

Stage 4 Lupin Crop Variety Testing

Aim: To evaluate new and commonly grown lupin varieties in a low rainfall environment

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Company: Department of Agriculture, CVT



Farmer: Ian Stanley
Location: Goodlands Rd, Kalannie

Trial Details:

Registered Trial No:	03WH55
Soil group	Coloured deep sand. Soil pH (CaCl ₂) 5.4 @10cm, 4.4 @ 30cm.
Sowing date	30 th : May 2003
Seeding rate	90 kg/ha
Fertiliser	30 th May: Big Phos Manganese @ 85 kg/ha
Rotation	2002 = Wheat, 2001 = Lupins
Sprays	10 th April: Thiram @ 170 mL/kg on 10 th April: Rovral @ 100 mL/kg on 17 th May: Wipeout 450 @ 1.2 L/ha on 30 th May: Sprayseed 250 @ 1.6 L/ha on 30 th May: Gesatop @ 1.1 L/ha on 18 th July: Select @ 250 mL/ha on 30 th July: Brodal @ 150 mL/ha on 30 th May: Talstar @ 100 mL/ha on 16 th September: Pirimor @ 300 g/ha on

Results:

Test Name	Grain kg/ha 18 th Dec	%	Height Measure (Ext) 18 th Nov	%
Quilinoch	1026	126*	55	110
Kalya	1009	124*	55	110
Belara	935	115	60	120
WALAN2141	935	115	50	100
Myallie	905	111	60	120
Tanjil	815	100	50	100
Gungurru	815	100	50	100
Danja	815	100	60	120
Merrit	784	96	50	100
Jindalee	664	82*	60	120
* = significant (p=0.05)				
Lupins Mean	864		55	
Lupins Av.SED	103			
Lupins CV.	14.6		0.0	

Adjusted data. Percentages are of Tanjil as control. Report as at 15th Jan 2004 analysis as at 13th Jan 2004