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Yields of the Field Experiments 1961

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61/R/DC/1 Spring Oats - Frit Fly Study (Sowing Dates)

Rothamsted Research

Rothamsted Research (1962) *61/R/DC/1 Spring Oats - Frit Fly Study (Sowing Dates)* ; Yields Of The Field Experiments 1961, pp 120 - 120 - DOI: <https://doi.org/10.23637/ERADOC-1-182>

61/Dc/1

SPRING OATS

Frit fly study (sowing dates) - Long Hoos VI, VII 1961.

Design: 2 randomised blocks of 3 plots each.

Area of each plot: 0.4821 acres. Area harvested: 0.0643 acres.

Treatments: Sowing dates: Mar 17; Apr 7; Apr 22, 1961.

Basal dressing: $2\frac{1}{2}$ cwt compound fertiliser (16% N, 9% P_2O_5 , 9% K_2O) per acre combine drilled with seed.

Cultivations, etc.: Ploughed: Feb 10 and Mar 7, 1961. Rotary cultivated: Mar 16. Seed combine drilled at 3 bushels per acre: Mar 17, Apr 7 and Apr 22. Sprayed with MCPA/TBA at 4 pints in 40 gallons per acre: first and second sowing - May 15; third sowing - May 25. Combine harvested: first and second sowing - Aug 23; third sowing - Aug 31. Variety: Blenda. Previous crop: Potatoes.

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 22	Mean
21.3	18.3	8.2	15.9

Mean dry matter % as harvested: 84.1