

# MAXIMUS<sup>Ⓢ</sup> PBR CL

## POTENTIAL MALT BARLEY

ALTERNATIVE TO:  
**SPARTACUS CL<sup>Ⓢ</sup>**  
**LA TROBE<sup>Ⓢ</sup>**  
**COMPASS<sup>Ⓢ</sup>**  
**SCOPE CL<sup>Ⓢ</sup>**  
**RGT PLANET<sup>Ⓢ</sup>**

# NEW

## Variety Overview

MAXIMUS<sup>Ⓢ</sup> CL is a high yielding, quick-mid maturing, potential malt, imidazolinone (IMI) tolerant barley. MAXIMUS<sup>Ⓢ</sup> CL has CCN resistance. For other disease resistance traits it represents a general improvement.

Similar to SPARTACUS CL<sup>Ⓢ</sup>, MAXIMUS<sup>Ⓢ</sup> CL has an erect plant type, strong lodging tolerance and a low-medium head loss risk. The variety also has very good physical grain qualities, including excellent grain retention (grain plumpness) (higher than SPARTACUS CL<sup>Ⓢ</sup>) and good hectolitre weight.

The variety has a short coleoptile and it is recommended that sowing depth be considered carefully when planting this variety.

**MAXIMUS<sup>Ⓢ</sup> CL has been accepted into the Barley Australia malt accreditation program, with earliest potential accreditation in March 2021.**



EASTERN AUSTRALIA 2020



## The next generation, potential malting, IMI Gladiator!

## VARIETY AT A GLANCE



HIGH YIELD AND YIELD STABILITY



IMPROVED SPOT FORM NET BLOTCH RESISTANCE



MATURITY: QUICK-MID



EXCELLENT GRAIN SIZE



GOOD NET FORM NET BLOTCH RESISTANCE

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## PLANT FEATURES

	Classification	Time to Flowering	Coleoptile Length	Lodging Tolerance	Height	Head Loss Risk	Grain Plumpness	Rachilla Hair Length
<b>MAXIMUS<sup>Ⓢ</sup> CL</b>	Potential Malt	Early-Mid	Short	Strong	Medium	Low-Medium	Good	Long
<b>SPARTACUS CL<sup>Ⓢ</sup></b>	Malt	Early	Short	Strong	Mod. Short	Low	Mod. Good	Short
<b>LA TROBE<sup>Ⓢ</sup></b>	Malt	Early	Short	Medium	Short-Mod. Short	Medium	Mod. Good	Short
<b>RGT PLANET<sup>Ⓢ</sup></b>	Malt	Mid	Medium	Medium	Medium	Low	Fair	Short
<b>SCOPE CL<sup>Ⓢ</sup></b>	Malt	Mid	Short	Poor	Mod. Tall	High	Fair	Long

Source: 2020 Victorian Winter Crop Summary and InterGrain Barley Breeding.

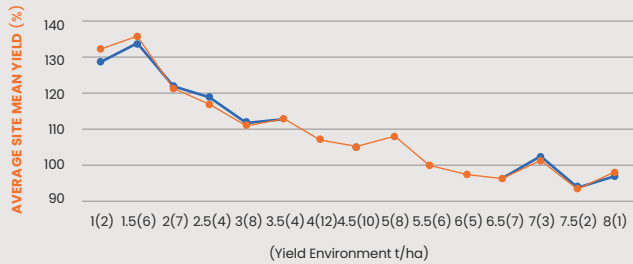
# DISEASE

	Leaf Rust SA	Leaf Rust VIC	Leaf Rust NSW*	Leaf Rust QLD	Powd. Mildew SA	Powd. Mildew VIC	Powd. Mildew QLD	SFNB SA	SFNB VIC	SFNB NSW	SFNB QLD	NFNB SA	NFNB VIC	NFNB NSW	NFNB QLD	CCN	BYDV	SCALD SA	SCALD VIC	SCALD NSW
<b>MAXIMUS<sup>(D)</sup> CL</b>	MS-S	S	SVSp*	MSS	MR-S	S	S	MR-MS	MS	MS	MRMS	RMR-MRMS	MRMS	MRMS	MRMS	R	MRMS	R-MRMS	MRMS	S
<b>SPARTACUS CL<sup>(D)</sup></b>	MR-S	S	S*	MSS	MR-SVS	SVS	MRMS/SVS	S	SVS	SVS	SVS	MSS-SVS	MSS	MR-S	MS	R	MS-S	R-SVS	SVS	VS
<b>LA TROBE<sup>(D)</sup></b>	MRMS-S	S	S*	MSS	MR-SVS	MS#	MRMS/SVS	MSS	S	S	SVS	MR-MSS	MR	MS	MS	R	MSS	R-SVS	SVS	MRMS-VS
<b>RGT PLANET<sup>(D)</sup></b>	MR-MS	MS	MRMS*	MRMS	R	R	R	S-SVS	S	SVS	S	MR-SVS	SVS	S	S/MRMS	Rp	MR-MRMS	R-SVS	S	S
<b>SCOPE CL<sup>(D)</sup></b>	MS-SVS	S	S*	S	RMR	RMR	RMR	MS-S	MSS	MSS	MSS	MR	MR#	MRMS	MSS	S	MRMS	MRMS-SVS	S	SVS

**Source:** 2019 NVT Pathology disease consensus ratings. Disease data reference: R = Resistant, RMR = Resistant to Moderately Resistant, MR = Moderately Resistant, MRMS = Moderately Resistant to Moderately Susceptible, MS = Moderately Susceptible, MSS = Moderately Susceptible to Susceptible, S = Susceptible, SVS = Susceptible to Very Susceptible, VS = Very Susceptible. #Pathotype dependent, ( ) = Higher disease at some sites, p= provisional rating. \*NSW Leaf Rust ratings are based on 2018 NVT Pathology consensus ratings.

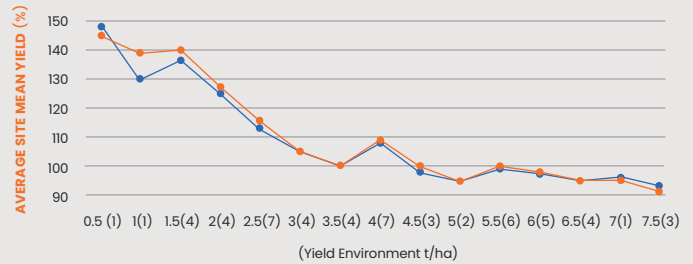
## YIELD PERFORMANCE

### SOUTH AUSTRALIA



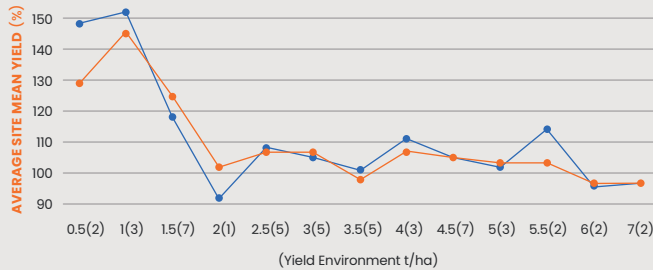
2015-19 SA main season NVT MET predicted yield performance, represented by yield environment as a % of site mean yield. (Data accessed from the NVT Online website on 10/02/2020)

### VICTORIA



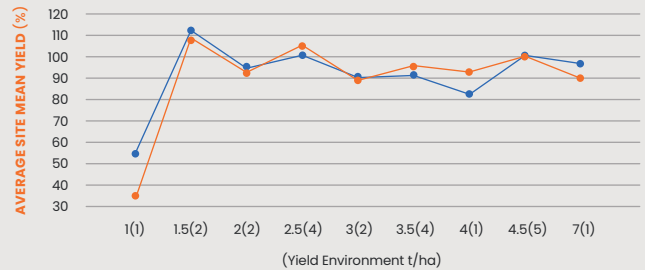
2015-19 VIC main season NVT MET predicted yield performance, represented by yield environment as a % of site mean yield. (Data accessed from the NVT Online website on 10/02/2020)

### NEW SOUTH WALES



2015-19 NSW main season NVT MET predicted yield performance, represented by yield environment as a % of site mean yield. (Data accessed from the NVT Online website on 10/02/2020)

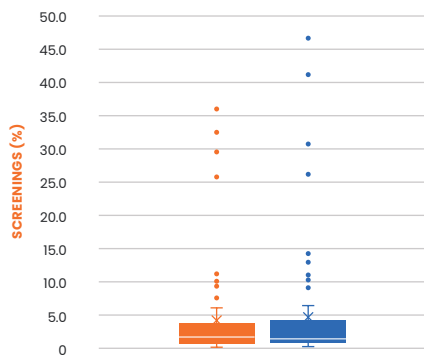
### QUEENSLAND



2015-19 QLD main season NVT MET predicted yield performance, represented by yield environment as a % of site mean yield. (Data accessed from the NVT Online website on 10/02/2020)

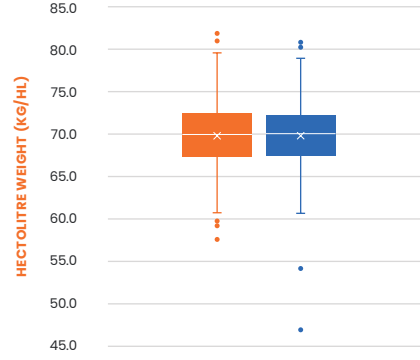
## GRAIN QUALITY

### SCREENINGS



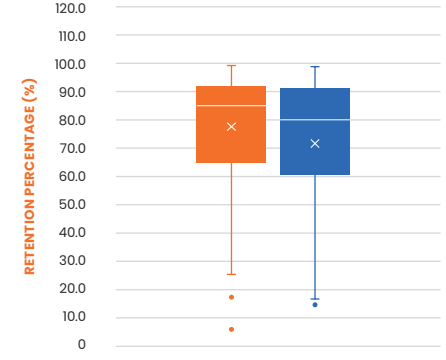
2018-19 NVT Screenings (%). (Data accessed from the GRDC NVT website on 12/03/2020)

### HECTOLITRE WEIGHT



2018-19 NVT Hectolitre Weight (kg/hl). (Data accessed from the GRDC NVT website on 12/03/2020)

### RETENTION



2018-19 NVT Retention (%). (Data accessed from the GRDC NVT website on 12/03/2020)

## GROUP B IMIDAZOLINONE HERBICIDE INFORMATION

InterGrain only supports use of Australian Pesticides and Veterinary Medicines Authority (APVMA) approved imidazolinone products for MAXIMUS<sup>®</sup> CL.

Where the grower uses an APVMA approved herbicide they must comply with all label recommendations and requirements for the specific herbicide used.

MAXIMUS<sup>®</sup> CL possesses the gene conferring tolerance to label application rates of registered imidazolinone products. Imidazolinone herbicides are Group B herbicides, ALS inhibitors. Registered imidazolinone herbicides provide control of many major grass and broadleaf weeds present in broadacre cropping systems. These weeds include brome grass, barley grass, wild oats, indian hedge mustard, muskweed, oats, wheat and barley (non-Clearfield<sup>®</sup>), wild radish, wild turnip and suppression of annual ryegrass.

**For registered product labels, plant back and application details please refer to the following:**

**Pre-Emergent Herbicide:**



Sentry<sup>®</sup> - <https://bit.ly/302wiic>

**Post-Emergent Herbicide Options:**

Intervix<sup>®</sup> - <https://bit.ly/2HCCQlp>

Intercept<sup>®</sup> - <https://bit.ly/2VlyVpj>

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## PBR/EPR

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