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Yields of the Field Experiments 1948

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48/CF/2 Linseed - Rothamsted : Rates and Application of Manures

Rothamsted Research

Rothamsted Research (1949) *48/CF/2 Linseed - Rothamsted : Rates and Application of Manures ; Yields Of The Field Experiments 1948*, pp 90 - 90

48/Cf/2

LINSEED

The effects of rates and methods of application of a compound fertilizer.

R/JL - Bones Close 1948

System of replication: 4 randomized blocks of 6 plots each.

Area of each plot: 0.0191 acre.

Treatments:

None

$4\frac{1}{2}$ and 9 cwt compound fertilizer per acre, broadcast.

$2\frac{1}{4}$ and $4\frac{1}{2}$ cwt compound fertilizer per acre, drilled.

The compound fertilizer was made up of:

	lb
Sulphate of Ammonia	32
Superphosphate	57
Muriate of Potash	<u>11</u>
Total	100

= 6.7% N, 9.0% P₂O₅, 6.7% K₂O.

Basal Manuring: None.

Cultivations etc: Ploughed: Nov 10-18. Springtime harrowed: Mar 3-4.
 Rolled and springtime harrowed: Mar 12. Tooth-harrowed: Mar 23. Seed
 drilled, and compound drilled and broadcast: Mar 24. Harrowed in:
 Mar 25. Ring rolled Mar 27. Dusted against flea beetle: May 18.
 Thistles hand hoed: May 25. Agroxone applied against weeds: May 27.
 Hoed: June 4-7 and again 8-9. Harvested: Aug 28. Variety: Royal.
 Previous crop: Barley.

Standard error per plot: 1.42 cwt per acre or 14.4% (16 d.f.)

Grain: cwt per acre

Level	Compound			Mean
	None	Broadcast	Drilled	
1		11.2	9.6	10.4
		(±0.71)		(±0.50)
2		8.2	7.9	8.1
Mean	11.2	9.7	8.8	9.9
(±0.50)				
Difference		-3.0	-1.7	-2.3 (±0.71)
(±1.01)				