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# Yields of the Field Experiments 1951

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## 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<sub>2</sub>O<sub>5</sub>, 13<sup>3</sup>/<sub>4</sub>% K<sub>2</sub>O): 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

Method of placement	Ley, dry matter: cwt per acre			Mean
	Compound fertilizer: cwt per acre			
	None	3.3	6.6	
Broadcast	42.3 <sup>†</sup>	(±1.67) 45.3	43.1	(±1.18) 44.2*
Drilled	39.9 <sup>†</sup>	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)

<sup>†</sup> See treatment descriptions.

\* Excluding 'None'

Mean Dry Matter %: 28.0