

LUPIN VARIETY TRIAL - MARCHAGEE

Crop Variety Testing Program, Department of Agriculture and Food, WA



Department of
Agriculture and Food



AIM

Evaluation of new and existing *Angustifolius* Lupin varieties.

BACKGROUND

Crop variety testing is the end evaluation of breeder lines prior to release.

TRIAL DETAILS

Property	Clint, Ian & Helen Hunt, Marchagee
Plot size & replication	20m x 1.54m x 3 replicates
Soil type	Deep yellow sand
Sowing date	1/5/08
Seeding rate	90 kg/ha
Fertiliser	1/4/08: 100 kg/ha Super Potash 5:1 1/5/08: 100 kg/ha Super phos
Paddock rotation	2004 = Lupins, 2005 = Wheat, 2006 = Wheat, 2007 = Wheat
Herbicides, Insecticides & Fungicides	24/4/08: 100 ml/ha Lorsban, 1 L/ha Roundup, 1.5 L/ha Simazine 6/6/08: 500 mL/ha Nitro 240, 500 mL/ha Enhance
Growing Season Rainfall	324mm

RESULTS

Table 1: Yield, quality and grade of Lupins sown at Marchagee.

Variety	Yield (kg/ha)	% of control (Tanjil)
Jenabillup	2483	110
WALAN2334	2478	110
Filler	2467	109
WALAN2333	2467	109
Mandelup	2396	106
WALAN2336	2364	105
WALAN2289	2271	100
Tanjil	2261	100
WALAN2294	2215	98
WALAN2284	2149	95
Coromup	2122	94
WALAN2274	2092	93
WALAN2291	2072	92
WALAN2303	2061	91
WALAN2275	2020	89
WALAN2318	1995	88
Quilinock	1799	80*
Belara	1706	75*
WALAN2299	1690	75*
* = Significantly different (P=0.05)		
Lupins Mean	2173	
Lupins Ave SED	140	
Lupins CV	7.9	

CONTACT

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