

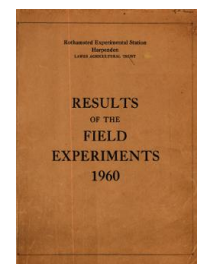
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1960

[Full Table of Content](#)



60/R/CA/5 Winter Wheat - Standard and Precision Drill

Rothamsted Research

Rothamsted Research (1961) *60/R/CA/5 Winter Wheat - Standard and Precision Drill* ; Yields Of The Field Experiments 1960, pp 91 - 91 - DOI: <https://doi.org/10.23637/ERADOC-1-180>

60/Ca/5

WINTER WHEAT

Comparison of the standard with the precision drill - Great Knott I 1960.

Design: 4 randomised blocks of 6 plots each.

Area of each plot: 0.0212 acres. Area harvested: 0.0141 acres.

Treatments. All combinations of:-

Drills: Standard; precision.

Seed rates: 1; 2; 3 bushels per acre.

Basal dressing: 3 cwt compound fertiliser (6% N, 15% P₂O₅, 15% K₂O) per acre broadcast in seed bed and 5 cwt per acre sulphate of ammonia applied in spring.

Cultivations, etc.: Ploughed: Oct 13, 1959. Seed drilled, basal fertiliser applied: Oct 24. Sulphate of ammonia applied: Apr 8, 1960. Sprayed with CMPP at 6 pints in 40 gallons per acre: Apr 22. Combine harvested: Aug 30. Variety: Cappelle. Previous crop: Beans.

Note. Plant counts were made shortly after germination.

Standard error per plot.

Grain (at 85% dry matter): 1.40 cwt per acre or 2.7% (15 d.f.)

Summary of Results

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

| Drill | Seed rate bushels per acre | | | Mean |
|--------------|----------------------------|---------|------|---------|
| | 1 | 2 | 3 | |
| | | (±0.70) | | (±0.40) |
| Standard | 51.0 | 53.2 | 53.7 | 52.6 |
| Precision | 51.6 | 53.6 | 52.5 | 52.6 |
| Mean (±0.49) | 51.3 | 53.4 | 53.1 | 52.6 |

Mean dry matter % as harvested: 80.0