

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 readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1995

[Full Table of Content](#)



95/R/LP/3 Sowing Dates, Pests and Diseases - Lupins

Rothamsted Research

Rothamsted Research (1996) *95/R/LP/3 Sowing Dates, Pests and Diseases - Lupins* ; Yields Of The Field Experiments 1995, pp 138 - 141 - DOI: <https://doi.org/10.23637/ERADOC-1-50>

96/R/LP/3

Experimental diary:

21-Nov-94 : T : **AUT FUNG** FP: Sportak 45 at 1.1 l in 220 l.
 : T : **AUT FUNG** FD: Plover at 0.3 l in 220 l.
 30-Nov-94 : B : Falcon at 1.0 l in 200 l.
 16-Dec-94 : B : Farmon PDQ at 15.0 l in 900 l, inter-row sprayed using
 dribble bar.
 16-Jan-95 : B : Hand weeding started.
 17-Feb-95 : B : Hand weeding finished.
 13-Mar-95 : B : Atlas Simazine at 2.0 l in 200 l.
 12-Apr-95 : B : Cultar at 0.75 l in 200 l.
 19-Apr-95 : B : Atlas Dimethoate 40 at 850 ml in 200 l.
 23-May-95 : B : Atlas Dimethoate 40 at 850 ml in 200 l.
 20-Jun-95 : B : Corbel at 0.5 l with Tilt Turbo 475 EC at 1.0 l in
 200 l.
 30-Jun-95 : B : Atlas Dimethoate 40 at 850 ml in 200 l.
 16-Aug-95 : B : Combine harvested.

Previous crops: W. wheat 1993, set-aside 1994.

NOTE: Samples were taken in September and October 1994 to assess pest and disease damage. Plant counts and visual assessments of damage were made at intervals.

GRAIN TONNES/HECTARE

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

INS SEED	D-	DI	Mean	
SOW DATE				
E	1.62	1.87	1.75	
L	2.15	2.28	2.22	
Mean	1.89	2.07	1.98	
FNG SEED	DO	DF	Mean	
SOW DATE				
E	1.75	1.75	1.75	
L	2.25	2.18	2.22	
Mean	2.00	1.96	1.98	
FNG SEED	DO	DF	Mean	
INS SEED				
D-	1.93	1.84	1.89	
DI	2.06	2.09	2.07	
Mean	2.00	1.96	1.98	
AUT FUNG	F-	FP	FD	Mean
SOW DATE				
E	1.69	1.98	1.57	1.75
L	2.28	2.38	1.99	2.22
Mean	1.98	2.18	1.78	1.98

96/R/LP/3

GRAIN TONNES/HECTARE

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

AUT FUNG INS SEED	F-	FP	FD	Mean
D-	1.91	1.99	1.76	1.89
DI	2.05	2.37	1.79	2.07
Mean	1.98	2.18	1.78	1.98

AUT FUNG FNG SEED	F-	FP	FD	Mean
DO	1.99	2.20	1.80	2.00
DF	1.98	2.16	1.76	1.96
Mean	1.98	2.18	1.78	1.98

SOW DATE	FNG SEED INS SEED	DO	DF
E	D-	1.64	1.61
	DI	1.85	1.89
L	D-	2.23	2.07
	DI	2.26	2.29

SOW DATE	AUT FUNG INS SEED	F-	FP	FD
E	D-	1.54	1.75	1.58
	DI	1.85	2.21	1.55
L	D-	2.29	2.22	1.94
	DI	2.26	2.53	2.04

SOW DATE	AUT FUNG FNG SEED	F-	FP	FD
E	DO	1.71	1.99	1.53
	DF	1.67	1.98	1.60
L	DO	2.26	2.42	2.06
	DF	2.29	2.34	1.92

INS SEED	AUT FUNG FNG SEED	F-	FP	FD
D-	DO	1.86	2.09	1.85
	DF	1.96	1.89	1.67
DI	DO	2.12	2.32	1.74
	DF	1.99	2.43	1.85

96/R/LP/3

GRAIN TONNES/HECTARE

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

SOW DATE	INS SEED	AUT FUNG FNG SEED	F-	FP	FD
E	D-	DO	1.44	1.77	1.70
		DF	1.64	1.73	1.46
	DI	DO	1.99	2.20	1.36
		DF	1.70	2.23	1.74
L	D-	DO	2.29	2.41	2.00
		DF	2.29	2.04	1.89
	DI	DO	2.24	2.44	2.11
		DF	2.29	2.63	1.96

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

SOW DATE	INS SEED	FNG SEED	AUT FUNG
0.107	0.107	0.107	0.130
SOW DATE	SOW DATE	INS SEED	SOW DATE
INS SEED	FNG SEED	FNG SEED	AUT FUNG
0.151	0.151	0.151	0.184
INS SEED	FNG SEED	SOW DATE	SOW DATE
AUT FUNG	AUT FUNG	INS SEED	INS SEED
		FNG SEED	AUT FUNG
0.184	0.184	0.213	0.261
SOW DATE	INS SEED	SOW DATE	
FNG SEED	FNG SEED	INS SEED	
AUT FUNG	AUT FUNG	FNG SEED	
		AUT FUNG	
0.261	0.261	0.369	

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	23	0.369	18.6
GRAIN MEAN DM%	90.4		
PLOT AREA HARVESTED	0.00144		