ROTHAMSTED RESEARCH

Yields of the Field Experiments 1948

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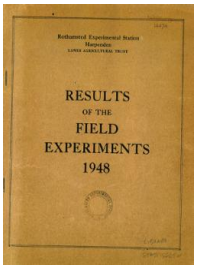

48/CF/4 Linseed - Woburn : Rates and Application of Manures

Rothamsted Research

Rothamsted Research (1949) *48/CF/4 Linseed - Woburn : Rates and Application of Manures ;* Yields Of The Field Experiments 1948, pp 93 - 93

LINSEED

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

W/JL - Broad Mead I Woburn 1948

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

Area of each plot; 0.0212 acre.

Treatments:
None.
4½ and 9 cwt compound fertilizer per acre, broadcast
2¼ and 4½ cwt compound fertilizer per acre, drilled.

The compound fertilizer was made up of:

	lb
Sulphate of Ammonia	32
Superphosphate	57
Muriate of Potash	11
Total	100

= 6.7% N. 9.0% P_2O_5 6.7% K_2O

Basal Manuring: None.

Cultivations etc: Ploughed: Feb 4 - Mar 1. Rolled: Mar.2. Harrowed three times: Mar 12-18. Seed sown and fertilizer applied to all plots: Mar 22. Harrowed and ring rolled: Mar 23. Dusted against flea beetle: May 5-8 Weeds pulled: June 8. Harvested: Aug 19. Variety: Royal. Previous crop: Ley.

Standard error per plot: 1.26 cwt. per acre or 13.0%. (16 d.f.)

Grain: cwt per acre

		Compound		
	None	Broadcast	Drilled	Mean
Level 1		9.9	10.5	10.2
		(±0.63)		(±0.45)
Level 2		6.9	8.6	8.7
Mean (±0.45)	10.2	9.4	9.5	9.7
Difference (±0.89)		-1.0	-1.9	-1.5 (±0.63)