



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, equivalent yields to Corack
- Good yellow leaf spot resistance
- Good powdery mildew resistance
- Early-mid season maturity
- Robust rust resistance, in particular to stem rust
- 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 p |
| STRIPE RUST | MS p |
| STEM RUST | MR-MS p |
| POWDERY MILDEW | MR-MS p |
| LEAF RUST | MR-MS p |
| GRAIN SIZE | Moderate – comparable to Yitpi |
| ALTERNATIVE TO | Corack [®] , Correll [®] , Derrimut [®] , Gladius [®] , Mace [®] and Scout [®] |

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 Correll[®], Corack[®], Derrimut[®], Mace[®] and Scout[®], and provides increased disease 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 robust level of stem rust resistance (MR-MS) and offers test weights similar to Yitpi.

Plant Features

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

FOR MORE INFORMATION:

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COSMICK

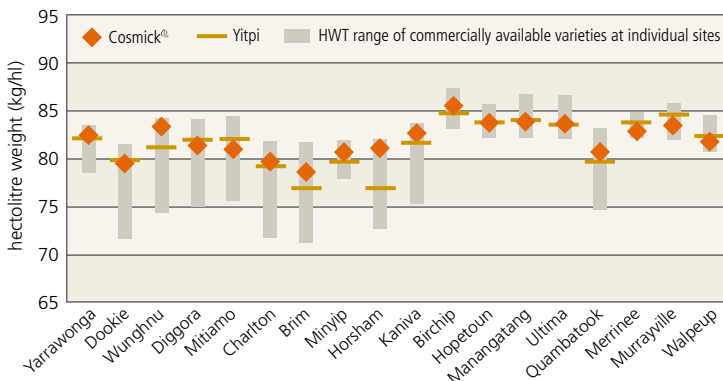


PRODUCT PROFILE

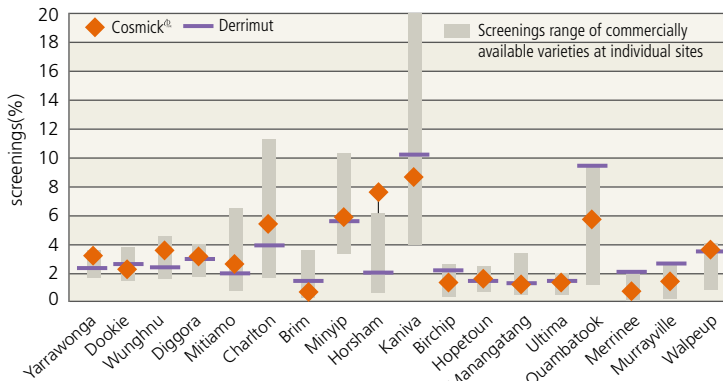
Grain Quality

Cosmick[®] has a moderate grain size, with screenings levels comparable to Yitpi.

2013 Victorian NVT hectolitre weights from individual sites



2013 Victorian NVT screenings % from individual sites



Seed Availability

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 Robin Wilson (retired) and the wheat breeding team.

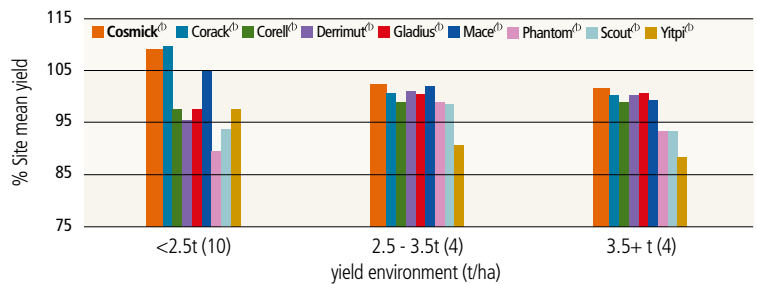
Disease

| | CLASSIFICATION VIC & SA | LEAF RUST | STEM RUST | STRIPE RUST | YELLOW LEAF SPOT | CCN |
|----------------------------|-------------------------|---------------|---------------|-------------|------------------|-----------|
| Cosmick[®] | AH | MR-MSp | MR-MSp | MSp | MR-MSp | Sp |
| Corack [®] | APW | MS | MR | MS | MR# | R-MR |
| Correll [®] | AH | MS-S | MR-MS | MR-MS | S-VS | MR |
| Derrimut [®] | AH | R | MR | MS-S | S | R |
| Gladius [®] | AH | MS | MR | MR-MS | MS | MS |
| Mace [®] | AH | MR | MR | S-VS | MR-MS | MR-MS |
| Scout [®] | AH | R | MR | MS | S-VS | R |

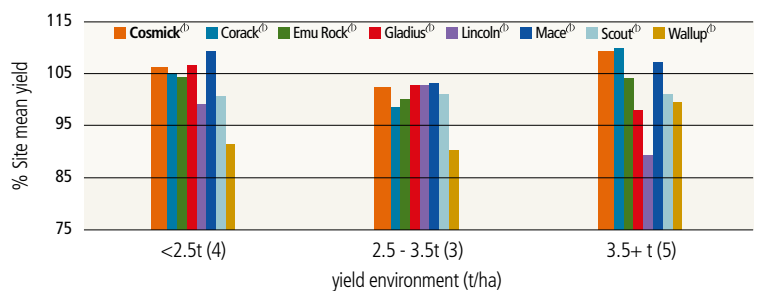
Source: 2014 Victorian Winter Crop Summary. Cosmick[®] ratings from InterGrain Pathology. Disease data reference: R = Resistant, MR = Moderately Resistant, MS = Moderately Susceptible, S = Susceptible, VS = Very Susceptible p = provisional. # Pathotype dependent

Yield Performance

2013 Victorian NVT variety performance by yield environment - represented as a % site mean yield (18 sites)



2012-13 InterGrain Victorian MET variety performance by yield environment; represented as a % site mean yield (12 sites)



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

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