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# Yields of the Field Experiments 2003

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Results of the  
Classical  
and other  
Long-term Experiments  
2003

Rothamsted Research

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

### Rothamsted Research

Rothamsted Research (2004) *03/R/GC/8 - Garden Clover* ; Yields Of The Field Experiments 2003, pp 25 - 25 - DOI: <https://doi.org/10.23637/ERADOC-1-260>

03/R/GC/8

**GARDEN CLOVER**

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

The 150th year, red clover.

For previous years see 'Details' 1967 and 1973, and 74-02/R/GC/8.

**Design:** 2 blocks of 2 plots.

**Whole plot dimensions:** 1.00 x 1.40.

**Treatments:**

**FUNG RES** Residual effects of fungicide to control *Sclerotinia trifoliorum*:

NONE None  
BENOMYL Benomyl sprays during previous winters, last applied November 1989.

**Experimental diary:**

16-Jun-03 First Cut  
11-Jul-03 Applied: Chalk @ 0.63 kg/whole plot  
PK as 0:18:36 @ 0.262kg/whole plot  
Epsom salts @ 0.332kg/whole plot  
04-Aug-03 Second cut

**NOTE:** Clover samples taken for chemical analysis.

**1ST CUT (16/6/03) DRY MATTER TONNES/HECTARE**

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

FUNG RES	NONE	BENOMYL	Mean
	12.51	11.72	12.12

1ST CUT MEAN DM% 21.0

**SECOND CUT (04/8/03) DRY MATTER TONNES/HECTARE**

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

FUNG RES	NONE	BENOMYL	Mean
	8.31	6.37	7.34

2ND CUT MEAN DM% 24.7

**TOTAL OF 2 CUTS DRY MATTER TONNES/HECTARE**

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

FUNG RES	NONE	BENOMYL	Mean
	20.82	18.09	19.46

TOTAL OF 2 CUTS MEAN DM% 22.8

PLOT AREA HARVESTED 0.00010

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