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# Yields of the Field Experiments 1948

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## 48/CF Linseed

### Rothamsted Research

Rothamsted Research (1949) *48/CF Linseed* ; Yields Of The Field Experiments 1948, pp 88 - 88

48/Cf/1.1

## LINSEED

The effects of time of sowing, seed rate, sulphate of ammonia, superphosphate and muriate of potash.

R/JL - Bones Close 1948

System of replication: 4 randomised blocks of 8 plots each; certain high order interactions confounded with block differences.

Area of each plot: 0.0212 acre.

### Treatments:

Time of sowing: 24th March (Early), 20th April (Late).  
Seed rate: 60 and 90 lbs per acre.  
Sulphate of ammonia: None, 0.45 cwt N per acre.  
Superphosphate: None, 0.60 cwt  $P_2O_5$  per acre.  
Muriate of Potash: None, 0.45 cwt  $K_2O$  per acre.

Basal Manuring: None.

Cultivations etc: Ploughed: Nov 10-18. Springtime harrowed: Mar 3-4. Rolled and springtime harrowed: Mar 12. Harrowed: Mar 23. "Early" seed drilled, and artificials applied to "Early" plots: Mar 24. Harrowed in: Mar 25. Ring rolled: Mar 27. "Late" seed drilled, and artificials applied to "Late" plots: Apr 20. Harrowed and light ring rolled: Apr 21. Dusted against flea beetle: May 18. Thistles hand hoed: May 25. Agroxone used against weeds: May 27. Hoed: June 4-7 and 8-9. Harvested: Aug 28. Variety: Royal  
Previous crop: Barley.

Note: The late sown crop was practically a failure, and was discarded.

Standard error per plot:  $\pm 0.979$  per acre or 12.6% (3 d.f.)