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## Yields of the Field Experiments 2000

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### 00/W/LP/20 Plant Density - Lupins

#### Rothamsted Research

Rothamsted Research (2001) *00/W/LP/20 Plant Density - Lupins* ; Yields Of The Field Experiments 2000, pp 181 - 182 - DOI: <https://doi.org/10.23637/ERADOC-1-55>

00/W/LP/20

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 replicates of 4 plots fully randomised.

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

**Treatments:**

**DENSITY**                      Seeds/m<sup>2</sup>:

20  
40  
60  
80

**Experimental diary:**

10-Sep-99 : B :           : Ploughed.  
14-Sep-99 : T :           : Rotary harrowed. Drilled, DTN 20, as treatment with  
                                  the Accord drill.  
                  : B :           : Spannit at 1.5 l in 200 l.  
17-Sep-99 : B :           : Stomp 400 SC at 5.0 l in 200 l.  
04-Oct-99 : B :           : Draza at 5.5 kg.  
30-Nov-99 : B :           : tm)Carbetamex at 3.0 kg in 220 l.  
                  : B :           : tm)Alpha Simazine 50 SC at 2.3 l in 220 l.  
27-Sep-00 : B :           : Hand harvested.

Previous crops: W. wheat 1998 and 1999.

00/W/LP/20

GRAIN TONNES/HECTARE

\*\*\*\*\* Tables of means \*\*\*\*\*

DENSITY

20	0.31
40	0.58
60	0.78
80	0.80

Mean	0.62
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\*\*\* Standard errors of differences of means \*\*\*

DENSITY

0.262

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

Stratum	d.f.	s.e.	cv%
WP	8	0.321	51.9

GRAIN MEAN DM% 70.1

PLOT AREA HARVESTED 0.00216