



SOUTH AUSTRALIA  
VICTORIA  
NEW SOUTH WALES  
OCTOBER 2023

AH - Southern zone

Potential AH -  
South Eastern zone  
Northern zone

# GENIE



**New high-yielding, mid-slow  
AH\* granting growers' wishes**

# VARIETY OVERVIEW

GENIE<sup>®</sup> is an exceptionally high yielding, mid-slow AH\* wheat and is an excellent alternative to RockStar<sup>®</sup> in >3t/ha yield environments. In these environments the variety offers medium-high rainfall growers a 1-2% yield improvement compared to RockStar<sup>®</sup>.

GENIE<sup>®</sup>, with its slightly later maturity than Rockstar<sup>®</sup> and long coleoptile, enables earlier sowing opportunities to be maximised. The variety's long coleoptile allows it to be sown deeper to seek moisture, an advantage when sowing into marginal moisture conditions.

Preliminary internal sprouting tolerance testing indicates GENIE<sup>®</sup> has good sprouting tolerance and is rated 5p. This is an improvement on RockStar<sup>®</sup> and comparable to Scepter<sup>®</sup>.

GENIE<sup>®</sup> has an excellent disease resistance package including useful stem rust (MRp) and stripe rust (MRMSP) resistances and is moderately susceptible to CCN. It offers good test weight and has a medium plant height, similar to RockStar<sup>®</sup>. Additionally, GENIE<sup>®</sup> has a moderate grain size.

\*GENIE<sup>®</sup> is classified as AH in the Southern zone and is pending an AH classification for the South East and Northern classification zones.

**GENIE<sup>®</sup> is available for planting in 2024 through your local reseller or InterGrain Seedclub member.**

## VARIETY AT A GLANCE



HIGH YIELDING



MODERATE GRAIN SIZE



MID-SLOW SPRING MATURITY



LONGER COLEOPTILE LENGTH



\$3.50/t EX GST



CCN (MSP)



STEM RUST (MRp)



YELLOW LEAF SPOT (MSP)



STRIPE RUST (MRMSP)



GOOD PRE HARVEST SPROUTING TOLERANCE

## PLANT FEATURES

		GENIE <sup>®</sup>	ROCKSTAR <sup>®</sup>	COOLAH <sup>®</sup>	COOTA <sup>®</sup>	CUTLASS <sup>®</sup>	LRPB TROJAN <sup>®</sup>	SCEPTER <sup>®</sup>
Classification	Southern zone	AH	AH	AH	AH	APW	APW	AH
	South eastern zone	FEED (potential AH)	APH	APH	APH	AH	APW	AH
	Northern zone	FEED (potential AH)	APH	APH	APH	APH	ASW	AH
Maturity		Mid-Slow	Mid-Slow	Mid-Slow	Mid-Slow	Mid-Slow	Mid-Slow	Mid
Coleoptile Group		Long	Medium	-	-	Long	Medium	Medium-Short
Plant Height		Medium	Medium	-	-	Medium	Medium	Medium

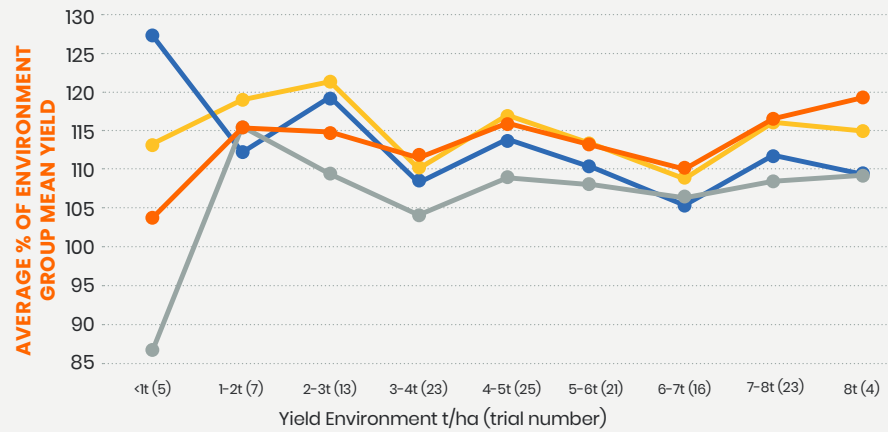
Source: 2023 SA, Vic and NSW Crop Sowing Guide, Wheat Quality Australia and InterGrain wheat breeding.

## DISEASE RATINGS

	GENIE <sup>®</sup>	ROCKSTAR <sup>®</sup>	COOLAH <sup>®</sup>	COOTA <sup>®</sup>	CUTLASS <sup>®</sup>	LRPB TROJAN <sup>®</sup>	SCEPTER <sup>®</sup>
Leaf Rust	MSp	S	RMR	MR	RMR	MR#	MSS
Stem Rust	MRp	MRMS	MR	RMR	R	RMR	MRMS
Stripe Rust (2023 East Coast)	MRMSP	S	MSS	S	MSS	S	MSS
Black Point	-	MSS	S	MRp	MS	MRp	MS
CCN	MSp	MSS	S	MR	MR	MR	MRMS
Crown Rot	-	S	MSS	MSS	S	MSS	MSS
Powdery Mildew	-	SVS	S	S	MSS	S	SVS
Septoria Tritici Blotch	MS-Sp	S	MSS	S	MSS	S	S
Yellow Leaf Spot	MSp	MRMS	MSS	MSS	MSS	MSS	MRMS

GENIE<sup>®</sup> ratings based on InterGrain provisional ratings. Source: 2022 NVT Pathology consensus disease ratings. p= provisional rating, R = Resistant, RMR = Resistant to Moderately Resistant, MR = Moderately Resistant, MRMS = Moderately Resistant to Moderately Susceptible, MS = Moderately Susceptible, MSS = Moderately Susceptible to Susceptible, S = Susceptible, SVS = Susceptible to Very Susceptible, VS = Very Susceptible

## YIELD PERFORMANCE



2019-2022 InterGrain NSW, Vic and SA MET yield performance, presented as the average % of all trials within an environmental yield grouping

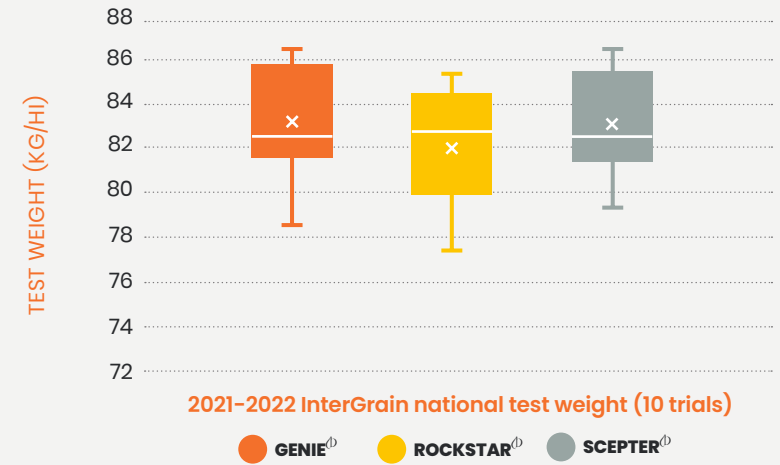
● GENIE<sup>®</sup> ● ROCKSTAR<sup>®</sup> ● CUTLASS<sup>®</sup> ● SCEPTER<sup>®</sup>



Genie<sup>®</sup> at Inverleigh, Victoria in early August 2023.

## GRAIN QUALITY

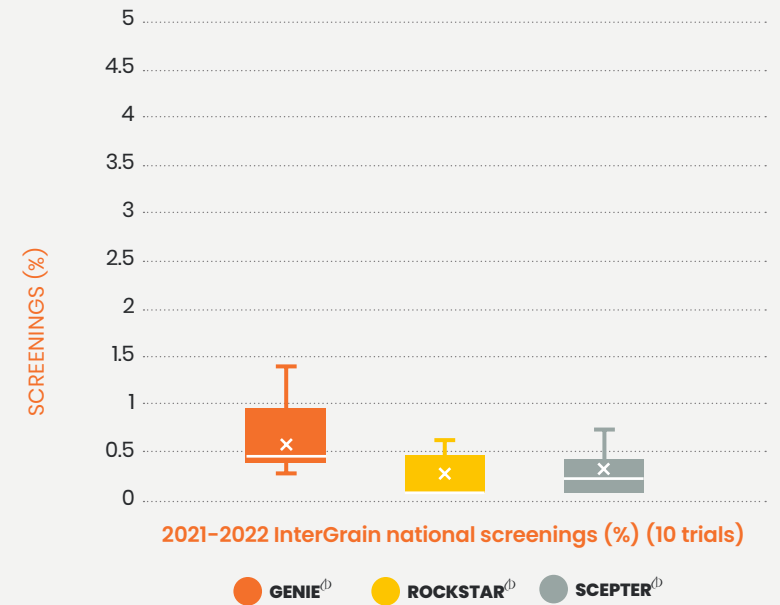
### TEST WEIGHT



2021-2022 InterGrain national test weight (10 trials)

● GENIE<sup>®</sup> ● ROCKSTAR<sup>®</sup> ● SCEPTER<sup>®</sup>

### SCREENINGS



2021-2022 InterGrain national screenings (%) (10 trials)

● GENIE<sup>®</sup> ● ROCKSTAR<sup>®</sup> ● SCEPTER<sup>®</sup>



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## PBR/EPR

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