

Stage 4 Lupin Variety Testing

Aim: Evaluate new and existing lupin varieties.

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Company: Department of Agriculture



Department of Agriculture
Government of Western Australia



Farmer: Bruce White
Location: Carnamah

Trial Details:

Registered Trial No:	04CH58
Soil group	Coloured deep sand. Soil pH (CaCl ₂) 4.7 @ 10cm, 5.3 @ 30cm
Sowing date	10 th May 2004
Seeding rate	90 kg/ha
Fertiliser	10 th May: Superphosphate @ 100 kg/h
Rotation	2003 = wheat, 2002 = lupins, 2001 = wheat,
Sprays	1 st May: Rovral (250 g/L) & Thiraflo (600 g/L) @ 1 m/kg 10 th May: Treflan @ 1.5 L/ha, Sprayseed @ 1.5 L/ha 14 th June: Brodal @ 150 mL/ha 9 th July: Select @ 250 mL/ha

Results:

Test name	Grain kg/ha	%
Mandelup	2047	103
Tanjil	1996	100
Quilinoch	1924	96
Wonga	1924	96
Kalya	1893	95
Belara	1883	94
Merrit	1667	84*
Danja	1646	82*
Jindalee	844	42*

* = significant (p=0.05). Lupin mean = 1833, Lupin Av.SED = 91, Lupin CV. = 6.1
Adjusted data. Percentages are of Tanjil as control.

Summary:

- The trial germinated well with a good start to the season and weeds were controlled with sprays.

Report as at 08:12:37 17 DEC 2004 analysis as at 09 DEC 2004.