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Yields of the Field Experiments 2010

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Results of the
Classical and other
Long-term Experiments

2010

R/GC/8 Garden Clover

Rothamsted Research

Rothamsted Research (2011) *R/GC/8 Garden Clover* ; Yields Of The Field Experiments 2010, pp 32 - 33 - DOI: <https://doi.org/10.23637/ERADOC-1-220>

10/R/GC/8

GARDEN CLOVER

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

The 157th year, red clover.

For previous years see `Details' 1967 and 1973, and Yield books for 74-09/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 <i>Sclerotinia trifoliorum</i> :
NONE	None
BENOMYL	Benomyl sprays during previous winters, last applied November 1989.

Experimental diary:

			Rate	Unit
02/12/2009	f	Potassium Sulphate	300.00	kg/ha
	f	Chalk	1000.00	kg/ha
	f	Triple Superphosphate	158.00	kg/ha
	f	Magnesium Sulphate	520.00	kg/ha
17-May-10	a	First Cut		
26-Jun-10	a	Second Cut		
24-Aug-10	a	Third Cut		

NOTE: Samples of clover taken from each cut for chemical analysis

1ST CUT (17/05/10) DRY MATTER TONNES/HECTARE

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

Grand mean	4.71		
FUNG_RES	NONE	BENOMYL	
	4.95	4.46	

1ST CUT MEAN DM% 17.2

10/R/GC/8

SECOND CUT (26/06/10) DRY MATTER TONNES/HECTARE

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

Grand mean 4.59

FUNG_RES	NONE	BENOMYL
	4.53	4.65

2ND CUT MEAN DM% 20.8

THIRD CUT (24/08/10) DRY MATTER TONNES/HECTARE

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

Grand mean 3.83

FUNG_RES	NONE	BENOMYL
	4.38	3.29

3RD CUT MEAN DM% 26.9

TOTAL OF 3 CUTS DRY MATTER TONNES/HECTARE

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

Grand mean 13.13

FUNG_RES	NONE	BENOMYL
	13.86	12.41

TOTAL OF 3 CUTS MEAN DM% 21.6

PLOT AREA HARVESTED CUT 1, 2 & 3 0.00014