



IGW3526



Cereal Breeding for Australia

An early-mid maturing, Wyalkatchem type, 2-gene imidazolinone wheat

CLASSIFICATION	APW
MATURITY	Mid - short, similar to Wyalkatchem
YIELD	High, outperforms other IMI tolerant wheats in Agzones 1, 2 & 4
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 [®] , Grenade CL Plus [®] and Clearfield STL [®]

Key Features

- High yielding 2 gene, Wyalkatchem type IMI tolerant wheat
- 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

IGW3526 is a 2 gene imidazolinone tolerant wheat with an APW classification in WA. 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 imidazolinone tolerant wheats. The possession of this trait also provides increased grower flexibility when other IT crops have been grown the previous year. The variety exhibits a similar plant type and height to Wyalkatchem.

Plant Features

IGW3526 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:

David Meharry M: 0427 855 059
WA Territory Manager dmeharry@intergrain.com

InterGrain Pty Ltd
19 Ambitious Link
Bibra Lake WA 6163

P: 08 9419 8000
admin@intergrain.com
www.intergrain.com



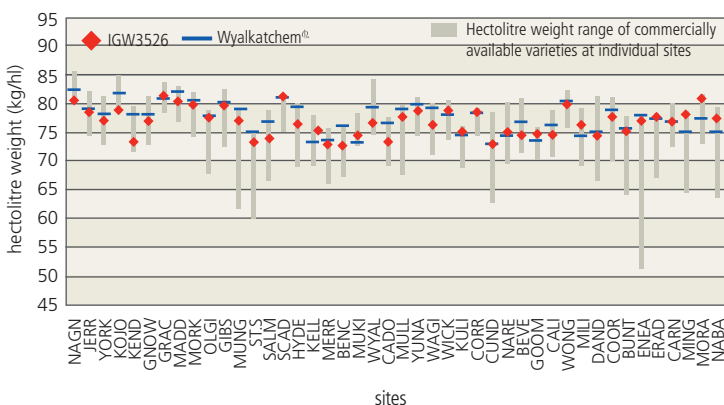


IGW3526



Grain Quality

2013 WA NVT Hectolitre weight for individual sites



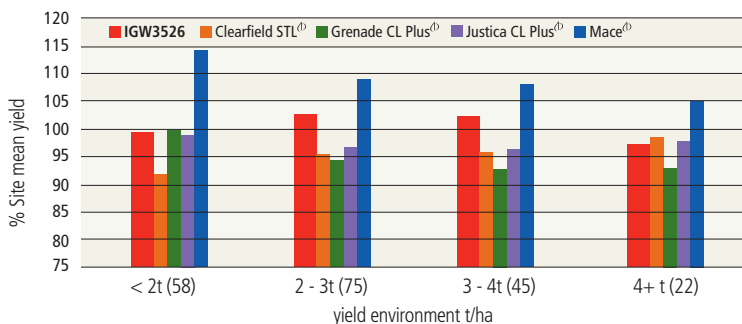
Disease

	CLASSIFICATION	LEAF RUST*	STEM RUST	STRIPE RUST	YELLOW LEAF SPOT	POWDERY MILDEW	CCN
IGW3526	APW	R	MR	MS-S	MR-MS	S-VS	MS
Clearfield STL (L)	APW	S-VS	MR	S	MS-S	MS-S	-
Grenade CL Plus (L)	APW	MS	MR	R-MR	S	MS	R
Justica CL Plus (L)	APW	MS-S	MR	R-MR	S	MS	MS
Mace (L)	AH	MR	MR	R-MR	MR-MS	MS-S	MR-MS
Wyalkatchem (L)	APW	MS	MS	S	(MR)	S	S

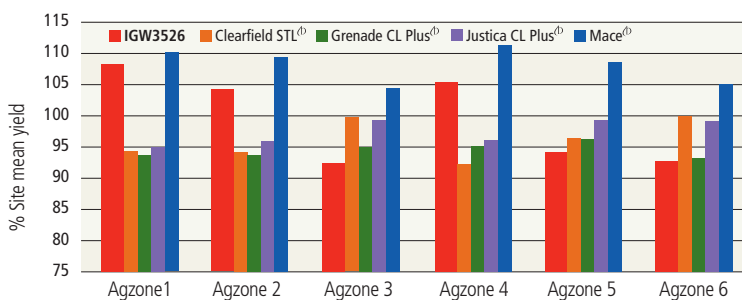
Source: DAFWA 2014 wheat variety guide. Disease data reference: R = Resistant, MR = Moderately Resistant, MS = Moderately Susceptible, S = Susceptible, VS = Very Susceptible. * Pathotype dependent, (L) = Higher disease at some sites, p = provisional rating.

Yield Performance

2009-13 WA NVT MET Variety performance by yield environment - represented as % of site mean yield (200 sites)

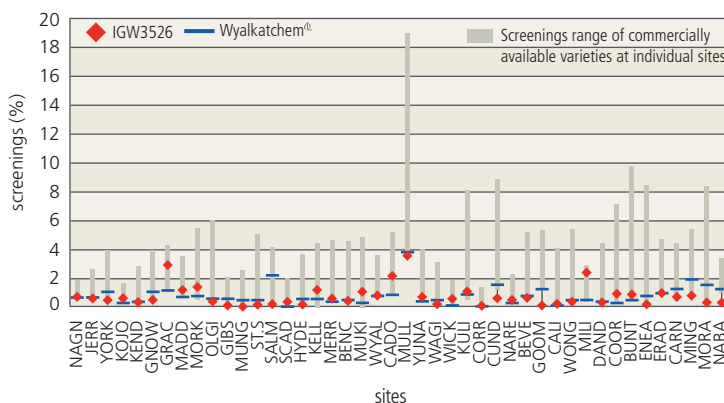


2009-13 WA NVT Variety performance by region - represented as % of site mean yield



Yield information will be updated in early February 2015 once all 2014 NVT data is available.

2013 WA NVT Screenings from individual sites



Seed Availability

Seed is available from registered InterGrain Seedclub Members or your local reseller, pending final chemical registration. For more information please contact David Meharry on 0427 855 059 or dmeharry@intergrain.com. IGW3526 will not be approved at any stage for farmer to farmer trading.

Plant Breeder's Rights

InterGrain will apply for Plant Breeder's Rights (PBR) for IGW3526 and the variety upon release will be subject to an end point royalty. IGW3526 is an InterGrain variety bred by Dr Daniel Mullan, Dr Ian Barclay (retired) and the wheat breeding team.

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David Meharry M: 0427 855 059
WA Territory Manager dmeharry@intergrain.com

InterGrain Pty Ltd P: 08 9419 8000
19 Ambitious Link admin@intergrain.com
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