

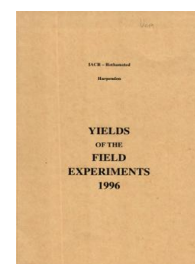
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1996

[Full Table of Content](#)



96/W/RAS/1 Sulphur for Spring Oilseed Rape

Rothamsted Research

Rothamsted Research (1997) *96/W/RAS/1 Sulphur for Spring Oilseed Rape ; Yields Of The Field Experiments 1996*, pp 129 - 130 - DOI: <https://doi.org/10.23637/ERADOC-1-51>

96/W/RAS/1

SPRING OILSEED RAPE

SULPHUR FOR SPRING OILSEED RAPE

Object: To study the effects of rates of sulphur fertilizer on the yield and sulphur content of spring oilseed rape - Woburn, Lansome II.

Sponsors: S.P. McGrath, F. Zhao.

Design: 4 randomised blocks of 6 plots.

Whole plot dimensions: 3.0 x 15.0.

Treatments:

SULPHUR	Sulphur as potassium sulphate (kg S):
S0	0 (duplicated)
S1	10
S2	20
S4	40
S8	80

NOTE: Potassium chloride was applied to balance the potassium to supply 222 kg K₂O.

Experimental diary:

14-Feb-96 : B : Ploughed.
28-Feb-96 : B : Heavy spring-tine cultivated.
02-Apr-96 : B : Portman Trifluralin at 2.0 l in 300 l, rotary harrowed.
03-Apr-96 : T : **SULPHUR** S0, S1, S2, S4: Muriate of potash to balance potassium applied.
 : T : **SULPHUR** S1, S2, S4, S8: Potassium sulphate applied.
 : B : 34.5% N at 145 kg. Starlight, dressed Lindex-Plus FS, drilled at 140 seeds per m².
04-Apr-96 : B : Rolled.
13-May-96 : B : 34.5% N at 290 kg.
13-Jun-96 : B : Fastac at 200 ml in 200 l.
31-Aug-96 : B : Combine harvested.

Previous crops: S. barley 1994, s. rape 1995.

NOTE: Leaves were sampled for nitrogen and sulphur content at flowering. Soil was sampled to measure sulphur content before drilling

96/W/RAS/1

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

SULPHUR

S0	1.91
S1	2.27
S2	2.24
S4	1.89
S8	2.10

Mean	2.05
------	------

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

SULPHUR

0.193	min.rep
0.167	max-min

SULPHUR

min.rep	Any of the remainder
max-min	S0 v any of the remainder

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	16	0.272	13.3
GRAIN MEAN DM%	86.5		
PLOT AREA HARVESTED	0.00286		