weed control or as a plant back option following IMI herbicides
- ✓ Mid-season maturity, slightly longer than Suntop
- ✓ Medium coleoptile length
- ✓ Well adapted to medium rainfall environments
- ✓ Good resistance to leaf, stem and stripe rust
- ✓ AH quality classification in NSW and Queensland

## Breeders comments

Elmore CL Plus is the highest yielding Clearfield® tolerant wheat variety in NSW and Queensland, and may fit into farming systems either for in-crop broad spectrum weed control or as a tool for the management of group B (Imi) herbicide residues.

Elmore CL Plus offers a mid-season planting opportunity, with best performance expected from sowing from the second to the fourth week of May. In this sowing window Elmore CL Plus will reach heading 2 days later than Suntop on average.

Elmore CL Plus has moderate grain size and screenings losses which can be minimised by sowing in the appropriate planting window to avoid excessive heat shock and drought stress. Elmore CL Plus offers a similar plant height as Suntop, moderate early vigour, good straw strength, good threshability, and high test weights.

You may notice some browning at the tip of the leaves on Elmore CL Plus; this is called 'leaf tip necrosis' and is associated with adult plant resistance genes held by the variety to combat rust. There is no need to treat or manage this leaf tipping as it is a normal feature of the variety.

## Seed Availability

Commercial quantities of Elmore CL Plus may be available through AGT Affiliates, or your local retailer. Please consult the AGT website for AGT Affiliate contact details.

Seed of Elmore CL Plus cannot be legally traded between growers. The sale or trade of seed of Elmore CL Plus 'farmer to farmer' is an infringement of Australian Law under the *Plant Breeders Rights ACT of 1994*.

## PBR and EPR

Elmore CL Plus is 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. Elmore CL Plus growers will be subject to a Growers License Agreement that acknowledges that an EPR of \$3.55/tonne\* + GST has to be paid on all production other than seed saved for planting. (\* \$3.00/tonne AGT breeder royalty, \$0.55/tonne BASF technical fee).



Clearfield® System

Elmore 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 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 [www.agro.basf.com.au](http://www.agro.basf.com.au) or Toll Free 1800 558 399.

Predicted yield of Elmore CL Plus versus control varieties: Main season NVT series  
Grain yield as a % of region average (NVT long term MET analysis 2012-2016)

	Elmore CL Plus	Clearfield JNZ	EGA Gregory	Lancer	Spitfire	Suntop	Trial mean (t/ha)
Central Queensland	99	98	105	96	98	105	3.42
South East Queensland	100	96	102	98	96	105	4.39
South West Queensland	101	97	103	96	98	108	3.10
North East New South Wales	101	101	101	94	99	105	3.95
North West New South Wales	101	98	102	96	96	105	3.40
South East New South Wales	99	92	101	92	94	100	4.48
South West New South Wales	99	93	96	92	95	102	3.72

## Disease, agronomic and grain quality ratings for Elmore CL Plus and control varieties

	Elmore CL Plus	Clearfield JNZ	EGA Gregory	Lancer	Spitfire	Suntop
Stem Rust	MR	MR	MR	R	MR	MR
Stripe Rust	MRMS	MS-S	MR	MR	MR	MRMS
Leaf Rust	RMR	S	MR	RMR	S	MRMS
Yellow Leaf Spot	S	MSS	S	MS	MSS	MSS
RLN ( <i>P. thornei</i> ) Resistance	VS	S	MSS	MS	MS	MR
RLN ( <i>P. thornei</i> ) Tolerance	MII	-	TMT	TMT	MTMI	TMT
RLN ( <i>P. neglectus</i> ) Resistance	S	S	MSS	S	MSS	MSS
RLN ( <i>P. neglectus</i> ) Tolerance	MI	-	MT	MTMI	MTMI	MT
Crown Rot	S	S	S	MSS	MS	MSS
Acid Soil Tolerance	I	I	MT	I	MTMI	MT
Maturity	Mid	Mid	Mid-Late	Mid-Late	Early	Mid
Plant Height	Medium	Medium	Very Tall	Short	Medium	Tall
Lodging Resistance	MRMS	MS	MS	MR	MS	MRMS
Northern Zone Quality Classification	AH	APH	APH	APH	APH	APH
South Eastern Zone Quality Classification	AH	AH	APH	APH	APH	APH
Sprouting Tolerance	MI	I	I	I	MI	VI
Black Point Resistance	MS	MS	MS	MRMS	S	MR
Screenings Risk	Moderate	Moderate	Low-Moderate	Low	Low	Moderate
Test Weight	High	Moderate	Moderate	Moderate	High	Moderate

R	Resistant	VS	Very Susceptible	I	Intolerant
MR	Moderately Resistant	T	Tolerant	VI	Very Intolerant
MS	Moderately Susceptible	MT	Moderately Tolerant		
S	Susceptible	MI	Moderately Intolerant		

Source / NSW DPI Winter Crop  
Variety Sowing Guide 2017,  
NVTand AGT data.



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*Disclaimer / 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.*