

Rosemont[®]



- A very high yielding alternative to PBR Jurien[Ⓟ], Coyote[Ⓟ] and Mandelup[Ⓟ]
- Best performance in softer finishing situations and southern WA environments
- Unique light pink flower and faintly speckled seed
- Metribuzin tolerant
- Excellent early vigour
- Reduced risk of seed splitting compared with PBA Jurien[Ⓟ]
- Taller plant height, may improve harvestability
- Moderately resistant to stem Phomopsis
- Good CMV resistance
- Slightly slower maturity relative to PBA Jurien[Ⓟ], slightly quicker than Coyote[Ⓟ]

Breeder's comments

With unique plant characteristics, Rosemont[®] will be easily distinguished from others, being slightly taller than Coyote[®] and PBA Jurien[®], and a white flower with a slight pink blush, and predominantly white seed, with a faint speckle.

Rosemont[®] offers good seedling establishment and strong early vigour, and unlike PBA Jurien[®], has a low risk of split seed, contributing to the characteristics that result in improved establishment.

Rosemont[®] delivers a robust disease resistance package, with improved stem Phomopsis resistance over Coyote[®], offering peace of mind to growers in higher rainfall areas when looking to graze stubbles.

Rosemont[®] is a widely adapted variety but its best relative performance has been observed in higher rainfall environments and the southern regions of WA.

The naming convention we have selected for our lupin varieties is Western Australian gold mines, with 'Rosemont' being a mine north of the gold fields town of Laverton.

Table 1. Specifications

Background

Tested as	AGTP0054
Released	2023
EPR rate	\$4.50/tonne + GST

Disease

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

Plant Characteristics

Maturity speed^	Quick
Sowing window^	Main & Late
Metribuzin tolerance^	T
Plant height^	Very tall
Lodging tolerance^	MT
Flower colour^	Light pink

Grain Quality

Split seed tolerance^	TMT
Alkaloid content^	Low

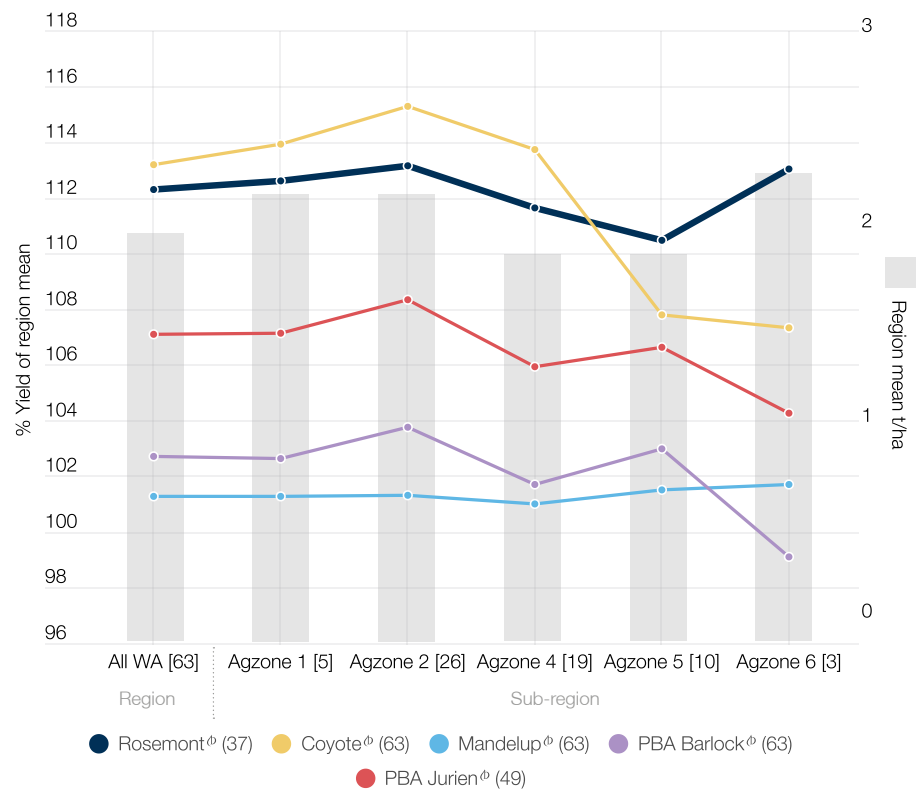
Legend

R	Resistant	VI	Very Intolerant	○	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				

Grain yield

Rosemont^ϕ is a very high yielding lupin variety, excelling across all WA growing regions (Figure 1).

Figure 1. Predicted grain yield of Rosemont^ϕ versus comparators across WA regions



Source: NVT long term MET analysis, main season trial series 2020-2024

[] : Total number of trials per region

() : Number of trials that each variety was present in across the dataset

Variety comparisons

Table 2. Variety comparisons

		Rosemont [Ⓛ]	Coyote [Ⓛ]	Mandelup [Ⓛ]	PBA Barlock [Ⓛ]	PBA Jurien [Ⓛ]
Disease	Anthrachnose resistance*	MRMS	MRMS	MRMS	RMR	RMR
	Cucumber Mosaic Virus resistance*	MR	MRMS	MRMS	MRMS	MS
	Phomopsis (Pod Infection) resistance*	MRMS	MRMS	S	MR	MRMS
	Phomopsis (Stem Infection) resistance*	MR	S	MR	MR	RMR
	Sclerotinia Stem Rot resistance*	S (P)	S (P)	S (P)	S (P)	S (P)
	Bean Yellow Mosaic Virus resistance*	MRMS (P)	MR (P)	S (P)	MS (P)	MRMS (P)
	Grey leaf spot resistance^	NA	NA	NA	NA	NA
Plant Characteristics	Maturity speed^	Quick	Quick	Quick	Quick	Quick
	Sowing window^	Main & Late	Main & Late	Main & Late	Main & Late	Main & Late
	Metribuzin tolerance^	T	T	T	T	T
	Plant height^	Very tall	Tall	Tall	Moderate	Tall
	Lodging tolerance^	MT	MT	MTMI	MT	MI
	Flower colour^	Light pink	Dark purple	Light purple	Light purple	Light purple
Grain Quality	Split seed tolerance^	TMT	TMT	MTMI	MT	I
	Alkaloid content^	Low	Very low	Low	Low	Low



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

Floyd Sullivan, Variety Support Manager, Western Australia:

0499 580 260

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 absence of NVT data, AGT data has been provided.