

# Angustifolius lupin variety testing Carnamah

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<b>Purpose:</b>	To test a wide range of current varieties of Angustifolius lupin
<b>Location:</b>	Carnamah, WA
<b>GSR:</b>	271mm

## BACKGROUND SUMMARY

Crop variety testing trials include the latest varieties and older standard varieties against which these are compared.

## TRIAL DESIGN

- Plot size:** 20m x 1.54m
- Replicates:** 3 with each treatment randomised within each replicate.
- Machinery:** Furrow sown using knife points and press wheels
- Seeding rate:** 90 kg/ha.
- Fertiliser:** **At seeding:** CSBP superphos® applied @ 100 kg/ha (6 May)
- Herbicide:** **At seeding:** Treflan® 1.5 L/ha; Simazine 1.5 L/ha  
**Post:** Brodal® 150 mL/ha (4 June); Select® 500 mL/ha (15 Jun)
- Insecticide:** **At seeding:** Dominex® 100 mL/ha

## RESULTS

Variety	Yield (kg/ha)	Yield % of Belara
Jenabillup	1477	131
Mandelup	1368	121
Mandelup	1348	119
Tanjil	1213	107
Belara	1131	100
Coromup	1113	98
Quilinock	920	81
Danja	896	79

\* = significant ( $p=0.05$ ).

## DISCUSSION

Jenabillup performed well across the state in 2009. This variety has good resistance to black pod syndrome which is thought to be associated with bean yellow mosaic virus. Jenabillup has only moderate resistance to anthracnose and tolerance to metribuzin so should be used with caution if sowing in high rainfall blue lupin areas or in paddocks suspect of having large broadleaf weed seed banks. This detracts from Jenabillup in the NAR as broadleaf weeds and blue lupins are the staple for many paddocks.

## ACKNOWLEDGEMENTS

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