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Numerical Results of the Field Experiments 1968

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68/A/8 Rothamsted Garden - Clover

Rothamsted Research

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68/A/8.1

CLOVER - ROTHAMSTED GARDEN

(EGC)

The 115th year

(Revised 1968)

For history etc., see 'Details' 1967.

Basal applications: 0.6 cwt P205, 1.2 cwt K20 applied as (0:14:28) in winter 0.6 cwt K20 as muriate of potash after each cut except the last.

Test of N x Mg: The test of 0 (NO) v 1.0 (N1) cwt N per cut introduced in 1967 is continued. A further test of 0 (MgO) v 100 (Mg1) lb Mg as sulphate of magnesia ($MgSO_4 \cdot 7H_2O$) is applied to quarter plots (50 lb Mg in winter and 50 lb after the 1st cut).

Variety: S123.

Cultivations, etc.: Basal PK and test Mg applied: 24 Jan, 1968. Area hand weeded: 27 Feb. All plants removed and carted, area hand hoed: 12 Mar. Area raked down to seedbed, seed sown at 30 lb, 'Nitro-Chalk' applied: 29 Mar. Cut, basal potash, test Mg and 'Nitro-Chalk' applied: 12 Aug. Cut second time: 17 Oct.

NOTE: Yields were not recorded from NOMgO and N1MgO plots for the 1st cut because of rabbit damage.

68/A/8.2

SUMMARY OF RESULTS

DRY MATTER

| | NOMgO | NlMgO | NOMgl | NlMgl |
|------------------|-------|-------|-------|-------|
| 1st cut | | | 17.0 | 15.8 |
| 2nd cut | 10.6 | 13.7 | 17.7 | 15.7 |
| Total of 2 cuts | | | 34.7 | 31.5 |
| Mean D.M. %: | | | | |
| 1st cut: | | 16.1 | | |
| 2nd cut: | | 15.8 | | |
| Total of 2 cuts: | | 16.0 | | |