

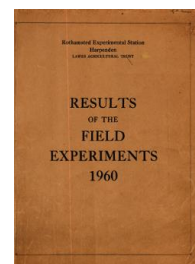
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Yields of the Field Experiments 1960

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60/R/CC/1 Spring Oats - Frit Fly Study (Sowing Dates)

Rothamsted Research

Rothamsted Research (1961) *60/R/CC/1 Spring Oats - Frit Fly Study (Sowing Dates)* ; Yields Of The Field Experiments 1960, pp 102 - 102 - DOI: <https://doi.org/10.23637/ERADOC-1-180>

60/Cc/1

SPRING OATS

Frit fly study (sowing dates) - Geescroft 1960.

Design: 2 randomised blocks of 3 plots each.

Area of each plot: 0.3342 acres. Area harvested: 0.0298 acres.

Treatments: Sowing dates: Mar 17; Apr 7; Apr 21, 1960.

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

Cultivations, etc.: Ploughed: Sept 14, 1959. Seed combine drilled at 3 bushels per acre: Mar 17, Apr 7 and Apr 21, 1960. Sprayed with TCB/MCPA at 4 pints in 40 gallons per acre: first sowing - May 10; second and third sowing - May 24. Combine harvested: first sowing - Aug 15; second sowing - Aug 17; third sowing - Sept 5. Variety: Blenda. Previous crop: Spring wheat.

Note. Counts of frit fly and egg numbers, estimates of grain and tiller damage, and of growth rates were made at intervals.

Summary of Results

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

| Sowing date | | | |
|-------------|-------|--------|------|
| Mar 17 | Apr 7 | Apr 21 | Mean |
| 27.5 | 16.2 | 4.5 | 16.0 |

Mean dry matter % as harvested: 74.7