

# Kiora<sup>®</sup>



- ✓ Best suited to medium-high rainfall environments
- ✓ Mid-late season maturity
- ✓ High grain yield in this planting window
- ✓ APH quality classification (South Eastern Zone)
- ✓ Excellent tolerance to RLN (*P. thornei*)
- ✓ Good stem, stripe and leaf rust resistance
- ✓ Improved grain size over Bolac

## Breeders comments

With current research projects exploring and quantifying the benefits of early sowing it is imperative that growers match sowing dates with suitable varieties. Research outcomes suggest that utilising early sowing opportunities can lead to increased overall farm yield, but early sowing may increase the risk of damaging frost events.

As the scale of grain production systems continues to increase, completing sowing within the optimum sowing window becomes more difficult. Sowing varieties which differ in the time to flowering can be used as a risk management tool, allowing growers to adjust sowing date but still achieve an optimal flowering date.

With Kiora in their arsenal growers can be confident that planting from the 20th of April will maximise yield potential and reduce the risk of frost damage when compared to a shorter main season variety.

Kiora has an impressive disease package including resistance to stem, leaf and stripe rust, which are valuable traits in a longer season variety.

Kiora has good lodging resistance and is better suited to medium to high rainfall areas or irrigation as grain quality can potentially be effected in marginal areas.

## Seed Availability

Commercial quantities of Kiora may be available through AGT Affiliates, or your local retailer. Please consult the AGT website for AGT Affiliate contact details.

Kiora is able to be traded between growers upon the completion of a License Agreement as part of AGT's Seed Sharing initiative.

## PBR and EPR

Kiora is protected by Plant Breeders Rights (PBR) and all production (except seed saved for planting) is liable to an End Point Royalty (EPR), which funds future plant breeding. Kiora growers will be subject to a Growers License Agreement that acknowledges that an EPR of \$3.25/tonne + GST has to be paid on all production other than seed saved for planting.



## Predicted yields of Kiora versus control varieties

Grain yield as % of region average (NVT long term MET analysis, early sown trials 2011-2015)

	Kiora	Beckom	Cutlass	DS Pascal	EGA Gregory	Flanker	Lancer	Suntop	Trojan
South East New South Wales	103	111	110	96	104	110	100	108	114
South West New South Wales	105	115	109	102	103	108	100	108	114
North East Victoria	108	110	109	104	100	107	96	105	111
South West Victoria	110	113	109	108	99	105	96	106	112
South East South Asutralia	108	110	99	107	94	88	107	104	107



## Disease, agronomic and grain quality ratings for Kiora and control varieties

	Kiora	Beckom	Cutlass	DS Pascal	EGA Gregory	Flanker	Lancer	Suntop	Trojan
Stem Rust	RMR	MR	RMR	MSS	MR	RMR	R	MR	MRMS
Stripe Rust	RMR	MRMS	MRMS**	MR	MR	MR	MR	MRMS	MR
Leaf Rust	MRMS	S	RMR	MS	MR	MRMS	RMR	MRMS	MRMS
Yellow Leaf Spot	MSS	MSS	MSS	MRMS	S	MSS	MS	MSS	MSS
CCN	MS	R	MR	S	S	S	S	S	MS
Boron Soil Tolerance	MI	MT	MT	-	I	-	I	I	MT
Acid Soil Tolerance	MI	MT	-	-	MT	-	MII	MT	MTMI
Maturity	Mid-Late	Mid	Mis-Late	Mis-Late	Mis-Late	Mis-Late	Mis-Late	Mid	Mid
Plant Height	Medium	Short	Tall	Medium	Very Tall	Very Tall	Short	Tall	Mid
Lodging Resistance	MR	MRMS	MRMS	MR#	MS	S#	MR	MR	MRMS
South Eastern Zone Quality	APH	AH	*	APW	AH	APH	APH	APH	APW
Southern Zone Quality	AH	AH	APW	APW	APW	APW	AH	AH	APW
Sprouting Tolerance	MII	MII	I	-	I	-	I	VI	MI
Black Point Resistance	S	MS	MS	-	MS	-	MRMS	MR	MRMS
Screenings Risk	High	Moderate	Moderate	-	Moderate	Moderate	Low	High	Moderate
Test Weight	High	High	Moderate	-	Moderate	Moderate	Moderate	Moderate	High

R Resistant  
 MR Moderately Resistant  
 MS Moderately Susceptible  
 S Susceptible  
 VS Very Susceptible

T Tolerant  
 MT Moderately Tolerant  
 MI Moderately Intolerant  
 I Intolerant  
 VI Very Intolerant

\* Classification pending  
 \*\* AGT Rating  
 # Preliminary ratings, to be used with caution

Source /  
 NSW DPI Winter Crop Variety Sowing  
 Guide 2016, Victorian Cereal Disease  
 Guide 2016, NVT and AGT data.

## Contact details



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*Disclaimer / The information contained in this brochure is based on knowledge and understanding at the time of writing. Growers should be aware of the need to regularly consult with their advisors on local conditions and currency of information.*