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Yields of the Field Experiments 2015

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R/GC/8 Garden Clover

Rothamsted Research

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15/R/GC/8

GARDEN CLOVER

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

The 162nd year, red clover.

For previous years see `Details' 1967 and 1973, and Yield books for 74-14/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				
24/11/2014	f	Epsom Salts applied @ 50 kg Mg/ha	50	kg/ha
24/11/2014	f	TSP applied @ 75 kg P2O5/ha	75	kg/ha
24/11/2014	f	Potassium Sulphate applied @ 150 kg K2)'ha	150	kg/ha
24/11/2014	f	Applied - Chalk	1.25	t/ha
27/05/2015	a	First cut	-	-
02/07/2015	a	Second cut	-	-
17/08/2015	a	Third cut	-	-
03/11/2015	a	Fourth cut	-	-

```
1ST CUT (27/05/15) DRY MATTER TONNES/HECTARE

***** Tables of means

Grand mean 6.02

FUNG_RES      NONE    BENOMYL
               5.90      6.14

1st CUT MEAN DM% 16.6


2nd CUT (02/07/2015) DRY MATTER TONNES/HECTARE

***** Tables of means

Grand mean 2.99

FUNG_RES      NONE    BENOMYL
               3.01      2.97

2ND CUT MEAN DM% 19.1
```


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3rd CUT (17/08/15) DRY MATTER TONNES/HECTARE

***** Tables of means

Grand mean 4.05

FUNG_RES      NONE    BENOMYL
               4.09      4.01

3RD CUT MEAN DM% 19.8


4th CUT (03/11/15) DRY MATTER TONNES/HECTARE

***** Tables of means

Grand mean 0.74

FUNG_RES      NONE    BENOMYL
               0.75      0.73

4TH CUT MEAN DM% 20.5


TOTAL OF 4 CUTS DRY MATTER TONNES/HECTARE

***** Tables of means

Grand mean 13.80

 FUNG_RES      NONE    BENOMYL
              13.74     13.86


 TOTAL OF 4 CUTS MEAN DM% 19.0
```


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