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72/R/GC/8 Garden Clover - Red Clover

Rothamsted Research

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72/R/GC/8

GARDEN CLOVER

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

The 119th year, red clover.

For previous years see 'Details' 1967, 68/A/8(t) and 69-71/R/GC/8.

Whole plot dimensions: 2.13 x 3.05. Area harvested: 0.00007.

Seed: English Leafy Broad Red, sown at 34 kg.

Cultivations, etc.: Area hand dug, all plants removed: 7 Oct, 1971.

Basal PK and test Mg applied: 13 Mar, 1972. Area raked down to seedbed, seed sown, test N applied: 24 Mar. Cut, basal K, test N and Mg applied: 3 Aug. Cut, basal K, test N applied: 21 Sept. Cut: 13 Oct.

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

TABLES OF MEANS

DRY MATTER: TONNES/HECTARE

	NOMg0	NOMg1	N1Mg0	N1Mg1	Mean
1st cut	1.33	1.57	2.27	2.91	2.02
2nd cut	1.35	1.60	1.77	1.95	1.67
3rd cut	0.46	0.41	0.58	0.60	0.51
Total of 3 cuts	3.14	3.58	4.62	5.47	4.20

Mean D.M. %: 1st cut: 21.8
 2nd cut: 17.9
 3rd cut: 18.8
 Total of 3 cuts: 19.5