

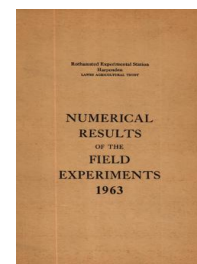
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# Yields of the Field Experiments 1963

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## 63/R/RB201/DB/2 Barley - Varieties

### Rothamsted Research

Rothamsted Research (1964) *63/R/RB201/DB/2 Barley - Varieties* ; Yields Of The Field Experiments 1963, pp 163 - 163 - DOI: <https://doi.org/10.23637/ERADOC-1-183>

63/Db/2

BARLEY

(RB 201)

Varieties - Stackyard 1963.

Design: 4 randomised blocks of 3 plots each.

Area of each plot: 0.0193 acres. Area harvested: 0.0129 acres.

Treatments.

Varieties: Impala, Proctor, Swallow.

Basal dressing: 3 cwt per acre compound fertiliser (20% N, 10% P<sub>2</sub>O<sub>5</sub>, 10% K<sub>2</sub>O) combine drilled.

Cultivations, etc.: Ploughed: Mar 15 - 23, 1963. Rotary cultivated: Apr 26. Seed drilled at 2.5 bushels per acre (Proctor at 2.25): May 2. Sprayed with mecoprop/2,4-D at 6 pints in 40 gallons per acre: June 12. Combine harvested: Sept 9. Previous crops: Barley and potatoes 1961, barley 1962.

Standard error per plot.

Grain (at 85% dry matter): 1.66 cwt per acre or 4.4% (6 d.f.)

Summary of Results

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

	Variety		
Impala	Proctor	Swallow	Mean
40.0	34.0	38.9	37.6
	(±0.83)		

Mean dry matter % as harvested: 73.7

Note: Because of late sowing, mildew (Erysiphe Graminis) was unusually severe on Proctor, whilst the resistant variety Impala was only slightly affected. The attack on Swallow was intermediate in severity between the other two.