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Results of the Classical and Other Long-term Experiments 2021



Results of the
Classical and other
Long-Term Experiments
2021

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21/R/GC/8 - Garden Clover (Manor Garden)

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Results of the Classics and other Long-Term Experiments 2021

21/R/GC/8

21/R/GC/8 GARDEN CLOVER (Manor Garden)

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

The 168th year, red clover.

For previous years see 'Details' 1967 and 1973, and Yield books for 74-20/R/GC/8.

Design: 2 blocks of 2 plots.

Whole plot dimensions: 1.00 m × 1.40 m.

Treatments:

Residual effects of fungicide to control *Sclerotinia trifoliorum*:

NONE None

Benomyl sprays during previous winters, last applied November 1989.

Experimental Diary

| Date | Application | Rate | Unit |
|------------|--|------|-------|
| 13/11/2020 | f Applied Triple Superphosphate (TSP): By Hand | 75 | kg/ha |
| 13/11/2020 | f Applied Epsom Salts: By Hand | 50 | kg/ha |
| 13/11/2020 | f Applied Sulphate of Magnesia: By Hand | 150 | kg/ha |
| 13/11/2020 | f Applied Chalk: By Hand | 1.25 | kg/ha |
| 01/06/2021 | a Harvest by hand: 1st Cut | - | - |
| 14/07/2021 | a Harvest by hand: 2nd Cut | - | - |
| 23/09/2021 | a Harvest by hand: 3rd Cut | - | - |

Yields

Dry Matter, Tonnes/Hectare

| Cut | Date | Grand Mean | FUNG_RES | | Mean DM% |
|-----------------|-------------------|------------|----------|---------|----------|
| | | | NONE | BENOMYL | |
| 1st | 01 June 2021 | 3.68 | 3.54 | 3.82 | 12.7 |
| 2nd | 14 July 2021 | 2.62 | 2.80 | 2.44 | 17.6 |
| 3rd | 23 September 2021 | 1.21 | 1.21 | 1.20 | 19.9 |
| Total of 3 cuts | | 7.50 | 7.55 | 7.46 | 16.7 |