

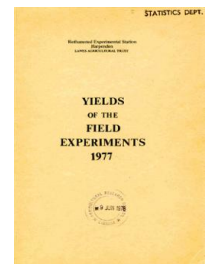
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1977

[Full Table of Content](#)



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