

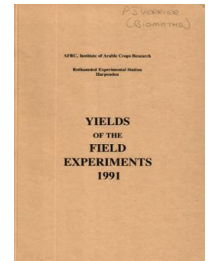
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# Yields of the Field Experiments 1991

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

### Rothamsted Research

Rothamsted Research (1992) *91/R/GC/8 Garden Clover - Clover* ; Yields Of The Field Experiments 1991, pp 31 - 32 - DOI: <https://doi.org/10.23637/ERADOC-1-46>

91/R/GC/8

# GARDEN CLOVER

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

The 138th year, red clover.

For previous years see 'Details' 1967 and 1973, and 74-90/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.

**Basal applications:** Manures: Chalk at 1.25 t. (0:18:36) at 420 kg.  
Mg at 50 kg, as Epsom Salts.

**NOTE:** Additional K was applied to replace that removed by the crop in 1990. **FUNG RES** NONE required 157 and 129 kg K2O to the first and second blocks respectively, **FUNG RES BENOMYL** 136 and 124 kg K2O. This was applied as muriate of potash, one third in spring 1991 and one third after the first and second cuts.

**Seed:** Hungaropoly, sown at 30 kg in 1990.

**Cultivations, etc.:-** Chalk, P, K and Mg applied: 23 Oct, 1990. Hand weeded: 13 Mar, 1991. K applied: 11 Apr. Cut, weeded and K applied: 5 June, 25 July. Cut and weeded: 20 Sept.

91/R/GC/8

**1ST CUT (5/6/91) DRY MATTER TONNES/HECTARE**

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

| FUNG RES | NONE | BENOMYL | Mean |
|----------|------|---------|------|
|          | 8.31 | 7.86    | 8.09 |

1ST CUT MEAN DM% 14.5

**2ND CUT (25/7/91) DRY MATTER TONNES/HECTARE**

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

| FUNG RES | NONE | BENOMYL | Mean |
|----------|------|---------|------|
|          | 6.98 | 6.12    | 6.55 |

2ND CUT MEAN DM% 13.5

**3RD CUT (20/9/91) DRY MATTER TONNES/HECTARE**

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

| FUNG RES | NONE | BENOMYL | Mean |
|----------|------|---------|------|
|          | 5.06 | 4.11    | 4.58 |

3RD CUT MEAN DM% 18.7

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

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

| FUNG RES | NONE  | BENOMYL | Mean  |
|----------|-------|---------|-------|
|          | 20.35 | 18.09   | 19.22 |

TOTAL OF 3 CUTS MEAN DM% 15.6

PLOT AREA HARVESTED 0.00010