

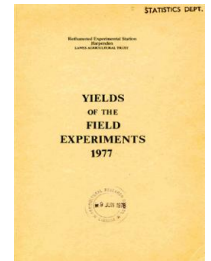
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## Yields of the Field Experiments 1977

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### 77/R/GC/8 Garden Clover - Clover

#### Rothamsted Research

Rothamsted Research (1978) 77/R/GC/8 *Garden Clover - Clover* ; Yields Of The Field Experiments 1977, pp 34 - 34 - DOI: <https://doi.org/10.23637/ERADOC-1-29>

77/R/GC/8

# GARDEN CLOVER

Object: To study yields and pathogens of red clover grown continuously - Manor Garden.

The 124th year, red clover.

For previous years see 'Details' 1967 & 1973, and 74-76/R/GC/8.

Whole plot dimensions: 2.13 x 3.05.

Treatments: All combinations of:-

1. VARIETY                      Varieties:  
  
    HUNGAROP                  Hungaropoly (resistant to Sclerotinia trifoliorum)  
    S.123                      S.123 (susceptible to S. trifoliorum)
2. ALDICARB                  Aldicarb to seedbed (kg):  
  
    0  
    10

NOTE: Many plants failed to survive the winter. Gaps were re-sown in spring.

Basal applications: Manures: (0:14:28) at 540 kg. K20 at 75 kg, as muriate of potash, after each cut except the last. Mg at 110 kg, as Epsom salts, half in spring, half after first cut. N at 130 kg, as 'Nitro-Chalk', in spring and after each cut except the last.

Seed: Sown at 34 kg.

Cultivations, etc.: Basal PK and Mg applied: 28 Feb, 1977. Seed sown in gaps, aldicarb and N applied: 28 Apr. Cut: 21 June. Basal N and K applied: 24 June. Cut, basal N, K and Mg applied: 27 July. Cut, basal N and K applied: 6 Sept. Cut: 19 Oct.

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

## DRY MATTER TONNES/HECTARE

### \*\*\*\*\* TABLES OF MEANS \*\*\*\*\*

| VARIETY            | HUNGAROP |      | S.123   |      | MEAN |
|--------------------|----------|------|---------|------|------|
| ALDICARB           | 0        | 10   | 0       | 10   |      |
| 1ST CUT (21/6/77)  | 0.79     | 1.58 | 0.03    | 0.60 | 0.75 |
| 2ND CUT (27/7/77)  | 0.66     | 2.00 | 0.19    | 1.65 | 1.12 |
| 3RD CUT (6/9/77)   | 0.68     | 1.74 | 0.61    | 1.28 | 1.08 |
| 4TH CUT (19/10/77) | 0.72     | 1.05 | 0.48    | 0.82 | 0.77 |
| TOTAL OF 4 CUTS    | 2.84     | 6.38 | 1.31    | 4.35 | 3.72 |
| MEAN DM% 1ST CUT   | 15.3     |      | 2ND CUT | 21.4 |      |
| 3RD CUT            | 12.8     |      | 4TH CUT | 13.7 |      |
| TOTAL OF 4 CUTS:   | 15.8     |      |         |      |      |

PLOT AREA HARVESTED 0.00011