

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*
Quilinoock	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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