

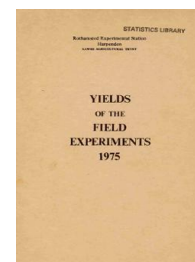
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Yields of the Field Experiments 1975

[Full Table of Content](#)



---

### 75/ R/GC/8 - Garden Clover - Clover

#### Rothamsted Research

Rothamsted Research (1976) 75/ R/GC/8 - Garden Clover - Clover ; Yields Of The Field Experiments 1975, pp 42 - 43 - DOI: <https://doi.org/10.23637/ERADOC-1-141>

75/R/GC/8

GARDEN CLOVER

Object: To study yields and pathogens of red clover grown continuously - Manor Garden.

The 122nd year, red clover.

For previous years see 'Details' 1967, 68/A/8(t) and 69-74/R/GC/8.

Whole plot dimensions: 2.13 x 3.05.

Treatments: Residual effects of fertilisers applied in previous years.

All combinations of:-

1. Nitrogen fertiliser (kg N per cut 1967-72):	NPERCENT(72)
0	0
126	126

2. Magnesium fertiliser (kg Mg/annum 1968-72):	MG(72)
0	0
112	112

NOTE: In 1973 plots which had not previously received magnesium were given a corrective dressing of Mg at 500 kg as Epsom salts.

Basal applications: Manures: (0:14:28) at 540 kg. K<sub>2</sub>O at 75 kg, as muriate of potash, after each cut except the last. Mg at 110 kg, as Epsom salts, half in spring, half after first cut. N at 130 kg, as 'Nitro-Chalk', in spring and after each cut except the last.

Seed: English Broad Red sown at 34 kg.

Cultivations, etc.: - Area hand dug, all plants removed: 21 Oct, 1974.

Basal PK and Mg applied: 1 Apr, 1975. Area raked down to seedbed, seed sown, basal N applied: 24 Apr. Cut: 15 Aug. Basal N, K and Mg applied: 18 Aug. Cut: 6 Oct.

NOTE: Samples of herbage were taken for determination of N, P, K, Ca, Na and Mg.

75/R/GG/8

DRY MATTER TONNES/HECTARE

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

NPERCUT(72)	0		126		
MG(72)	0	112	0	112	MEAN
<hr/>					
1ST CUT (15/8/75)	0.71	0.60	0.64	0.74	0.67
2ND CUT (6/10/75)	0.53	0.49	0.59	0.71	0.58
TOTAL OF 2 CUTS	1.24	1.09	1.23	1.44	1.25

MEAN DM% 1ST CUT: 38.2  
2ND CUT: 16.9  
TOTAL OF 2 CUTS: 27.5