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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)

### Rothamsted Research

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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 168<sup>th</sup> 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