Variety fact sheet – South Australia, Victoria & NSW

Rosemont[b]

- An alternative to PBR Jurien$^{\Phi}$, Coyote$^{\Phi}$, Mandelup$^{\Phi}$, PBA Bateman$^{\Phi}$ and Lawler$^{\Phi}$
- Best performance in softer finishing situations
- Unique light pink flower and faintly speckled seed
- Metribuzin tolerant
- Excellent early vigour
- Reduced risk of seed splitting compared with PBA Jurien$^{\Phi}$
- Taller plant height, may improve harvestability
- Moderately resistant to stem Phomopsis
- Good CMV resistance
- Slightly slower maturity relative to PBA Jurien$^{\Phi}$, slightly quicker than Coyote$^{\Phi}$

Breeder's comments

With unique plant characteristics, Rosemont$^{\Phi}$ will be easily distinguished from others, being slightly taller than Coyote$^{\Phi}$ and PBA Jurien$^{\Phi}$, and a white flower with a slight pink blush, and predominantly white seed, with a faint speckle.

Rosemont$^{\Phi}$ offers good seedling establishment and strong early vigour, and unlike PBA Jurien$^{\Phi}$, has a low risk of split seed, contributing to the characteristics that result in improved establishment.

Rosemont$^{\Phi}$ delivers a robust disease resistance package, with improved stem Phomopsis resistance over Coyote$^{\Phi}$, offering peace of mind to growers in higher rainfall areas when looking to graze stubbles.

Rosemont$^{\Phi}$ is a widely adapted variety but it's best relative performance has been observed in higher rainfall environments.

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.

Rosemont

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

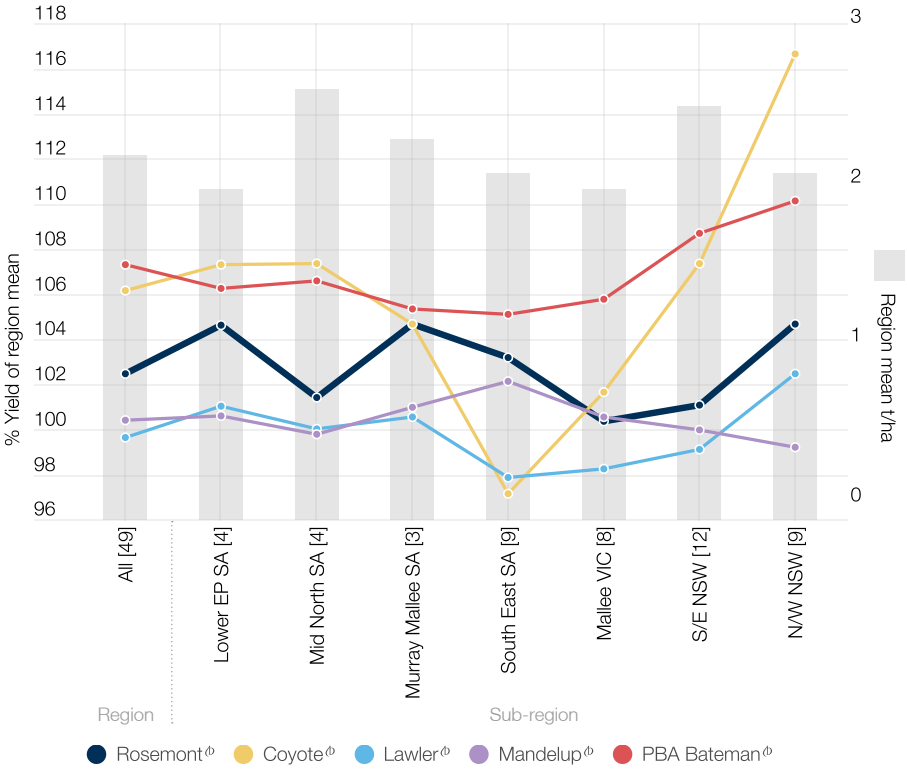
Legend

R	Resistant
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

Grain yield

Rosemont$^{\Phi}$ has recorded it's best relative performance against other varieties in SA's Murray Mallee, lower EP, and South East (Figure 1).

Figure 1. Predicted grain yield of Rosemont$^{\Phi}$ versus comparators across SA/Vic/NSW 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

Disease, quality & agronomic comparisons

Table 2. Variety comparisons

		Rosemont[Φ]	Coyote[Φ]	Lawler[Φ]	Mandelup[Φ]	PBA Bateman[Φ]
Disease	Anthracnose resistance*	MRMS	MRMS	MR	MRMS	MRMS
	Cucumber Mosaic Virus resistance*	MR	MRMS	MRMS	MRMS	MR
	Phomopsis (Pod Infection) resistance*	MRMS	MRMS	MS	S	S
	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)	MS (P)	S (P)	MR (P)
	Grey leaf spot resistance^	NA	NA	NA	NA	NA
Plant Characteristics	Maturity speed^	Quick	Quick	Very 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	Moderate	Tall	Tall
	Lodging tolerance^	MT	MT	MI	MTMI	MT
	Flower colour^	Light pink	Dark purple	Light purple	Light purple	Light purple
Grain Quality	Split seed tolerance^	TMT	TMT	I	MTMI	MI
	Alkaloid content^	Low	Very low	Low	Low	Very low

Published August 2025 Publication #25-084

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 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.

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
Douglas Lush, Variety Support Manager northern NSW/QLD:	0407 177 029
AGT End Point Royalty team:	(08) 7111 0201

agtbreeding.com.au