Coota

AGT

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

Breeder's comments

Coota$^{\Phi}$, bred by our team at Wagga Wagga, has been released to complement the high yielding, AH quality, mid season maturing varieties Beckom$^{\Phi}$ and Scepter$^{\Phi}$; offering an earlier sowing opportunity, APH quality, as well as maintaining the high yield potential that growers expect out of new varieties.

Coota performs best when sown in its optimal window from late April to mid May. Coota has shown excellent adaptation to southern NSW, performing strongly in this sowing window, out-yielding LRPB Lancer$^{\Phi}$. Although lower yielding than Rockstar$^{\Phi}$, Coota$^{\Phi}$ offers better sprouting tolerance, higher test weight and slightly better stripe rust resistance.

By combining excellent grain size, shorter stature and adaptation across different soil types, Coota$^{\Phi}$ is a variety that can be relied on to perform.

Unlike taller varieties EGA Gregory$^{\Phi}$, Coolah$^{\Phi}$ and LRPB Flanker$^{\Phi}$, Coota$^{\Phi}$ has good lodging resistance, similar to, or better than LRPB Lancer$^{\Phi}$.

The yield performance, physical grain quality package and agronomic traits of Coota$^{\Phi}$ give it flexibility across high and low yield potential zones, and a wide planting window. High grain yield potential, compact plant height and resistance to lodging make Coota$^{\Phi}$ 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.

Coota

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/

Disease

Stem Rust resistance*	RMR
Stripe Rust resistance*	S
Leaf Rust resistance*	MR
Yellow Leaf Spot resistance*	MSS
Powdery Mildew resistance*	S
Septoria Tritici Blotch resistance*	S
CCN resistance*	MR
Pratylenchus Neglectus resistance*	MR
Pratylenchus Neglectus tolerance*	MI
Pratylenchus Thornei resistance*	MS
Pratylenchus Thornei tolerance*	MTMI

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^°	I
Black Point resistance*	MS

Legend

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
(P)	Provisional rating
NA	Not Available
/	Pathotype differences
-	Range
,	Mixed phenotype
#	May be more susceptible to alternate pathotypes
*	NVT consensus ratings 2025
°	Rating based on Germination Index Values
^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/TraitRatings

Published August 2025 Publication #25-009

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)

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Varieties denoted by the Φ 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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