



COSMICK 

AH **PRODUCT PROFILE**



Cereal Breeding for Australia

High yielding, early-mid season AH, alternative with diverse disease resistance

Key Features

- High yielding AH wheat, comparable yields to Mace
- Good yellow leaf spot resistance
- Early-mid season maturity, similar to Corack
- Moderate stem and stripe rust resistance
- Comparable height to Gladius
- Available for sowing in 2015

CLASSIFICATION	AH
MATURITY	Early-mid, similar to Corack and Correll
YIELD	High, similar to Mace
YELLOW SPOT	MR-MS
STRIPE RUST	MS
STEM RUST	MS
POWDERY MILDEW	MS
LEAF RUST	S
GRAIN SIZE	Moderate – comparable to Yitpi
ALTERNATIVE TO	Cobra [®] , Corack [®] , Gladius [®] , Mace [®] and Wyalkatchem [®]

Pedigree

Cosmick[®] was formerly known by breeding code IGW3423 and is a derivative of WA variety, EGA Bonnie Rock[®] and Queensland variety Strzelecki[®].

Variety Overview

Cosmick[®] is a high yielding, early-mid maturing wheat and performs very well in a broad range of environments. It has an AH classification in the southern region (VIC & SA) and is an excellent varietal alternative to Corack[®], Gladius[®] and Mace[®] and provides increased diversity within the variety portfolio. Cosmick[®] offers an effective disease resistance package, in particular strong yellow leaf spot resistance (MR-MS). The variety also provides a moderate level of stem and stripe rust resistance and offers test weights similar to Wyalkatchem[®].

Plant Features

Cosmick[®] is similar in height to Gladius[®].

FOR MORE INFORMATION:

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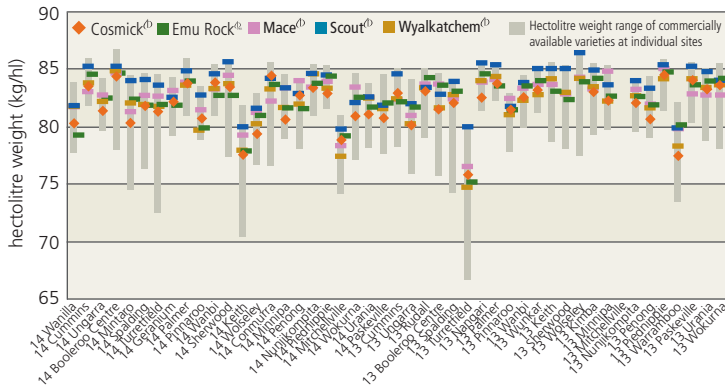




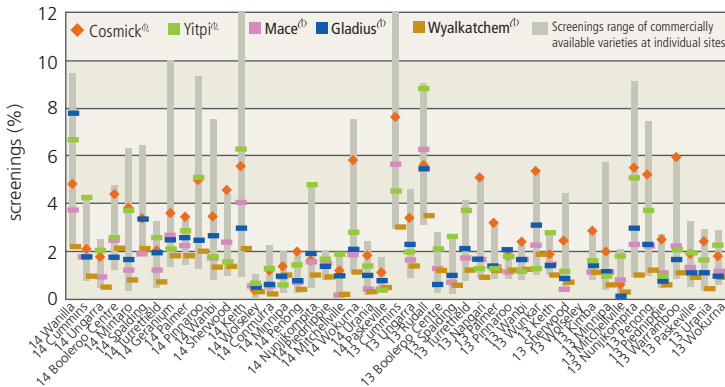
Grain Quality

Cosmick[®] has a moderate grain size, with screenings levels comparable to Yitpi. Cosmick[®] also has good hectolitre weights, similar to Wyalkatchem[®].

2013-14 SA NVT hectolitre weights from individual sites



2013-14 SA NVT screenings % from individual sites



Seed Availability

Cosmick[®] seed is available from registered InterGrain Seedclub Members or your local reseller. For more information please contact Ash Brooks 0488 488 904 or abrooks@intergrain.com or www.intergrain.com

Plant Breeder's Rights

Cosmick[®] is protected by Plant Breeder's Rights and is subject to an end point royalty of \$3.85/tonne GST Exclusive. Cosmick[®] is an InterGrain variety bred by Chris Moore and the wheat breeding team.

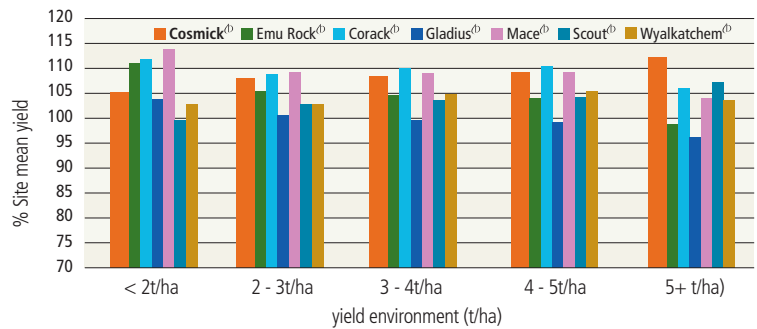
Disease

	CLASSIFICATION	LEAF RUST	STEM RUST	STRIPE RUST	YELLOW LEAF SPOT	POWDERY MILDEW	CCN	BLACK POINT
Cosmick[®]	AH	S	MS	MS	MR-MS	MS	MS	
Cobra [®]	AH	MR	R-MR	MS-S	MR-MS	MR-MS	MS	MS
Corack [®]	APW	MS-R#	MR	MS	MR	S-VS	R-MR	S
Gladius [®]	AH	MS	MR^	MR-MS	MS	MS-S	MS	MS
Mace [®]	AH	MS-S#	MR	S-VS	MR-MS	MS-S	MR-MS	MR-MS
Scout [®]	AH	MR-MS#	MR	MS	S-VS	MS	R	S-VS
Wyalkatchem [®]	APW	S#	MS	S	MR	S-VS	S	MR-MS

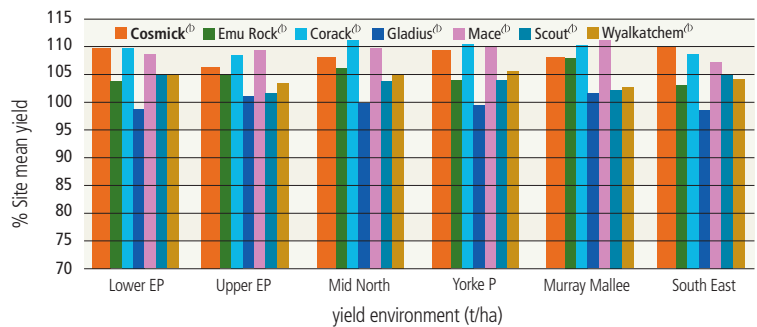
Source: 2015 SARDI Cereal Variety Disease Guide. Disease data reference: R = Resistant, MR = Moderately Resistant, MS = Moderately Susceptible, S = Susceptible, VS = Very Susceptible p = provisional. # Pathotype dependent. ^ Some susceptible plants

Yield Performance

2010-14 SA NVT MET analysis, represented by yield environment as a % of site mean yield



2010-14 SA NVT MET analysis, represented regionally as a % of site mean yield



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