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Yields of the Field Experiments 1967

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67/R/EGC/A/8 Rothamsted Garden - Clover

Rothamsted Research

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67/A/8.1

CLOVER - ROTHAMSTED GARDEN

(EGC)

Revised 1967, the 114th year

For history etc., see 'Details' 1962.

Basal applications: 1 ton ground chalk in 2 equal dressings, 1.2 cwt K₂O as muriate of potash.

Corrective potash: 4.2 cwt K₂O as muriate of potash applied in 2 dressings to the half plot which has not previously received K.

Test of nitrogen: The plot was divided at right angles to the earlier O v K split for a test of 0 (NO) v 1.0 (N1) cwt N as 'Nitro-Chalk' in the seedbed and after each cut except the last.

Variety: S123.

Cultivations, etc.: Ground chalk applied at 10 cwt, 5/7 of corrective potash applied, plots dug by hand, ground chalk applied at 10 cwt, 2/7 of corrective potash applied: Mar 7, 1967. Seed sown at 35 lb, basal potash and 'Nitro-Chalk' applied: Apr 4. Irrigated 0.5 ins by hand: June 14. Cut three times: July 20, Aug 24, Oct 24. 'Nitro-Chalk' applied after first two cuts.

67/A/8.2

SUMMARY OF RESULTS

DRY MATTER

| NO | N1 | Mean |
|------------------|-----------------|------|
| | 1ST CUT | |
| 11.8 | 12.5 | 12.2 |
| | 2ND CUT | |
| 16.5 | 19.5 | 18.0 |
| | 3RD CUT | |
| 9.4 | 10.2 | 9.8 |
| | TOTAL OF 3 CUTS | |
| 37.7 | 42.2 | 40.0 |
| Mean D.M. %: | | |
| 1st cut: | 22.7 | |
| 2nd cut: | 13.7 | |
| 3rd cut: | 17.9 | |
| Total of 3 cuts: | 18.1 | |