

Wheat

Variety fact sheet – South Australia, Victoria & southern NSW

Anapurna



Variety snapshot

- Dual purpose winter wheat, suitable for grazing and grain production
- Awned, red grained, feed quality wheat
- Delivers very high grain yields in long season environments
- Slow winter maturity, similar to RGT Accroc
- Good level of septoria tritici blotch resistance
- Excellent stripe rust resistance
- Maintains high grain yields in the absence of foliar fungicides
- Excellent lodging tolerance in high yield potential environments

Breeder's comments

Along with breeding improved long season wheat varieties in Australia, our winter wheat breeding program at Wagga Wagga works to identify international germplasm that may be adapted to Australian wheat growing environments.

Emerging from a variety exchange with European breeding co-operative and AGT shareholder Limagrain, and through collaboration with the Hyper Yielding project run by Field Applied Research (FAR) Australia, we have identified the European variety Anapurna which excels in very long season, high rainfall environments of Australia.

The performance of Anapurna in the Hyper Yielding trials could not be ignored, and we are very proud to offer Anapurna to growers in high rainfall areas, helping to deliver on our commitment to provide quality varieties to all cropping zones of Australia.

Anapurna is an awned, dual purpose winter wheat variety with similar maturity to RGT Accroc and is largely suited to high rainfall environments throughout the mainland of southern Australia and Tasmania.

Anapurna has a long vegetative growth phase similar to RGT Accroc and SQP Revenue[®], providing a longer safe grazing period compared with mid-winter varieties like EGA Wedgetail[®] and Illabo[®] that reach stem elongation earlier. Its strong vernalisation requirement means Anapurna can be safely planted in early April.

Anapurna also has a useful disease resistance package with good levels of septoria tritici blotch resistance, resulting in high yields being maintained in the absence of foliar fungicide application, despite that growing impact of this disease.

Furthermore, the canopy of Anapurna provides good standability with reduced susceptibility to lodging.

While Anapurna offers many potential benefits to high rainfall croppers, growers should be aware that Anapurna is a red grained wheat that can only be delivered into feed markets.

Anapurna

Table 1. Specifications

Background

Tested as	Anapurna
Released	2020
EPR rate	\$3.20/tonne + GST

Performance

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

Disease

Stem Rust resistance*	MSS
Stripe Rust resistance*	RMR
Leaf Rust resistance*	MS
Yellow Leaf Spot resistance*	MRMS
Powdery Mildew resistance*	RMR
Septoria Tritici Blotch resistance*	MRMS
CCN resistance*	MRMS
Pratylenchus Neglectus resistance*	MS
Pratylenchus Neglectus tolerance*	NA
Pratylenchus Thornei resistance*	S (P)
Pratylenchus Thornei tolerance*	NA
Eyespot resistance*	NA
Crown Rot resistance*	SVS

Plant Characteristics

Maturity speed^	Slow
Maturity habit^	Winter
Sowing window^	Early
Novel herbicide tolerance^	None (conventional tolerance)
Head type^	Awned
Plant height^	Short to moderately short
Coleoptile length^	Short
Lodging tolerance^	TMT

Abiotic Stress

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

Grain Quality

Quality classification	FEED
Screenings level^	Red
Retentions level^	Moderate
Test weight^	Low
Sprouting tolerance^o	MTMI
Black Point resistance*	MSS

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.

Contact

Brad Koster, Variety Support Manager SA:	0400 812 475
Rob Harris, Variety Support Manager Vic:	0429 576 044
Darcey Boucher-Hill, Variety Support Manager, southern NSW:	0418 394 808
AGT End Point Royalty team:	(08) 7111 0201

agtbreeding.com.au

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.