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## Yields of the Field Experiments 1999

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### 99/W/LP/1 Plant Density - Lupins

#### Rothamsted Research

Rothamsted Research (2000) *99/W/LP/1 Plant Density - Lupins* ; Yields Of The Field Experiments 1999, pp 159 - 160 - DOI: <https://doi.org/10.23637/ERADOC-1-34>

99/R/LP/1

\*\*\* Standard errors of differences of means \*\*\*

**GENOTYPE**

0.851 min.rep  
0.634 max-min

**GENOTYPE**

min.rep Any of the remainder  
max-min LU v any of the remainder

\*\*\*\*\* Stratum standard errors and coefficients of variation \*\*\*\*\*

Stratum	d.f.	s.e.	cv%
BLOCK.WP	114	1.042	30.6
GRAIN MEAN DM% *			
PLOT AREA HARVESTED	0.00010		

99/W/LP/1

LUPINS

PLANT DENSITY

**Object:** To test a range of plant densities of DTN 20 - Woburn, Horsepool Field.

**Sponsors:** I.F. Shield, H.J. Stevenson, J.E. Leach, T. Scott.

**Design:** 3 blocks of 4 plots.

**Whole plot dimensions:** 4.0 x 9.0.

**Treatments:**

DENSITY	Seeds/m <sup>2</sup> :
30	
50	
70	
90	

**Experimental diary:**

25-Aug-98	: B :	: Subsoiled.
08-Sep-98	: B :	: Ploughed.
14-Sep-98	: B :	: Cambridge rolled.
15-Sep-98	: T :	: Rotary harrowed. Drilled, DTN 20, as treatment with the Accord drill.
	: B :	: Spannit at 1.5 l in 200 l.
06-Oct-98	: B :	: Draza at 5.5 kg.
19-Oct-98	: B :	: Stomp 400 SC at 3.3 l in 200 l.
	: B :	: Decis at 300 ml.
23-Nov-98	: B :	: Carbetamex at 3.0 kg in 220 l.
01-Apr-99	: B :	: Lo-Gran 20 WG at 18.75 g in 220 l.
	: B :	: tm)Rovral Flo at 1.0 l in 220 l.
	: B :	: tm)Folicur at 0.5 l in 220 l.
06-May-99	: B :	: tm)Laser at 1.5 l in 200 l.
	: B :	: tm)Cropoil at 2.0 l in 200 l.
18-Jun-99	: B :	: tm)Aphox at 280 g in 200 l.
	: B :	: tm)Enhance at 50 ml in 200 l.
13-Jul-99	: B :	: Folicur at 0.5 l in 200 l.
06-Sep-99	: B :	: Combine harvested, straw chopped.

Previous crops: W. wheat 1998, fallow 1997.