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Yields of the Field Experiments 1999

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99/W/PE/1 Sulphur and Spring Peas - S. Peas

Rothamsted Research

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99/R/LP/7

GRAIN TONNES/HECTARE

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

SOW DATE SEED RAT	E	M	L	Mean
S1	2.08	2.10	1.38	1.86
S2	2.17	2.24	1.90	2.10
S3	2.51	2.30	1.88	2.23
Mean	2.25	2.21	1.72	2.06

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

SEED RAT	SOW DATE	SEED RAT SOW DATE
0.148	0.148	0.256

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	16	0.313	15.2

GRAIN MEAN DM% 77.1

PLOT AREA HARVESTED 0.00184

99/W/PE/1

SPRING PEAS

SULPHUR AND SPRING PEAS

Object: To test sulphur fertilizer on spring peas - Woburn, Butt Close II.

Sponsors: F.J. Zhao.

Design: 3 randomised blocks of 5 plots.

Whole plot dimensions: 3.0 x 12.0.

Treatments:

SULPHUR Sulphur as gypsum (17.5% S) or Thiovit (80% S) kg S:

S0	None
S1	10 as gypsum
S2	20 as gypsum
S4	40 as gypsum
S2T	20 as Thiovit

Experimental diary:

31-Mar-99 : B : : Combination drilled, Eiffel, tr. Thiram, at 80 seeds/m² with the Nordsten drill.

01-Apr-99 : B : : Rolled.

02-Apr-99 : T : S1,S2,S4 : Gypsum applied at 57, 114 and 229 kg respectively.
: T : S2T : Thiovit at 25 kg.

07-Apr-99 : B : : Bullet at 5.0 l in 200 l.

20-May-99 : B : : tm)Fusilade 250 EW 0.75 l in 200 l.
: B : : tm)Enhance at 200 ml in 200 l.

25-May-99 : B : : tm)Ronilan FL at 0.5 l in 200 l.
: B : : tm)Sipcam Rover 500 at 2.0 l in 200 l.
: B : : tm)Hallmark at 150 ml in 200 l.

09-Jun-99 : B : : tm)Vytel Manganese at 2.0 l in 200 l.
: B : : tm)Ronilan FL at 0.5 l in 200 l.
: B : : tm)Sipcam Rover 500 at 2.0 l in 200 l.
: B : : tm)Aphox at 100 g in 200 l.
: B : : tm)Hallmark at 100 ml in 200 l.

30-Jun-99 : B : : tm)Vytel Manganese at 3.0 l in 200 l.
: B : : tm)Hallmark at 70 ml in 200 l.
: B : : tm)Aphox at 140 g in 200 l.

28-Jul-99 : B : : Combine harvested.

Previous crops: W. wheat 1998, fallow 1997.