*This work is licensed under a Creative Commons Attribution 4.0 International License.*

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 readible, or you suspect there are some problems, please let us know and we will correct that.

# Yields of the Field Experiments 2009

*Full Table of Content*

## 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**

*This work is licensed under a Creative Commons Attribution 4.0 International License.*

## 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 *Sclerotinia trifoliorum*: |
| 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
```



*https://doi.org/10.23637/ERADOC-1-219* 

*This work is licensed under a Creative Commons Attribution 4.0 International License.*

**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
```



*https://doi.org/10.23637/ERADOC-1-219* 