



High Yielding
Early Maturing
AH Wheat

Victoria / South Australia
2012

PRODUCT PROFILE

Emu Rock

AH WHEAT

Emu Rock

Key Features

- Australian Hard (AH)
- High yielding wheat in InterGrain internal trials 2009-11
- Most robust early maturing option for mid to late sowing opportunities.
- Good yellow leaf spot resistance
- Very large grain size
- Durable stripe rust resistance (Effective even in the presence of Yr17 virulence)

Pedigree

Emu Rock was formerly known by breeding code IGW3167 and is a derivative of Kukri, Perenjori and Ajana.

Variety Overview

Emu Rock is a high yielding AH variety for mid to late sowings in a broad range of environments. This early maturing wheat performs best in shorter growing seasons and enables growers to utilise later sowing opportunities for improved weed control options. It also presents the advantages of durable stripe rust and yellow leaf spot resistance over other mid to late sown varieties. Emu Rock is susceptible to CCN but is still an excellent varietal option when used in conjunction with effective CCN break crops in a well-managed rotation.

Plant Features

Emu Rock has an intermediate height, it is slightly taller than Wyalkatchem yet shorter than Mace, similar to Young and has a medium coleoptile. This variety also exhibits crown rot resistance similar to one of its parents Kukri. It also offers a useful level of blackpoint tolerance, similar to Wyalkatchem.

Sowing Rate

Due to the large grain size of Emu Rock it is important to consider sowing rates to ensure that the desired plant density is achieved in order to maximise yield potential with this variety.

CLASSIFICATION	AH
MATURITY	Early - Between Axe and Gladius/Correll
YIELD	High in medium - shorter season environments
YELLOW LEAF SPOT	MS
STRIPE RUST	MR-MS
STEM RUST	MR-MS
LEAF RUST	S
CCN	S
SEED SIZE	Large, lower tendency to produce screenings
KEY FEATURES	Early maturity, high yield and large grain size
ALTERNATIVE TO	Gladius, Correll, Axe, Mace, Lincoln, Young, Scout and Wyalkatchem

Yield Performance

South Australia Data NVT Data 2010-2011 - Yield as % of Gladius.		
VARIETY	EYRE P SA (16 ENVs)	MID NORTH & YORKE P SA (14 ENVs)
EMU ROCK	105	105
<i>Gladius</i>	100	100
Axe	97	98
Correll	101	99
Mace	106	106
Wyalkatchem	103	104
Yitpi	102	99

Victorian & South Australia Data NVT Data 2010-2011 - Yield as % of Correll.		
VARIETY	MALLEE SA & VIC (30 ENVs)	WIMMERA VIC (13 ENVs)
EMU ROCK	99	100
<i>Correll</i>	100	100
Frame	92	86
Yitpi	97	98

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Cereal Breeding for Australia



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Emu Rock

PBR/EPR

Emu Rock is protected by Plant Breeder's Rights and is subject to an end point royalty of \$3.50/Tonne GST Exclusive. Emu Rock is an InterGrain variety bred by Robin Wilson, Chris Moore and the wheat breeding team.

Seed Availability

Seed is available for purchase from registered InterGrain seed members or your local reseller. For more information please contact InterGrain on (08) 9419 8000 or www.intergrain.com

Classification & Disease

VARIETY	CLASSIFICATION VIC	CLASSIFICATION SA	YELLOW LEAF SPOT	STRIPE RUST (Yr 17-27)	STEM RUST	LEAF RUST	CCN
EMU ROCK	AH	AH	MS	MR-MS	MR-MS	S	S
Axe	APW	APW	S	R-MR	MR-MS	MR	S
Correll	AH	AH	S-VS	MR-MS	MR	MS-S	MR
Gladius	AH	AH	MS	MR-MS	MR	MS	MS
Lincoln	AH	AH	MR-MS	R-MR	MR	R	S
Mace	AH	AH	MR-MS	S-VS	MR	MR	MR-MS
Scout	APW	APW	S-VS	MS	MR	R	R
Wyalkatchem	APW	APW	MR	S	MS	MS	S
Yitpi	AH	AH	S-VS	MR-MS	S	MS-S	MR
Young	AH	AH	MR-MS	MS	MR-MS	R	R

*Reference for (Yr17). Source: Victorian Winter Crop Summary 2012
Rust Ratings Source: 2012 The University of Sydney Cereal Rust Report.

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