

Coota[®]



Variety snapshot

- High yielding in early sown trials and situations
- Mid-slow maturity, best suited to end of April-beginning of May planting
- APH quality classification with low screenings and high test weights
- Good lodging tolerance
- Alternative to LRPB Lancer[®], LRPB Stealth[®] and other earlier sowing options

Breeder's comments

Coota[®] made its mark in southern NSW, but has proven its ability in the north, offering consistently high yields in the NVT early sown trials. With a maturity and plant height very similar to LRPB Lancer[®], but with much higher yield, Coota[®] looks to be a great option for growers wanting to step up to the next level of profitability. Coota[®] has a wide planting window, achieving competitive yield levels from late April to mid May.

By combining excellent grain size, shorter stature and adaptation across different soil types, Coota[®] is a variety that can be relied on to perform.

Unlike taller varieties EGA Gregory[®], Coolah[®] and LRPB Flanker[®], Coota[®] has good lodging tolerance, similar to, or better than LRPB Lancer[®].

The yield performance, physical grain quality package and agronomic traits of Coota[®] give it flexibility across high and low yield potential zones, and a wide planting window. High grain yield potential, compact plant height and tolerance to lodging make Coota[®] a good option in high rainfall, high input and irrigated environments, whilst its excellent grain package can help in minimising risk in less favourable conditions where screenings can be an issue.

In AGT crown rot evaluation trials at Narrabri, Coota[®] has demonstrated an ability to maintain high yield in the presence of crown rot, similar to or slightly better than LRPB Lancer[®].

Table 1. Specifications

Background

Tested as	V10100-064
Released	2020
EPR rate	\$3.60/tonne + GST

Performance

Grain yield	Please consult the NVT website for current data: https://nvt.grdc.com.au/
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Disease

Stem Rust resistance*	RMR
Stripe Rust resistance*	S
Leaf Rust resistance*	MR
Yellow Leaf Spot resistance*	MSS
Septoria Tritici Blotch resistance*	S
Pratylenchus Thornei resistance*	MS
Pratylenchus Thornei tolerance*	MTMI
Crown Rot resistance*	MSS

Plant Characteristics

Maturity speed^	Mid-slow
Maturity habit^	Spring
Sowing window^	Early & Main
Novel herbicide tolerance^	None (conventional tolerance)
Head type^	Awned
Plant height^	Moderately short
Coleoptile length^	Short
Lodging tolerance^	MTMI

Abiotic Stress

Boron tolerance^	Does not carry tolerance gene
Acid/aluminium tolerance^	Carries tolerance gene

Grain Quality

Quality classification	APH
Screenings level^	White
Retentions level^	Low
Test weight^	High
Sprouting tolerance^o	I
Black Point resistance*	MS

Legend

R	Resistant	VI	Very Intolerant	o	Rating based on Germination Index Values
MR	Moderately Resistant	(P)	Provisional rating	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/TraitRatings
MS	Moderately Susceptible	NA	Not Available		
S	Susceptible	/	Pathotype differences		
VS	Very Susceptible	-	Range		
T	Tolerant	,	Mixed phenotype		
MT	Moderately Tolerant	#	May be more susceptible to alternate pathotypes		
MI	Moderately Intolerant	*	NVT consensus ratings 2025		
I	Intolerant				



Seed Availability

Please contact an AGT Affiliate or your local retailer for seed. Consult the AGT website for AGT Affiliate contact details (www.agtbreeding.com.au/affiliates). AGT varieties can be traded between growers upon the completion of a License Agreement as part of AGT's Seed Sharing™ initiative (www.agtbreeding.com.au/seedsharing)

PBR and EPR

Varieties denoted by the [®] symbol are 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. Growers of PBR protected varieties will be subject to a Grower License Agreement that acknowledges that an EPR must be paid on all production other than seed saved for planting.

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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. Wherever possible, independent NVT data has been used in this publication. In the absense of NVT data, AGT data has been provided.