

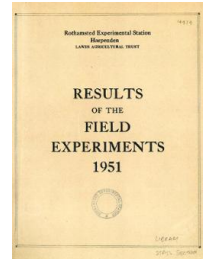
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1951

[Full Table of Content](#)



51/CG/2 Lucerne-cocksfoot Ley - Fertilizer Placement - Rothamsted

Rothamsted Research

Rothamsted Research (1952) *51/CG/2 Lucerne-cocksfoot Ley - Fertilizer Placement - Rothamsted* ;
Yields Of The Field Experiments 1951, pp 88 - 88 - DOI: <https://doi.org/10.23637/ERADOC-1-171>

51/Cg/2

LUCERNE - COCKSFOOT LEY

Fertilizer placement - Fosters Corner 1951.

System of replication: 3 randomized blocks of 6 plots each.

Area of each plot: 0.0152 acre.

Treatments: No fertilizer; no fertilizer but plots drilled over to assess damage to sward; and all combinations of:-

Compound granular fertilizer (15% P_2O_5 , 13 $\frac{3}{4}$ % K_2O): 3.3; 6.6 cwt per acre.

Method of placement: Broadcast; Drilled.

Basal manuring: None

Cultivations, etc.: Fertilizer applied: Mar 29. Cut: June 18 and weighed green.

Standard error per plot:

Ley, dry matter: 2.89 cwt per acre or 6.8% (10 d.f.)

Summary of Results

Ley, dry matter: cwt per acre				
Method of placement	Compound fertilizer: cwt per acre			Mean
	None	3.3	6.6	
Broadcast	42.3 [†]	(± 1.67) 45.3	43.1	(± 1.18) 44.2*
Drilled	39.9 [†]	43.0	43.2	43.1*
Mean (± 1.18)	41.1	44.1	43.2	42.8
Difference (± 2.36)	-2.4	-2.3	0.1	-1.1* (± 1.67)

[†] See treatment descriptions.

* Excluding 'None'

Mean Dry Matter %: 28.0