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Yields of the Field Experiments 2014

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R/GC/8 Garden Clover

Rothamsted Research

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14/R/GC/8

GARDEN CLOVER

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

The 161 st year, red clover.

For previous years see `Details' 1967 and 1973, and Yield books for 74-12/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:

Date		Application	Rate	Units
09-Dec-13	f	Epsom Salts applied @ 50 kg Mg/ha	50	kg/ha
09-Dec-13	f	TSP applied @ 75 kg P2O5/ha	75	kg/ha
09-Dec-13	f	Potassium Sulphate applied @ 150 kg K2)'ha	150	kg/ha
09-Dec-13	f	Applied - Chalk	1.25	t/ha
06-May-14	a	Applied new Netting over experiment	-	-
28-Apr-14	a	First cut	-	-
18-Jun-14	a	Second cut	-	-
01-Aug-14	a	Third cut	-	-
09-Oct-14	a	Fourth cut	-	-

14/R/GC/8

```
1ST CUT (28/04/14) DRY MATTER TONNES/HECTARE

***** Tables of means

Grand mean 4.95

FUNG_RES      NONE    BENOMYL
               4.80      5.11


1st CUT MEAN DM% 13.8
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2nd CUT (18/06/14) DRY MATTER TONNES/HECTARE

***** Tables of means

Grand mean 4.85

FUNG_RES     NONE   BENOMYL
              4.65     5.06

2ND CUT MEAN DM% 17.4


3rd CUT (01/08/14) DRY MATTER TONNES/HECTARE

***** Tables of means

Grand mean 2.85

FUNG_RES     NONE   BENOMYL
              2.83     2.87

3RD CUT MEAN DM% 25.6


4th CUT (09/10/14) DRY MATTER TONNES/HECTARE

***** Tables of means

Grand mean 2.19

FUNG_RES     NONE   BENOMYL
              2.12     2.25

4TH CUT MEAN DM% 22.3


TOTAL OF 4 CUTS DRY MATTER TONNES/HECTARE

***** Tables of means

Grand mean 14.85

 FUNG_RES     NONE   BENOMYL
             14.41    15.28


 TOTAL OF 4 CUTS MEAN DM% 19.7
```


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