

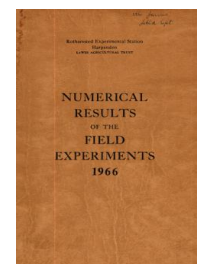
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1966

[Full Table of Content](#)



66/R/RB201/DB/2 Barley - Spun Seed

Rothamsted Research

Rothamsted Research (1967) *66/R/RB201/DB/2 Barley - Spun Seed* ; Yields Of The Field Experiments 1966, pp 267 - 268 - DOI: <https://doi.org/10.23637/ERADOC-1-158>

66/Db/2.1

BARLEY

(RB 201)

Spun and drilled seed and cultivations - Whittlocks N.E. 1966.

Design:

Spun seed: 6 randomised blocks of 4 plots with seed rates on strips of 3 blocks.

Drilled seed: 6 randomised blocks of 2 plots.

Area of each plot: 0.0135. Area harvested: 0.0096.

Treatments:

Spun seed. All combinations of:

To strips of 3 blocks: (1) Seed rates 140 (L), 200 (H).

To plots: (2) Seedbed cultivations (all on Mar 10, 1966): Spring-tine cultivate, harrow, sow, harrow (C1). Spring-tine cultivate, sow, spring-tine cultivate, harrow (C2). Spring-tine cultivate twice, sow, harrow (C3). Sow, spring-tine cultivate, harrow (C4).

Drilled seed.

Seedbed cultivations: C1, C3 as above (all at seed rate L).

Basal applications: 4 cwt (20:10:10) broadcast by distributor.

Weedkiller: Mecoprop/2,4-D (Methoxone Extra at 6 pints in 36 gals).

Cultivations, etc.: Ploughed: Nov 1, 1965. Basal dressing applied: Mar 9, 1966. Seed sown: Mar 10. Sprayed: May 11. Combine harvested: Aug 19. Variety: Maris Badger. Previous crops: Potatoes 1964, winter wheat 1965.

Standard error per plot (pooled spun and drilled seed):

Grain: 4.53 or 12.0% (17 d.f.)

66/Db/2.2

SUMMARY OF RESULTS

GRAIN

SPUN SEED

| | C1 | C2 | C3 | C4 | Mean |
|--------------|----------|------|------|------|------|
| | (±2.62)* | | | | |
| L | 39.6 | 40.1 | 37.9 | 35.0 | 38.2 |
| H | 37.3 | 38.5 | 38.6 | 34.0 | 37.1 |
| Mean (±1.85) | 38.5 | 39.3 | 38.3 | 34.5 | 37.6 |

* For use in horizontal and interaction comparisons only

DRILLED SEED

| C1 | C3 | Mean |
|---------|------|------|
| 36.8 | 39.9 | 38.4 |
| (±1.85) | | |

Pooled mean: 37.9

Pooled mean D.M. %: 86.3