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Yields of the Field Experiments 2009

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Results of the
Classical and other
Long-term Experiments
2009

R/GC/8 Garden Clover

Rothamsted Research

Rothamsted Research (2010) *R/GC/8 Garden Clover* ; Yields Of The Field Experiments 2009, pp 32 - 33 - DOI: <https://doi.org/10.23637/ERADOC-1-219>

09/R/GC/8

GARDEN CLOVER

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

The 156th year, red clover.

For previous years see `Details' 1967 and 1973, and Yield books for 74-08/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
20-Jan-09	f	Triple Superphosphate	75.00	t/ha
	f	Chalk	1.25	t/ha
	f	Magnesium Sulphate	50.00	t/ha
	f	Potassium Sulphate	150.00	t/ha
12-May-09	a	First cut		
30-Jun-09	a	Second cut		
19-Aug-09	a	Third cut		

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

1ST CUT (12/05/09) DRY MATTER TONNES/HECTARE

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

Grand mean 3.98

FUNG_RES	NONE	BENOMYL
	4.22	3.73

1ST CUT MEAN DM% 17.9

09/R/GC/8

SECOND CUT (30/06/09) DRY MATTER TONNES/HECTARE

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

Grand mean 4.06

FUNG_RES	NONE	BENOMYL
	4.29	3.82

1ST CUT MEAN DM% 19.5

THIRD CUT (19/08/09) DRY MATTER TONNES/HECTARE

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

Grand mean 2.35

FUNG_RES	NONE	BENOMYL
	2.38	2.32

3RD CUT MEAN DM% 22.5

TOTAL OF 3 CUTS DRY MATTER TONNES/HECTARE

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

Grand mean 10.38

FUNG_RES	NONE	BENOMYL
	10.89	9.87

TOTAL OF 3 CUTS MEAN DM% 20.0

PLOT AREA HARVESTED CUT 1,2 & 3 0.00014