

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 1984

[Full Table of Content](#)



## 84/R/WW/5 Control of Slugs - W. Wheat

### Rothamsted Research

Rothamsted Research (1985) *84/R/WW/5 Control of Slugs - W. Wheat* ; Yields Of The Field Experiments 1984, pp 230 - 231 - DOI: <https://doi.org/10.23637/ERADOC-1-32>

84/R/WW/5

WINTER WHEAT

CONTROL OF SLUGS

Object: To test seed treatments for the control of slugs in winter wheat - Pastures.

Sponsor: G.C. Scott.

Design: 4 randomised blocks of 9 plots.

Whole plot dimensions: 6.0 x 8.0.

TREATMNT	Treatments to control slugs:
NONE	None
MET 2 SD	Methiocarb seed treatment, 0.2% ai/wt of seed
CAR 1 SD	Cartap seed treatment, 0.1% ai/wt of seed
CAR 2 SD	Cartap seed treatment, 0.2% ai/wt of seed
CAR2+MP	Cartap seed treatment, 0.2% ai/wt of seed + methiocarb pellets drilled with seed
JAP 1 SD	'JAP 1' seed treatment
JAP 2 SD	'JAP 2' seed treatment
MET PDR	Methiocarb pellets drilled with seed
MET PBC	Methiocarb pellets broadcast on 7 Oct, 1983, pre-drilling

Basal applications: Manures: 'Nitro-Chalk' at 750 kg. Weedkillers: Glyphosate at 1.4 kg in 250 l. Chlortoluron at 3.5 kg in 250 l. Mecoprop (as 'CMPP' at 4.2 l) in 250 l. Fungicides: Maneb at 1.6 kg and zineb at 0.17 kg in 250 l with prochloraz at 0.4 kg. Insecticide: Pirimicarb at 0.14 kg in 500 l.

Seed: Norman, sown at 200 kg.

Cultivations, etc.: - Glyphosate applied: 1 Sept, 1983. Heavy spring-tine cultivated twice: 27 Sept. Disced twice: 30 Sept. Rotary harrowed, seed sown: 19 Oct. Chlortoluron applied: 21 Oct. N applied: 9 Apr, 1984. Mecoprop applied: 18 Apr. Fungicides applied: 19 June. Insecticide applied: 28 June. Combine harvested: 22 Aug. Previous crops: Grass/clover ley 1982 and 1983.

NOTE: Slug counts were made before and after drilling. Samples were taken in November for assessment of slug damage to seeds.

84/R/WW/5

GRAIN TONNES/HECTARE

\*\*\*\*\* TABLES OF MEANS \*\*\*\*\*

TREATMNT	
NONE	12.50
MET 2 SD	13.62
CAR 1 SD	12.24
CAR 2 SD	12.53
CAR2+MP	12.62
JAP 1 SD	12.76
JAP 2 SD	12.61
MET PDR	12.26
MET PBC	12.75
MEAN	12.65

\*\*\*\*\* STANDARD ERRORS OF DIFFERENCES OF MEANS \*\*\*\*\*

TABLE	TREATMNT
-----	-----
SED	0.624

\*\*\*\*\* STRATUM STANDARD ERRORS AND COEFFICIENTS OF VARIATION \*\*\*\*\*

STRATUM	DF	SE	CV%
BLOCK.WP	24	0.883	7.0
GRAIN MEAN DM%	86.4		
PLOT AREA HARVESTED	0.00228		