



# IMPRESS CL PLUS



Cereal Breeding for Australia

High yielding, early-mid maturing, Wyalkatchem type, Clearfield® Plus APW wheat

CLASSIFICATION	APW
MATURITY	Mid - short, similar to Wyalkatchem
YIELD	IMI tolerant to Clearfield® Plus
YELLOW SPOT	MR-MS
STRIPE RUST	MS-S
STEM RUST	MR
LEAF RUST	R*
GRAIN SIZE	Very large - similar to Wyalkatchem
ALTERNATIVE TO	Justica CL Plus <sup>®</sup> , Grenade CL Plus <sup>®</sup> and Clearfield STL <sup>®</sup>

## Key Features

- High yielding, Wyalkatchem type Clearfield® Plus wheat
- Registered for use with Intervix® herbicide at label rates
- APW classification
- Best yield performance has been observed in northern WA
- Mid-short season maturity
- Robust disease package with good yellow spot resistance

## Variety Overview

Impress CL Plus<sup>®</sup> is a high yielding Clearfield® Plus wheat with an APW classification in WA and is registered for label rates of the Intervix® herbicide. It is an early-mid maturing variety with strong yellow leaf spot resistance and a large grain size. The variety's improved yield and disease resistance, particularly yellow spot resistance, provides a true advantage for wheat on-wheat rotations compared to other Clearfield® Plus wheats. The possession of this trait also provides increased grower flexibility when other Imidazolinone crops have been grown the previous year. The variety exhibits a similar plant type and height to Wyalkatchem.

## Plant Features

Impress CL Plus<sup>®</sup> possesses a short coleoptile and has similar early vigour and tillering capacity to Wyalkatchem. These variety characteristics combined with its larger grain size highlight the importance of considering sowing rates to ensure that the desired plant density is achieved in order to maximise yield potential.

### FOR MORE INFORMATION:

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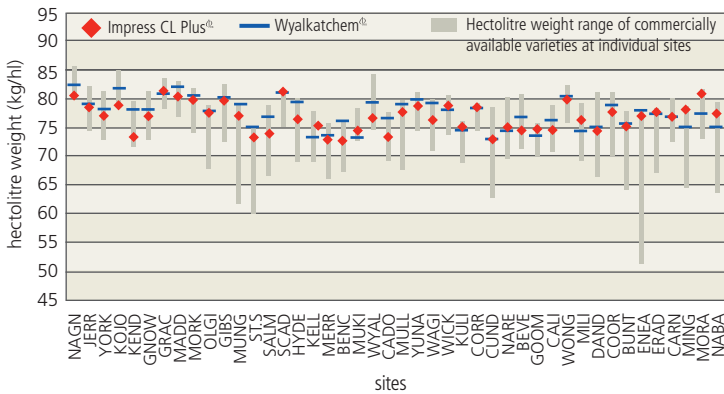
## Clearfield® Plus Production System for Wheat

### Clearfield® Plus system

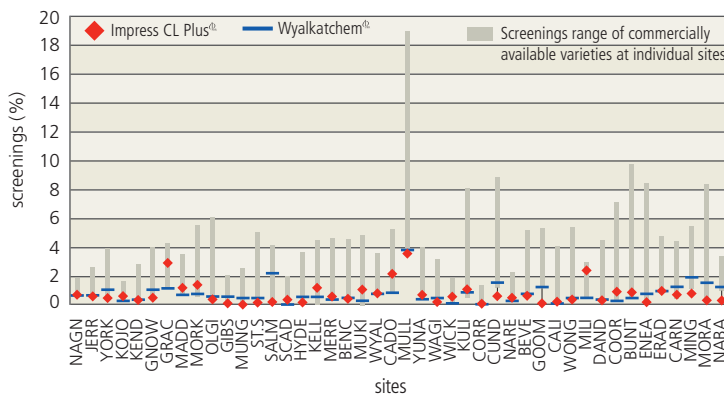
Impress CL Plus<sup>®</sup> possesses two genes which confer tolerance to label rates of the Intervix<sup>®</sup> herbicide. Intervix<sup>®</sup> is a member of the Group B – imidazolinone chemical family. Intervix<sup>®</sup> is a post-emergent herbicide providing control of many major grass and broadleaf 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 full product, plant back and application details please refer to the Intervix<sup>®</sup> product label available <http://www.agro.basf.com.au/crop-solutions/broadacre/clearfield>

### Grain Quality

#### 2013 WA NVT Hectolitre weight for individual sites



#### 2013 WA NVT Screenings from individual sites



### Plant Breeder's Rights

Impress CL Plus<sup>®</sup> is protected by Plant Breeder's Rights and is subject to an end point royalty of \$4.10/tonne GST Exclusive (\$3.55/tonne breeder royalty and \$0.55/tonne BASF licensing fee). Impress CL Plus<sup>®</sup> is an InterGrain variety bred by Dr Daniel Mullan and the wheat breeding team.

### Disease

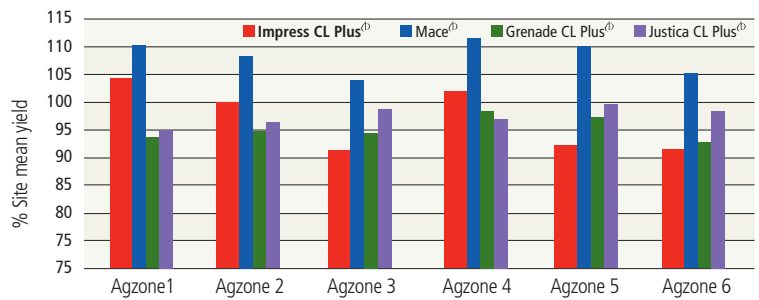
	CLASSIFICATION	LEAF RUST*	STEM RUST	STRIPE RUST	YELLOW LEAF SPOT	POWDERY MILDEW	CCN
<b>IMPRESS CL PLUS</b> (p)	APW	R	MR	MS-S	MR-MS	S-VS	MS
Clearfield STL (p)	APW	S-VS	MR	S	MS-S	MS-S	-
Grenade CL Plus (p)	APW	MS	MR	R-MR	S	MS	R
Justica CL Plus (p)	APW	MS-S	MR	R-MR	S	MS	MS
Mace (p)	AH	MR*	MR	R-MR	MR-MS	MS-S	MR-MS
Wyalkatchem (p)	APW	R*	MS	S	(MR)	S	S

Source: DAFWA 2014 wheat variety guide. Disease data reference: R = Resistant, MR = Moderately Resistant, MS = Moderately Susceptible, S = Susceptible, VS = Very Susceptible. \* Pathotype dependent, (p) = Higher disease at some sites, p= provisional rating.

### Yield Performance

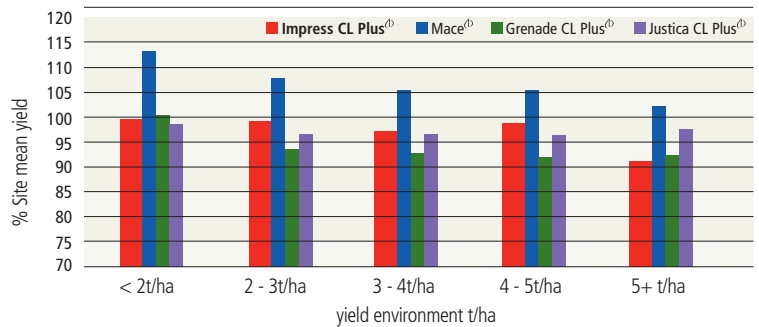
#### 2010-14 WA NVT Variety performance

- represented regionally as % of site mean yield



#### 2010-14 WA NVT MET Variety performance by yield environment

- represented as % of site mean yield



### Seed Availability

Seed is available from registered InterGrain Seedclub Members or your local reseller. For more information please contact David Meharry on 0427 855 059 or [dmeharry@intergrain.com](mailto:dmeharry@intergrain.com). Impress CL Plus<sup>®</sup> will not be approved at any stage for farmer to farmer trading in accordance with BASF guidelines.

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