

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 1989

[Full Table of Content](#)



89/R/GC/8 Garden Clover - Clover

Rothamsted Research

Rothamsted Research (1990) *89/R/GC/8 Garden Clover - Clover* ; Yields Of The Field Experiments 1989, pp 32 - 33 - DOI: <https://doi.org/10.23637/ERADOC-1-40>

89/R/GC/8

GARDEN CLOVER

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

The 136th year, red clover.

For previous years see 'Details' 1967 and 1973, and 74-88/R/GC/8.

Design: 2 blocks of 2 plots.

Whole plot dimensions: 1.02 x 1.42.

Treatments:

FUNGICIDE Fungicide, to control *Sclerotinia trifoliorum*:

NONE None

BENOMYL Benomyl at 0.60 kg in 800 l on 14 Oct, 1988, 6 Dec, 3 Jan, 1989, 26 Jan and 8 March

Basal applications: Manures: Chalk at 1.25 t. (0:18:36) at 420 kg. Mg at 50 kg, as Epsom Salts.

NOTE: Additional K was applied to replace that removed by the crop in 1988. **FUNGICIDE** NONE required 882 and 671 kg K₂O to the first and second blocks respectively, **FUNGICIDE** BENOMYL 601 and 571 kg K₂O. This was applied as muriate of potash, one third in spring 1989 and one third after the first and second cuts.

Seed: Hungaropoly, sown at 34 kg in 1987.

Cultivations, etc.:- Chalk, PK and Mg applied: 21 Oct, 1988. K applied: 12 Apr, 1989. Cut and K applied: 1 June, 5 July. Cut: 15 Aug, 25 Sept.

89/R/GC/8

1ST CUT (1/6/89) DRY MATTER TONNES/HECTARE

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

FUNGCIDE	NONE	BENOMYL	Mean
	6.65	6.53	6.59

1ST CUT MEAN DM% 18.1

2ND CUT (5/7/89) DRY MATTER TONNES/HECTARE

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

FUNGCIDE	NONE	BENOMYL	Mean
	1.97	1.92	1.94

2ND CUT MEAN DM% 21.3

3RD CUT (15/8/89) DRY MATTER TONNES/HECTARE

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

FUNGCIDE	NONE	BENOMYL	Mean
	1.51	1.50	1.51

3RD CUT MEAN DM% 23.1

4TH CUT (25/9/89) DRY MATTER TONNES/HECTARE

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

FUNGCIDE	NONE	BENOMYL	Mean
	0.08	0.10	0.09

4TH CUT MEAN DM% 26.1

TOTAL OF 4 CUTS DRY MATTER TONNES/HECTARE

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

FUNGCIDE	NONE	BENOMYL	Mean
	10.21	10.06	10.13

TOTAL OF 4 CUTS MEAN DM% 22.1

PLOT AREA HARVESTED 0.00010