

INTERGRAIN

breeding solutions

**Western Australia
Wheat Guide
2011**



Wheat Varieties

AVAILABLE NOW

King Rock^(D)

- Triple Rust Resistant (Stem Rust MS, Stripe Rust R-MR, Leaf Rust R)
- AH with premium quality attributes similar to Bonnie Rock
- Similar yields to Bonnie Rock
- Moderately resistant to Yellow Spot
- \$3.30/t EPR
- Available for purchase through www.seedpool.com.au

Magenta^(D)

- High yielding (long term yield trials show 6% higher than Wyalkatchem)
- APW
- Solid disease profile (Stem Rust R-MR, Stripe Rust MS, Leaf Rust R, Yellow Spot MR)
- Better early vigour than Wyalkatchem
- Long coleoptile
- Maturity slightly earlier than Yitpi
- \$3.30/t EPR
- Available for purchase through www.seedpool.com.au

Fortune^(D)

- Premium udon noodle quality
- Grain can be sold to any grain trader
- High yielding – similar to Calingiri
- Maturity similar to Calingiri
- Acceptable rust package (Stem Rust MS, Stripe Rust MS, Leaf Rust MR)
- \$3.30/t EPR
- Available for purchase through www.seedpool.com.au



Kunjin^(D)

- Triple rust resistant high yielding soft wheat
- High yielding (higher than EGA 2248, Bullaring and Wyalkatchem)
- Classified as Australian Soft
- Rust resistant backcross of 2248 (Stem Rust MR, Stripe Rust MS, Leaf Rust MS-S)
- Non club
- Early maturity (similar to 2248)
- Excellent grain size and hectolitre weight
- \$3.85/t EPR
- Available for purchase through www.seedpool.com.au

Wedin^(D)

- Triple rust resistant high yielding soft wheat
- High yielding (higher than EGA 2248, Bullaring and Wyalkatchem)
- Classified as Australian Soft
- Superior rust package (Stem Rust R-MR, Stripe Rust MS, Leaf Rust R-MR)
- Non club
- Longer maturity (not as long as Jitarning)
- Good grain size and hectolitre weight
- \$3.85/t EPR
- Available for purchase through www.seedpool.com.au

POTENTIAL NEW VARIETIES 2011/12

IGW3097

- **Clearfield® Plus*** Wyalkatchem type with 2 genes for improved herbicide control
- Triple rust resistance (Stem Rust MS, Stripe Rust R-MR, Leaf Rust R)
- APW classification
- Yield improvement over Clearfield STL and Clearfield JNZ
- Registered for use with **Intervix®*** herbicide

IGW3167

- High yields, broadly adapted across Australia
- Classification pending – targeting AH
- Earlier maturity, suits shorter seasons
- Good rust and yellow spot resistance (Stem Rust MS, Stripe Rust MR-MS, Leaf Rust MS.)
- Some sprouting tolerance – similar to Janz

IGW2944

- Udon noodle classification
- Yields similar to Calingiri but with improved quality
- Good yellow spot resistance
- Stem Rust MS, Stripe Rust MS, Leaf Rust MS.)



Wheat on the Web

www.SeedPool.com.au

InterGrain and Nuseed have developed a web based system designed to allow and easily facilitate 'farmer to farmer' trading of seed of Authorised Wheat varieties. SeedPool is a free service and enabling you to find growers who have seed of InterGrain varieties available for sale.

Or contact us

InterGrain 08 9368 3300
admin@intergrain.com
www.intergrain.com

Nuseed 1800 993 573
www.nuseed.com.au



About InterGrain

InterGrain is a leading Australian crop breeding company with highly successful wheat and barley breeding programs that target the major cereal growing areas of Australia. InterGrain varieties occupy a significant proportion of the area sown to cereals in Australia.

The wheat and barley breeding programs service the major cereal growing areas in Australia-Western Australia, South Australia, Victoria and New South Wales. The barley program also services Queensland.

InterGrain has +30 staff and offices/facilities in Perth, Wongan Hills and Horsham.

The shareholders are the WA State Government, GRDC and Monsanto.



InterGrain operates 64 Breeding Sites across Australia and New Zealand

Western Australian Trial Sites

Bullaring	Frankland	Mingenew
Buntine	Hyden	Mt Barker
Carnarvon	Kalannie	Northampton
Coomalbidgup	Katanning	Scaddan
Dandaragan	Lake Grace	Wilgoyne
Darkan	Manjimup	Wongan Hills
Dudinin	Meckering	
Eradu	Merredin	

Wheat breeding program

Three regional breeding programs servicing WA, SA, Victoria and NSW. A specialist program provides support in fast tracking disease resistance and elimination of critical defects. A research and development program in collaboration with Monsanto to increase the use of genotypic technologies in the core breeding programs.

Region	Breeder	Priorities include	Quality	Key Varieties
West	Dan Mullan	Yield improvements	Hard milling wheats with export focus (APH, AH, APWN and APW) Udon noodle (ANW) Feed types	King Rock Bonnie Rock Eagle Rock Tamarin Rock Magenta Wyalkatchem Zippy Endure Binnu Yandanooka Fortune Wedin Kunjin
South	Chris Moore	Agronomic suitability		
East	Robin Wilson	Abiotic stress tolerance Disease resistance (rust, Septoria, CCN)		
Express	Robyn McLean	Rapid breeding methods and gene introgression		
R&D	Iain Barclay	LMA, germplasm introductions, high throughput marker screening technologies		



For more information:

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