Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readible, or you suspect there are some problems, please let us know and we will correct that.



Yields of the Field Experiments 1999



Full Table of Content

99/R/LP/1 Lupin Genotypes - Lupins

Rothamsted Research

Rothamsted Research (2000) 99/R/LP/1 Lupin Genotypes - Lupins; Yields Of The Field Experiments 1999, pp 156 - 158 - DOI: https://doi.org/10.23637/ERADOC-1-34

99/R/BES/2

Experimental diary:

: tm) Folio 575 SC at 2.0 1 in 200 1.

 22-Jun-99 : B :
 : tm) Folio 575 SC at 2.0 1 in 200

 : B :
 : tm) Hallmark at 150 ml in 200 1.

 23-Jun-99 : T : I
 : Irrigated, 22 mm.

 13-Jul-99 : T : I
 : Irrigated, 17 mm.

 02-Aug-99 : T : I
 : Irrigated, 15 mm.

 23-Aug-99 : B :
 : Hand harvested.

Previous crops: S. beans and w. beans 1997, w. wheat 1998.

NOTE: The yield of one plot IRRIGATN U WEEDS - was treated as missing, due to heavy charlock infestation and poor development of crop. An estimated value was used in the analysis.

GRAIN TONNES/HECTARE

**** Tables of means ****

WEEDS IRRIGATN	-	M1	M2	01	02	M1L	M2L	Mean
Ŭ	5.21 6.22	1.55			1.50			
Mean	5.72	2.50	1.52	2.86	1.93	3.78	3.55	3.12

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

IRRIGATN	WEEDS	IRRIGATN		
		WEEDS		
0.268	0.501	0.708		

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

Stratum d.f. s.e. CV% BLOCK.WP 25 0.867 27.8

GRAIN MEAN DM% *

PLOT AREA HARVESTED 0.00010

99/R/LP/1

LUPINS

LUPIN GENOTYPES

Object: To assess the overwinter survival, crop structure, yield potential and maturity date of forty six lines of winter lupins. - Bones Close.

Sponsors: I.F. Shield, H.J. Stevenson.

Design: 3 blocks of 54 plots in an alpha design.

Whole plot dimensions: 2.0 x 5.0.

Treatments:

GENOTYPE

1 to 44 44 different genotypes AG Agena LU Lucyane (tr. Germipro)

Experimental diary:

```
: Ploughed and furrow pressed, started.
29-Aug-98 : B :
30-Aug-98 : B :
                   : Ploughed and furrow pressed, completed.
25-Sep-98 : T :
                   : Rotary harrowed. All genotypes drilled at 40 seeds/m2
                         with the Oyjord drill.
                   : Spannit at 1.5 l in 200 l.
          : B :
29-Jan-99 : B :
                    : tm) Carbetamex at 3.0 kg in 200 1.
                   : tm) Stomp 400 SC at 5.0 1 in 200 1.
16-Mar-99 : B :
                   : Alpha Simazine 50 SC at 2.3 1 in 200 1. : tm) Folicur at 0.5 1 in 200 1.
17-Mar-99 : B :
                   : tm) Rovral Flo at 1.0 1 in 200 1.
          : B :
15-Apr-99 : B :
                   : Lo-Gran 20 WG at 18.75 g in 200 1.
18-Jun-99 : B :
                   : Alto 240 EC at 0.33 1 in 200 1.
                   : tm) Aphox at 280 g in 200 1
          : B :
          : B :
                   : tm) Enhance at 50 ml in 200 l.
23-Aug-99 : B :
                   : Hand harvested genotypes; 3, 9, 12, 19, 20, 21, 35, 41,
                         43, AG, LU.
31-Aug-99 : B :
                   : Hand harvested genotypes: 1, 5, 6, 13, 14, 15, 25, 26,
                         30, 34, 40, 42, 44.
                    : Hand harvested genotypes: 2, 4, 7, 8, 10, 11, 16, 17,
09-Sep-99 : B :
                         18, 22, 23, 24, 27, 28, 29, 31, 32, 33, 36, 37, 38,
```

Previous crops: W. rape 1997, w. rye, s. wheat and w. wheat 1998.

99/R/LP/1

GRAIN TONNES/HECTARE

**** Tables of means ****

	0100 01	mourre
CENT	OMVDE	
GEN	DTYPE 1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 7 18 19 20 1 22 3 24 25 26 7 8 9 0 11 2 3 3 3 4 5 6 7 8 9 0 4 1 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4.09 4.871 4.09 4.871 5.26 4.04 4.04 3.731 4.04 4.04 3.731 3.15 4.13 4.
	43 44 AG LU	4.83 3.37 5.45 3.26 2.89
	riedii	3.41