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Yields of the Field Experiments 1998

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98/R/GC/8 Garden Clover - Clover

Rothamsted Research

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98/R/GC/8

GARDEN CLOVER

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

The 145th year, red clover.

For previous years see 'Details' 1967 and 1973, and 74-97/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:

29-May-98 : B : First cut, hand weeded.
05-Aug-98 : B : Second cut, hand weeded.
29-Sep-98 : B : Third cut.

NOTE: Clover samples were taken for chemical analysis.

98/R/GC/8

1ST CUT (29/5/98) DRY MATTER TONNES/HECTARE

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

| FUNG RES | NONE | BENOMYL | Mean |
|----------|------|---------|------|
| | 6.93 | 7.08 | 7.01 |

1ST CUT MEAN DM% 16.1

2ND CUT (5/8/98) DRY MATTER TONNES/HECTARE

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

| FUNG RES | NONE | BENOMYL | Mean |
|----------|------|---------|------|
| | 6.26 | 5.30 | 5.78 |

2ND CUT MEAN DM% 23.5

3RD CUT (29/9/98) DRY MATTER TONNES/HECTARE

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

| FUNG RES | NONE | BENOMYL | Mean |
|----------|------|---------|------|
| | 2.03 | 2.28 | 2.15 |

3RD CUT MEAN DM% 17.8

TOTAL OF 3 CUTS DRY MATTER TONNES/HECTARE

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

| FUNG RES | NONE | BENOMYL | Mean |
|----------|-------|---------|-------|
| | 15.22 | 14.65 | 14.94 |

TOTAL OF 3 CUTS MEAN DM% 19.1

PLOT AREA HARVESTED 0.00010