



SUPREME [®] _{PBR}



Cereal Breeding for Australia

A supercharged Arrino replacement, with improved yield and superior udon noodle qualities

CLASSIFICATION	ANW - potential for PNS approval
MATURITY	Mid - short season, similar to Arrino
YIELD	High, comparable to Mace in med-high yielding environments
YELLOW SPOT	MS p
STRIPE RUST	MR p
STEM RUST	R p
LEAF RUST	R-MR* p
GRAIN SIZE	Moderate – similar to Arrino
ALTERNATIVE TO	Arrino, Binnu [®] , Mace [®] and Wyalkatchem [®]

Key Features

- High yielding, mid-short season udon noodle variety
- Excellent yield performance in medium to high rainfall areas
- Robust rust resistance package
- Useful yellow spot resistance
- Short plant height promoting an increased harvest index
- Arrino alternative with ANW classification
- Available for sowing in 2015

Pedigree

Supreme[®] was formerly known by breeding code IGW6042 and is an Arrino derivative.

Variety Overview

Supreme[®] is a mid-short season Arrino type with improved yield and disease resistance. Supreme[®] provides an improved rust resistance package over Arrino, in particular stem rust (Rp) and stripe rust (MRp) which can reduce the onset and spread of disease in high disease pressure seasons. It performs best in medium to high rainfall zones, with yields comparable to Mace. It also offers excellent udon noodle qualities with the potential for PNS (Premium Noodle Segregation) approval. Growers looking to diversify their wheat marketing opportunities and capitalise on possible noodle premiums should consider this variety as a mid-late sowing option. Supreme[®] has been accepted for ANW classification in WA and is available for planting in 2015.

Plant Features

Supreme[®] is of a similar height to Wyalkatchem[®]. It possesses a similar grain shape and size to Arrino.

FOR MORE INFORMATION:

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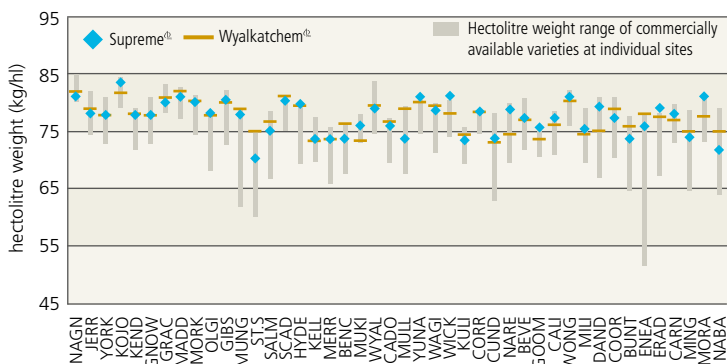
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Grain Quality

2013 WA NVT Hectolitre weight from individual sites



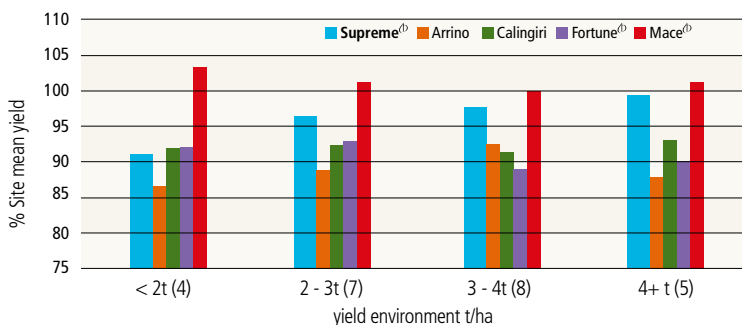
Disease

	CLASSIFICATION	LEAF RUST*	STEM RUST	STRIPE RUST	YELLOW LEAF SPOT	POWDERY MILDEW	CCN
Supreme (I)	ANW	R-MRp	Rp	MRp	MSp	-	-
Arrino	ANW	MS-S	S-VS	S	MS-S	MR	-
Calingiri	ANW	MS	S	S	(MS)	MS-S	-
Mace (I)	AH	MR	MR	R-MR	MR-MS	MS-S	MR-MS
Wyalkatchem (I)	APW	MS	MS	S	(MR)	S	S

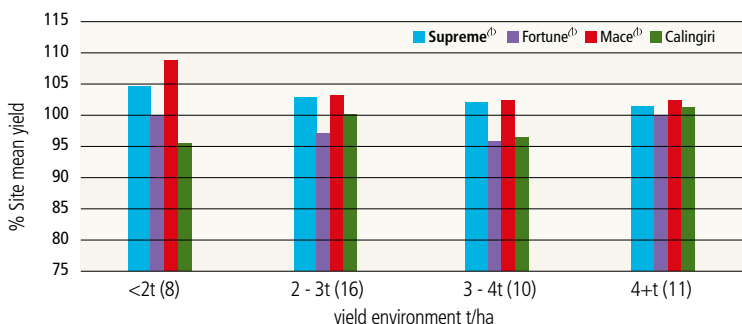
Source: DAFWA 2014 wheat variety guide. Disease data reference: R = Resistant, MR = Moderately Resistant, MS = Moderately Susceptible, S = Susceptible, VS = Very Susceptible. * Pathotype dependent, (I) = Higher disease at some sites, p= provisional rating.

Yield Performance

2012-13 InterGrain WA MET Variety performance by yield environment - represented as % of site mean yield (24 sites)

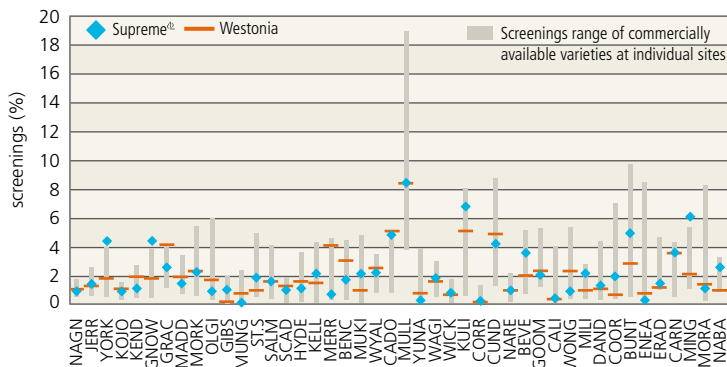


2013 WA NVT Variety performance by yield environment - represented as % of site mean yield (45 sites)



Supreme[®] has only been in the NVT for one year so caution is advised when interpreting these results.

2013 WA NVT Screenings from individual sites



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

Plant Breeder's Rights

Supreme[®] is protected by Plant Breeder's Rights and is subject to an end point royalty of \$3.85/tonne GST Exclusive.

Supreme[®] is an InterGrain variety bred by Daniel Mullan, Robin Wilson (retired), Robyn McLean (retired) and the wheat breeding team.

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