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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

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.

CV8

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:  $4.0 \times 9.0$ .

#### Treatments:

90

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

30
50
70

#### 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.
                   : Spannit at 1.5 l in 200 l.
         : B :
                   : Draza at 5.5 kg.
06-Oct-98 : B :
                   : Stomp 400 SC at 3.3 1 in 200 1.
19-Oct-98 : B :
                   : Decis at 300 ml.
          : B :
                   : Carbetamex at 3.0 kg in 220 1.
23-Nov-98 : B :
01-Apr-99 : B :
                   : Lo-Gran 20 WG at 18.75 g in 220 1.
                   : tm) Rovral Flo at 1.0 1 in 220 1.
          : B :
                   : tm) Folicur at 0.5 1 in 220 1.
          : B :
                   : tm) Laser at 1.5 1 in 200 1.
06-May-99 : B :
                   : tm) Cropoil at 2.0 1 in 200 1.
          : B :
                   : tm) Aphox at 280 g in 200 1.
18-Jun-99 : B :
          : B :
                   : tm) Enhance at 50 ml in 200 l.
13-Jul-99 : B :
                   : Folicur at 0.5 1 in 200 1.
06-Sep-99 : B :
                   : Combine harvested, straw chopped.
```

Previous crops: W. wheat 1998, fallow 1997.