

Coyote[®]



Variety snapshot

- Wide adaptation
- Metribuzin tolerant
- Reduced risk of seed splitting compared with some other varieties
- Susceptible to stem phomopsis
- Slower to reach flowering relative to Mandelup^Φ, slightly slower than PBA Bateman^Φ

Breeder's comments

Coyote[®] offers growers very high and stable yields and is one of the highest yielding lupin varieties across all South Australian, Victorian and NSW lupin growing regions.

Coyote[®] has also shown a lower risk of split seed compared to PBA Jurien[®] and some other varieties, which may help in reducing the risk of poor establishment the following season.

In high rainfall environments where sheep graze lupin stubble over the summer, its is advantageous to monitor crops in season for stem phomopsis. Where the risk of stem phomopsis is high, remove grazing livestock completely. Coyote's[®] resistance to stem phomopsis is lower than Mandelup[®], PBA Bateman[®] and PBA Jurien[®].

The naming convention we have selected for our lupin varieties is Western Australian gold mines, with 'Coyote' being a mine located in the Tanami Desert in the state's north-east.

Table 1. Specifications

Background

Tested as	WALAN2546
Released	2019
EPR rate	\$3.00/tonne + GST

Performance

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

Anthracnose resistance*	MRMS
Cucumber Mosaic Virus resistance*	MRMS
Phomopsis (Pod Infection) resistance*	MRMS
Phomopsis (Stem Infection) resistance*	S
Sclerotinia Stem Rot resistance*	S (P)
Bean Yellow Mosaic Virus resistance*	MR (P)
Grey leaf spot resistance^	NA

Plant Characteristics

Maturity speed^	Quick
Sowing window^	Main & Late
Metribuzin tolerance^	T
Plant height^	Tall
Lodging tolerance^	MT
Flower colour^	Dark purple

Grain Quality

Split seed tolerance^	TMT
Alkaloid content^	Very low

Legend

R	Resistant	VI	Very Intolerant	o	Rating based on Germination Index Values
MR	Moderately Resistant	(P)	Provisional rating		
MS	Moderately Susceptible	NA	Not Available	^	AGT ratings/data interpretation. Comprehensive AGT agronomic trait ratings and data can be found at: https://bit.ly/TraitRatings
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.