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# Yields of the Field Experiments 2002

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Yields of the  
Classical  
and other  
Long-term Experiments  
2002

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## 02/R/GC/8 - Garden Clover

### Rothamsted Research

Rothamsted Research (2003) *02/R/GC/8 - Garden Clover* ; Yields Of The Field Experiments 2002, pp 24 - 25 - DOI: <https://doi.org/10.23637/ERADOC-1-259>

02/R/GC/8

GARDEN CLOVER

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

The 149th year, red clover.

For previous years see 'Details' 1967 and 1973, and 74-00/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:**

|           |       |                                                   |
|-----------|-------|---------------------------------------------------|
| 14-Apr-02 | : B : | : Area hand weeded, lightly cultivated and raked. |
| 30-May-02 | : B : | : First cut.                                      |
| 17-Jul-02 | : B : | : Second cut.                                     |
| 06-Sep-02 | : B : | : Third cut.                                      |

**NOTE:** Clover samples taken for chemical analysis.

02/R/GC/8

1ST CUT (30/5/02) DRY MATTER TONNES/HECTARE

| FUNG RES | NONE | BENOMYL | Mean |
|----------|------|---------|------|
|          | 3.96 | 4.09    | 4.02 |

1ST CUT MEAN DM% 17.9

2ND CUT (17/7/02) DRY MATTER TONNES/HECTARE

| FUNG RES | NONE | BENOMYL | Mean |
|----------|------|---------|------|
|          | 5.43 | 5.27    | 5.35 |

2ND CUT MEAN DM% 16.1

3RD CUT (6/9/02) DRY MATTER TONNES/HECTARE

| FUNG RES | NONE | BENOMYL | Mean |
|----------|------|---------|------|
|          | 3.73 | 3.64    | 3.69 |

3RD CUT MEAN DM% 17.9

TOTAL OF 3 CUTS DRY MATTER TONNES/HECTARE

| FUNG RES | NONE  | BENOMYL | Mean  |
|----------|-------|---------|-------|
|          | 13.12 | 13.00   | 13.06 |

TOTAL OF 3 CUTS MEAN DM% 17.3