

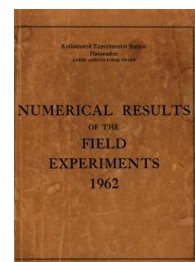
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1962

[Full Table of Content](#)



62/R/DB/1 Barley - Control of Thrips Aphids and Virus

Rothamsted Research

Rothamsted Research (1963) *62/R/DB/1 Barley - Control of Thrips Aphids and Virus* ; Yields Of The Field Experiments 1962, pp 129 - 129 - DOI: <https://doi.org/10.23637/ERADOC-1-164>

62/Db/1

BARLEY

The effect of insecticides on thrips, aphids and the spread of virus - Long Hoos I and II 1962.

Design: 6 randomised blocks of 4 plots each.

Area of each plot: 0.0212 acres. Area harvested: 0.0139 acres.

Treatments: Rogor: None (0); applied early (E); applied late (L); applied throughout (EL). Rate of application 16 fluid oz in 40 gallons per acre.

Basal dressing: 3 cwt compound fertiliser (16% N, 9% P₂O₅, 9% K₂O) per acre combine drilled.

Cultivations, etc.: Ploughed: Feb 16 - Mar 23, 1962. Seed drilled at 3½ bushels per acre: Mar 26. E and EL plots sprayed with Rogor: Apr 26. Sprayed with MCPA/MBA at 4 pints in 40 gallons per acre: May 30. E and EL plots sprayed with Rogor: June 1. EL and L plots sprayed with Rogor: June 28. Combine harvested: Aug 29. Variety: Proctor. Previous crops: Winter wheat 1960; kale 1961.

Note: Water traps were used and trapping records of thrips and aphids made throughout most of the season. Crop samples were taken for thrips extraction from Apr 30 - June 25 and from June 27 - July 31.

Standard error per plot.

Grain (at 85% dry matter): 1.66 cwt per acre or 5.3% (15 d.f.)

Summary of Results

Grain (at 85% dry matter): cwt per acre

Rogor				
0	E	L	EL	Mean
31.0	31.2	31.8	30.6	31.2
(±0.68)				

Mean dry matter % as harvested: 83.6