



# Narrow-Leaf Lupin

Variety guide

NSW, Victoria & SA



- 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<sup>Ⓛ</sup>, slightly slower than PBA Bateman<sup>Ⓛ</sup>

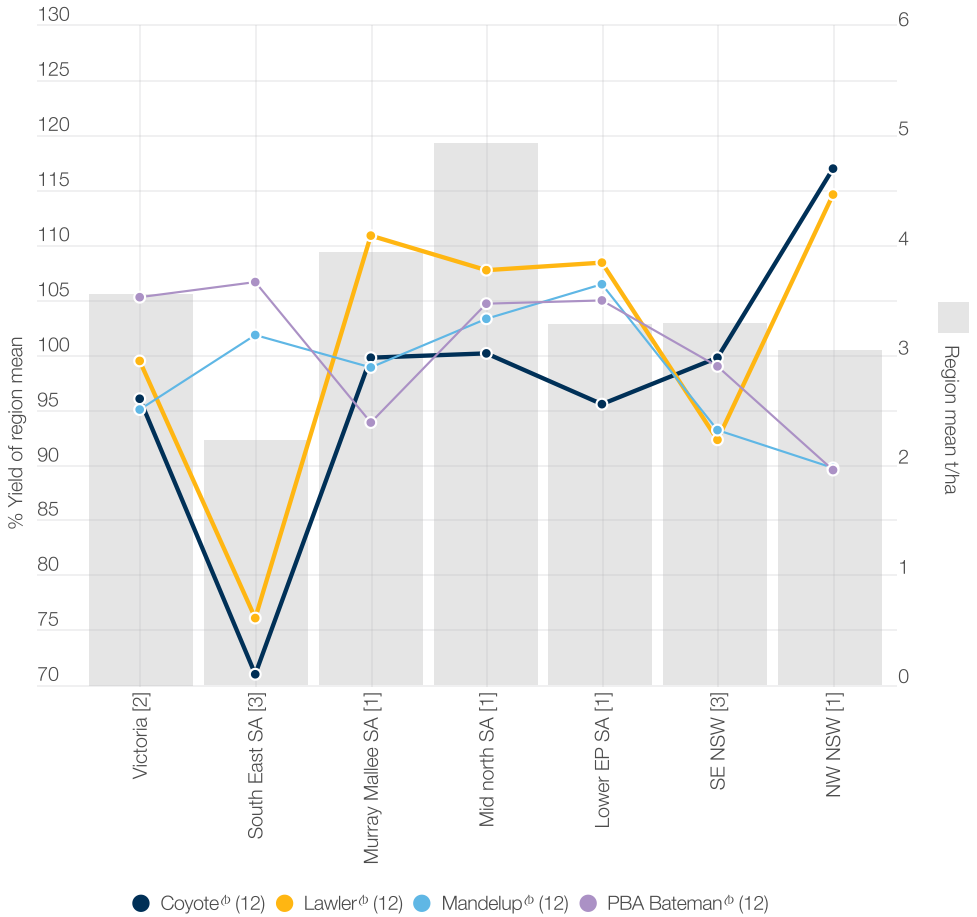


## Lawler<sup>Ⓟ</sup>

- A high yielding alternative to Mandelup, Coyote<sup>Ⓟ</sup> and PBA Bateman<sup>Ⓟ</sup>
- Improved stem *Phomopsis* resistance over Coyote<sup>Ⓟ</sup>
- Widely adapted throughout Eastern Australian lupin growing regions
- Metribuzin tolerant
- Similar maturity compared with Mandelup<sup>Ⓟ</sup>, around 4 days quicker to flower than Coyote<sup>Ⓟ</sup>

# Grain yield

Figure 1. Grain yield across NSW, Vic & SA 2022 – NVT data



Source: NVT 2022 – NSW, Vic & SA trials

[ ] Total number of trials per region

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

## Agronomics

Table 1. Agronomic attribute comparisons

	Coyote <sup>o</sup>	Lawler <sup>o</sup>	Mandelup <sup>o</sup>	PBA Bateman <sup>o</sup>
Metribuzin Tolerance	T	T	T	T
Split Seed	T	MI	MTMI	MTMI
Alkaloid Content	Very Low	Low	Low-Moderate	Low-Moderate
Plant Height	Short-Medium	Short	Medium-Tall	Short
Early Vigour	Good	Good	Very Good	Good
Lodging	MR	MS	MRMS	MRMS
Flower Colour	White-Dark Purple	White-Dark Purple	White-Purple	White-Purple
Seed Coat	Brown Speckle	Brown Speckle	Brown Speckle	Brown Speckle

Source: AGT

## Disease

Table 2. Disease rating comparisons

	Coyote <sup>o</sup>	Lawler <sup>o</sup>	Mandelup <sup>o</sup>	PBA Bateman <sup>o</sup>
Anthracoese	MRMS	MR	MRMS	MRMS
Cucumber Mosaic Virus	MRMS	MR	MS	MR
Grey Spot	R	R	R	R
Pod <i>Phomopsis</i>	MRMS	MS	S	MS
Stem <i>Phomopsis</i>	S	MR	RMR	RMR

R	Resistant	T	Tolerant
MR	Moderately Resistant	MT	Moderately Tolerant
MS	Moderately Susceptible	MI	Moderately Intolerant
S	Susceptible	I	Intolerant
VS	Very Susceptible	VI	Very Intolerant

Source: NVT consensus ratings 2022 and AGT

## Seed Availability, PBR and EPR

Table 3. Variety comparisons

	Coyote <sup>Ⓟ</sup>	Lawler <sup>Ⓟ</sup>
Tested as	WALAN2546	AGTP0006
Released	Spring 2019	Spring 2022
EPR rate per tonne	\$3.00 + GST	\$4.00 + GST
Seed Availability	Affiliates, Retailers & Seed Sharing™	

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 Growers License Agreement that acknowledges that an EPR must be paid on all production other than seed saved for planting.

Commercial quantities of AGT lupin varieties may be available through AGT Affiliates, or your local retailer. AGT lupin varieties can be traded between growers upon the completion of a License Agreement as part of AGT's Seed Sharing™ initiative.



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Disclaimer: 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.