

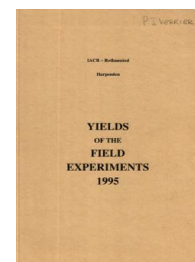
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## Yields of the Field Experiments 1995

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### 95/W/RAS/1 Sulphur for Spring Oilseed Rape - S. Oilseed Rape

#### Rothamsted Research

Rothamsted Research (1996) *95/W/RAS/1 Sulphur for Spring Oilseed Rape - S. Oilseed Rape* ; Yields Of The Field Experiments 1995, pp 119 - 120 - DOI: <https://doi.org/10.23637/ERADOC-1-50>

95/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:**

| <b>SULPHUR</b> | 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 K<sub>2</sub>O.

**Experimental diary:**

- 24-Mar-95 : B : Heavy spring-tine cultivated.
- 03-Apr-95 : T : Potassium chloride applied.
- : T : Sulphur treatments applied.
- : B : Rotary harrowed, Starlight, dressed Lindex-Plus FS, drilled at 150 seeds per m<sup>2</sup>.
- 28-Apr-95 : B : 34.5% N at 290 kg.
- 02-Jun-95 : B : Fastac at 100 ml in 300 l.
- 30-Jun-95 : B : Fastac at 200 ml in 300 l.
- 25-Aug-95 : B : Combine harvested.

Previous crops: W. wheat 1993, s. barley 1994.

95/W/RAS/1

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

**SULPHUR**

|    |      |
|----|------|
| S0 | 0.60 |
| S1 | 0.49 |
| S2 | 0.41 |
| S4 | 0.46 |
| S8 | 0.51 |

|      |      |
|------|------|
| Mean | 0.51 |
|------|------|

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

**SULPHUR**

|       |         |
|-------|---------|
| 0.066 | min.rep |
| 0.057 | max-min |

**SULPHUR**

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

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

| Stratum             | d.f.    | s.e.  | cv%  |
|---------------------|---------|-------|------|
| BLOCK.WP            | 16      | 0.093 | 18.1 |
| GRAIN MEAN DM%      | 77.5    |       |      |
| PLOT AREA HARVESTED | 0.00286 |       |      |