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Yields of the Field Experiments 1992

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92/R/GC/8 Garden Clover - Clover

Rothamsted Research

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92/R/GC/8

GARDEN CLOVER

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

The 139th year, red clover.

For previous years see 'Details' 1967 and 1973, and 74-91/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:

18-Oct-91 : B : Hand weeded. Chalk at 1.25 t, PK as (0:18:36) at 420 kg
and Epsom salts at 530 kg.

23-Apr-92 : B : Hand weeded.

10-Jun-92 : B : First cut.

11-Jun-92 : B : Muriate of potash at 380 kg.

30-Jul-92 : B : Second cut.

18-Aug-92 : B : Muriate of potash at 380 kg.

12-Oct-92 : B : Third cut.

NOTE: Plant samples were chemically analysed.

1ST CUT (10/6/92) DRY MATTER TONNES/HECTARE

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

FUNG RES	NONE	BENOMYL	Mean
	7.29	6.09	6.69

1ST CUT MEAN DM% 17.1

2ND CUT (30/7/92) DRY MATTER TONNES/HECTARE

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

FUNG RES	NONE	BENOMYL	Mean
	8.28	6.88	7.58

2ND CUT MEAN DM% 19.0

92/R/GC/8

3RD CUT (12/10/92) DRY MATTER TONNES/HECTARE

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

FUNG RES	NONE	BENOMYL	Mean
	2.66	1.70	2.18

3RD CUT MEAN DM% 17.5

TOTAL OF 3 CUTS DRY MATTER TONNES/HECTARE

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

FUNG RES	NONE	BENOMYL	Mean
	18.23	14.66	16.45

TOTAL OF 3 CUTS MEAN DM% 17.9

PLOT AREA HARVESTED 0.00010