

# ANGUSTIFOLIUS LUPIN VARIETY TRIAL

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## AIM

Evaluation of new and existing Angustifolius lupin varieties.

## BACKGROUND

Crop variety testing is the end evaluation of breeder lines prior to release. The crop variety program leads into the National Variety Testing program.

## TRIAL DETAILS

Property	Steve and Lee Anne Carter, Xantippe
Plot size & replication	20m x 1.51m x 3 replications
Soil type	Sandy loam
Sowing date	24/5/07
Seeding rate	90 kg/ha
Fertiliser (kg/ha)	24/5/07: 80 kg/ha Big Phos
Paddock rotation	2003 = Pasture, 2004 = Pasture, 2005 = Pasture, 2006 = Wheat
Herbicides	24/5/07: 2 L/ha Sprayseed 24/5/07: 1.1 kg/ha Gesatop
Insecticides:	24/5/07: 100 mL/ha Talstar
Growing Season Rainfall	113mm

## RESULTS

**Table 1:** Yield and yield as a percentage of control of lupin varieties sown at East Dalwallinu.

Variety	Yield (kg/ha)	% of Control (Tanjil)
Jenabillup	213	168*
Mandelup	187	148*
Quilinoch	184	145*
Belara	170	134*
Coromup	155	122
Tanjil	127	100
Danja	120	95
* = significant (p=0.05).		
Mean	181	
Av. SED	21	
CV	14	

## COMMENTS

Pre Sowing: Dry seeded.  
Early Season: 1st section sand blasted.  
Mid Season: Dry very short.  
Pre Harvest: Some aborting of flowers due to hot conditions.

## CONTACT

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