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Yields of the Field Experiments 1993

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93/R/GC/8 Garden Clover - Clover

Rothamsted Research

Rothamsted Research (1994) *93/R/GC/8 Garden Clover - Clover* ; Yields Of The Field Experiments 1993, pp 37 - 38 - DOI: <https://doi.org/10.23637/ERADOC-1-48>

93/R/GC/8

GARDEN CLOVER

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

The 140th year, red clover.

For previous years see 'Details' 1967 and 1973, and 74-92/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:

29-Oct-92 : B : Hand weeded. Chalk at 1.25 t, PK as (0:18:36) at 420 kg
and Epsom salts at 530 kg.

25-Jun-93 : B : First cut, hand weeded.

01-Jul-93 : T : **FUNG RES** NONE: Muriate of potash at 715 and 590 kg to
first and second blocks respectively.

: T : **FUNG RES** BENOMYL: Muriate of potash at 500 and 550 kg.

04-Aug-93 : B : Second cut, hand weeded.

05-Aug-93 : T : **FUNG RES** NONE: Muriate of potash at 715 and 590 kg to
first and second blocks respectively.

: T : **FUNG RES** BENOMYL: Muriate of potash at 500 and 550 kg.

02-Nov-93 : B : Third cut.

NOTE: Crop samples were taken for chemical analysis.

93/R/GC/8

1ST CUT (25/6/93) DRY MATTER TONNES/HECTARE

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

FUNG RES	NONE	BENOMYL	Mean
	8.18	7.05	7.61

1ST CUT MEAN DM% 19.1

2ND CUT (4/8/93) DRY MATTER TONNES/HECTARE

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

FUNG RES	NONE	BENOMYL	Mean
	5.02	5.01	5.02

2ND CUT MEAN DM% 15.2

3RD CUT (2/11/93) DRY MATTER TONNES/HECTARE

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

FUNG RES	NONE	BENOMYL	Mean
	1.63	1.36	1.49

3RD CUT MEAN DM% 21.5

TOTAL OF 3 CUTS DRY MATTER TONNES/HECTARE

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

FUNG RES	NONE	BENOMYL	Mean
	14.83	13.41	14.12

TOTAL OF 3 CUTS MEAN DM% 18.6

PLOT AREA HARVESTED 0.00010