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Yields of the Field Experiments 1953

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53/CB/4 Barley - Methods of Harvesting - Rothamsted

Rothamsted Research

Rothamsted Research (1954) *53/CB/4 Barley - Methods of Harvesting - Rothamsted* ; Yields Of The Field Experiments 1953, pp 83 - 83 - DOI: <https://doi.org/10.23637/ERADOC-1-173>

53/Cb/4

BARLEY

Methods of harvesting - Deacons Field 1953.

System of replication: 12 randomized blocks of 2 plots each.

Area of each plot: 0.0200 acre. Area harvested: Binder - full area;
Combine harvester - 0.0129 acre.

Treatments:

Methods of harvesting: Binder; Combine harvester (Massey Harris 726
8'6" cut).

Basal dressing per acre: 1 cwt superphosphate; $2\frac{1}{2}$ cwt sulphate of
ammonia.

Cultivations, etc.: Ploughed: Feb 5. Seed drilled with superphosphate:
Mar 7. Sulphate of ammonia applied: Mar 9. Harvested: Combine
plots - Aug 22, Binder - Aug 25. Variety: Herta. Previous crop:
Potatoes.

Standard error per plot:

Grain: 2.41 cwt per acre or 6.1% (11 d.f.)

Summary of Results

| | Methods of Harvesting | | Mean | Difference |
|----------------------|-----------------------|-------------------|------|--------------------|
| | Binder | Combine Harvester | | |
| Yields: cwt per acre | | | | |
| Grain | 36.8 | 41.6 | 39.2 | 4.8 (± 0.98) |
| Straw | 39.4 | - | | |

Mean Dry Matter %: Combine plots - 84.2, Binder plots - no value
available.