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71/R/GC/8 Garden Clover - Clover

Rothamsted Research

Rothamsted Research (1972) *71/R/GC/8 Garden Clover - Clover* ; Yields Of The Field Experiments 1971, pp 39 - 39 - DOI: <https://doi.org/10.23637/ERADOC-1-97>

71/R/GC/8

GARDEN CLOVER

Object: To study the effects of nitrogen and magnesium on continuous red clover - Manor Garden.

The 118th year, red clover.

For previous years see 'Details' 1967, 68/A/8(t) and 69-70/R/GC/8.

Whole plot dimensions: 2.13 x 3.05. Area harvested: 0.00010.

Cultivations, etc.: Area hand dug, all plants removed: 14 Oct, 1970. Basal PK and test Mg applied: 11 Mar, 1971. Area raked down to seedbed, seed sown at 33.6 kg, test N applied: 2 Apr. Cut, basal K, test N and Mg applied: 15 July. Cut second time, basal K and test N applied: 23 Aug. Cut third time: 6 Oct. Variety: Essex Broad Red.

NOTE: Samples of herbage were taken for determinations of N, P, K, Ca, Na and Mg.

SUMMARY OF RESULTS

DRY MATTER: TONNES/HECTARE

	NOMg0	N1Mg0	NOMg1	N1Mg1	Mean
1st cut	1.73	2.89	3.09	3.07	2.70
2nd cut	1.87	2.17	2.74	2.37	2.29
3rd cut	1.14	1.30	1.27	1.37	1.27
Total of 3 cuts	4.74	6.36	7.11	6.81	6.25

Mean D.M. %: 1st cut: 26.0
 2nd cut: 12.6
 3rd cut: 18.3
 Total of 3 cuts: 19.0