



HYDRA <sup>®</sup> PBR

APW PRODUCT PROFILE



Cereal Breeding for Australia

High yielding, robust disease resistant variety, providing a diverse mid-short season alternative

CLASSIFICATION	APW
MATURITY	Mid - short, in between Mace and Wyalkatchem
YIELD	High, similar to Mace
YELLOW SPOT	MRp
STRIPE RUST	MS p
STEM RUST	MR p
LEAF RUST	MR* p
GRAIN SIZE	Moderate - similar to Yitpi
ALTERNATIVE TO	Cobra <sup>®</sup> , Corack <sup>®</sup> , Mace <sup>®</sup> , Wyalkatchem <sup>®</sup> and Westonia <sup>®</sup>

## Key Features

- High yielding APW wheat
- Mace equivalent yields with improved disease resistance
- Outstanding yellow spot resistance
- Mid-short season maturity
- Excellent rust resistance package
- Available for sowing in 2015

## Pedigree

Hydra<sup>®</sup> was formerly known by breeding code IGW3422 and is a derivative of parents EGA Bonnie Rock and Queensland variety Strzelecki.

## Variety Overview

Hydra<sup>®</sup> is a high yielding, mid-short season APW wheat and performs very well in a broad range of environments. Hydra<sup>®</sup> offers an effective disease resistance package, in particular strong yellow spot resistance. It provides robust rust resistance, in particular to stem and leaf rust, both are MRp. Hydra<sup>®</sup> is moderate in height and is an excellent varietal alternative to Mace, providing increased genetic diversity within the variety portfolio. Hydra<sup>®</sup> has a moderate grain size, comparable to Yitpi and offers a similar test weight to Wyalkatchem.

## Plant Features

Hydra<sup>®</sup> is similar in height to Mace. It has a moderate tillering capacity and possesses a long coleoptile.

## FOR MORE INFORMATION:

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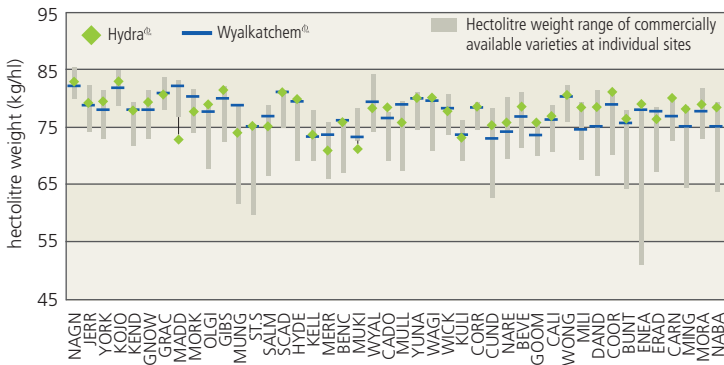
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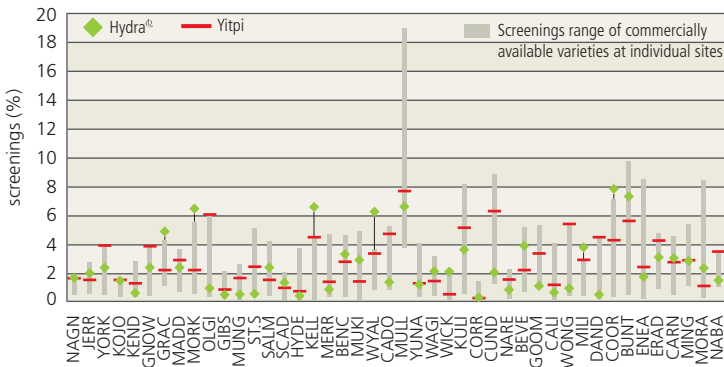


### Grain Quality

2013 WA NVT Hectolitre weight from individual sites



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

Hydra<sup>®</sup> is protected by Plant Breeder's Rights and is subject to an end point royalty of \$3.85/tonne GST Exclusive.

Hydra<sup>®</sup> is an InterGrain variety bred by Chris Moore, Robin Wilson (retired) and the wheat breeding team.

### Disease

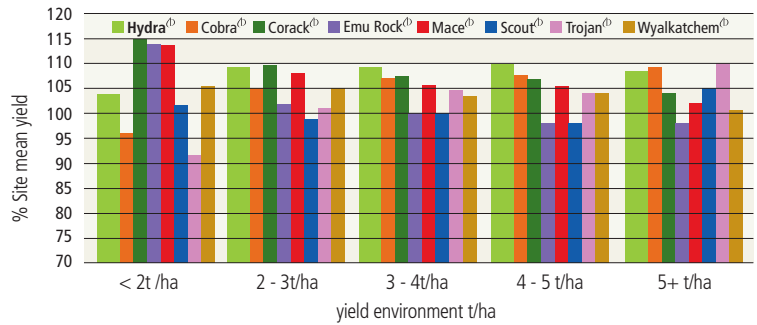
	CLASSIFICATION	LEAF RUST*	STEM RUST	STRIPE RUST	YELLOW LEAF SPOT	POWDERY MILDEW
Hydra <sup>®</sup>	APW	MRp	MRp	MSp	MRp	-
Corack <sup>®</sup>	APW	MR	MR	MS	(MR)	S-VS
Cobra <sup>®</sup>	AH	MR	R-MR	MS-S	MR-MS	MS-S
Mace <sup>®</sup>	AH	MR	MR	R-MR	MR-MS	S
Scout <sup>®</sup>	APW	R	MR	R-MR	S-VS	MS-S
Westonia <sup>®</sup>	APW	MS	S-VS	VS	MS-S	S
Wyalkatchem <sup>®</sup>	APW	R	MS	S	(MR)	S-VS

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

### Yield Performance

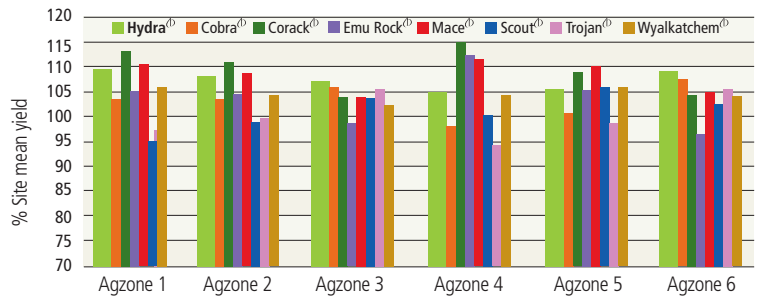
2010-14 WA NVT Variety performance

- represented by yield environment as % of site mean yield



2010-14 WA NVT Variety performance

- represented regionally as % of site mean yield



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