

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

# Yields of the Field Experiments 2012

[Full Table of Content](#)



Results of the  
Classical and other  
Long-term Experiments  
2012

---

## R/GC/8 Garden Clover

### Rothamsted Research

Rothamsted Research (2013) *R/GC/8 Garden Clover* ; Yields Of The Field Experiments 2012, pp 36 - 37 - DOI: <https://doi.org/10.23637/ERADOC-1-222>

12/R/GC/8

**GARDEN CLOVER**

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

The 159<sup>th</sup> year, red clover.

For previous years see `Details' 1967 and 1973, and Yield books for 74-11/R/GC/8.

**Design:** 2 blocks of 2 plots.

**Whole plot dimensions:** 1.00 x 1.40.

**Treatments:**

<b>FUNG RES</b>	Residual effects of fungicide to control <i>Sclerotinia trifoliorum</i> :
NONE	None
BENOMYL	Benomyl sprays during previous winters, last applied November 1989.

**Experimental diary:**

Date		Application	Rate	Units
19-Jan-12	f	Applied Magnesium Sulphate	520	kg/ha
19-Jan-12	f	Applied TSP	158	kg/ha
19-Jan-12	f	Applied Potassium Sulphate	300	kg/ha
19-Jan-12	a	Applied Chalk	1.25	t/ha
01-Jun-12	a	First cut	-	
11-Jul-12	a	Second cut	-	
05-Sep-12	a	Third cut	-	
08-Oct-12	p	Sprayed w/ Rosate 36	6	l/ha

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

**12/R/GC/8**

**1ST CUT (01/6/12) DRY MATTER TONNES/HECTARE**

**\*\*\*\*\* TABLES OF MEANS**

Grand mean 3.88

FUNG_RES	NONE	BENOMYL
	3.99	3.78

1ST CUT MEAN DM% 20.3

**SECOND CUT (11/7/12) DRY MATTER TONNES/HECTARE**

**\*\*\*\*\* TABLES OF MEANS \*\*\*\*\***

Grand mean 3.84

FUNG_RES	NONE	BENOMYL
	3.77	3.92

2ND CUT MEAN DM% 15.3

**THIRD CUT (05/9/12) DRY MATTER TONNES/HECTARE**

**\*\*\*\*\* TABLES OF MEANS \*\*\*\*\***

Grand mean 3.27

FUNG_RES	NONE	BENOMYL
	3.35	3.19

3RD CUT MEAN DM% 22.2

**TOTAL OF 3 CUTS DRY MATTER TONNES/HECTARE**

**\*\*\*\*\* TABLES OF MEANS**

Grand mean 10.99

FUNG_RES	NONE	BENOMYL
	11.10	10.88

TOTAL OF 3 CUTS MEAN DM% 19.3

PLOT AREA HARVESTED CUT 1, 2 & 3 - 0.00014