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## Yields of the Field Experiments 1994

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

#### Rothamsted Research

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94/R/GC/8

GARDEN CLOVER

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

The 141st year, red clover.

For previous years see 'Details' 1967 and 1973, and 74-93/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.

**NOTE:** Hungaropoly, sown at 30 kg in 1990.

**Experimental diary:**

03-Nov-93 : B : Chalk at 1.25 t, PK as (0:18:36) at 420 kg and Epsom salts at 530 kg.

07-Jun-94 : B : First cut, hand weeded.

02-Aug-94 : B : Second cut, hand weeded.

18-Aug-94 : T : **FUNG RES** NONE: Muriate of potash at 3970 and 2740 kg to first and second blocks respectively.

: T : **FUNG RES** BENOMYL: Muriate of potash at 2830 and 3010 kg.

02-Nov-94 : B : Third cut.

**NOTE:** Crop samples were taken for chemical analysis.

94/R/GC/8

**1ST CUT (7/6/94) DRY MATTER TONNES/HECTARE**

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

FUNG RES	NONE	BENOMYL	Mean
	5.26	5.10	5.18

1ST CUT MEAN DM% 15.4

**2ND CUT (2/8/94) DRY MATTER TONNES/HECTARE**

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

FUNG RES	NONE	BENOMYL	Mean
	6.52	6.01	6.27

2ND CUT MEAN DM% 25.3

**3RD CUT (2/11/94) DRY MATTER TONNES/HECTARE**

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

FUNG RES	NONE	BENOMYL	Mean
	1.14	1.10	1.12

3RD CUT MEAN DM% 19.1

**TOTAL OF 3 CUTS DRY MATTER TONNES/HECTARE**

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

FUNG RES	NONE	BENOMYL	Mean
	12.92	12.21	12.57

TOTAL OF 3 CUTS MEAN DM% 19.9

PLOT AREA HARVESTED 0.00010