

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 1971

[Full Table of Content](#)



---

### 71/W/CS/33 Rates of Nematicides Dosage - Barley

#### Rothamsted Research

Rothamsted Research (1972) *71/W/CS/33 Rates of Nematicides Dosage - Barley* ; Yields Of The Field Experiments 1971, pp 166 - 167 - DOI: <https://doi.org/10.23637/ERADOC-1-97>

71/W/CS/33

RATES OF NEMATOCIDES DOSAGE

Object: To study the residual effects on yield of barley of several nematocides applied at a range of rates (to potatoes 1969 and sugar beet 1970) - Woburn Butt Close.

The third year, barley.

For previous years see 69/W/CS/33(t) and 70/W/CS/33(t).

Whole plot dimensions: 10.7 x 1.93. Area harvested: 0.00027.

Basal applications: 398 kg (20:10:10). Weedkiller: Ioxynil at 0.525 kg and mecoprop at 1.58 kg in 281 l.

Cultivations, etc.: Ploughed: 10 Dec, 1970. Seed combine drilled at 157 kg: 17 Mar, 1971. Weedkiller applied: 30 Apr. Harvested by hand: 16 Aug. Variety: Julia.

NOTE: Soil samples were taken after harvest for cyst counts.

Standard error per plot.

Grain, tonnes/hectare: Whole plot: 0.361 or 8.0% (26 d.f.)  
Sub plot: 0.430 or 9.5% (28 d.f.)

TL/W/CS/33

SUMMARY OF RESULTS

GRAIN: TONNES/HECTARE

	O	M	D1	D2	D3	D4	T1	T2	T3	T4	Z1	Z2	Z3	Z4	Mean
							(1) and (2)								(±0.069)
R		4.68	4.81	3.99	4.52	4.74	4.22	4.12	4.20	4.70	4.44	4.52	4.62	4.55	4.47
C		4.50	4.59	4.13	4.81	4.52	4.37	4.72	4.53	4.66	4.47	4.86	4.76	4.91	4.60
Mean (±0.209)	4.51	4.59	4.70	4.06	4.67	4.63	4.29	4.42	4.36	4.68	4.46	4.69	4.69	4.73	4.53*

\* General mean

Mean D.M. %: 86.3

(1) (±0.273) For use in horizontal and diagonal comparisons only

(2) (±0.248) For use in vertical and interaction comparisons only