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Results of the Classical and Other Long-term Experiments 2004

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Long-term Experiments

Rothamsted Resear

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Rothamsted Research

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04/R/GC/8

GARDEN CLOVER

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

The 151st year, red clover.

For previous years see `Details' 1967 and 1973, and 74-03/R/GC/8.

Design: 2 blocks of 2 plots.

Whole plot dimensions: 1.00×1.40 .

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:

16-Jun-04 First Cut 22-Sep-04 Second Cut

04/R/GC/8

1ST CUT (16/6/04) DRY MATTER TONNES/HECTARE

**** Tables of means ****

FUNG_RES NONE BENOMYL Mean

9.17 6.47 7.82

1ST CUT MEAN DM% 21.7

1ST CUT PLOT AREA HARVESTED 0.00010

2ND CUT 22/09/04) DRY MATTER TONNES/HECTARE

**** Tables of means ****

FUNG_RES NONE BENOMYL Mean

4.80 3.17 3.98

2ND CUT MEAN DM% 48.0

2ND CUT PLOT AREA HARVESTED 0.00014

TOTAL OF 2 CUTS DRY MATTER TONNES/HECTARE

**** Tables of means ****

FUNG_RES NONE BENOMYL Mean

13.97 9.64 11.81

TOTAL OF 2 CUTS MEAN DM% 34.8