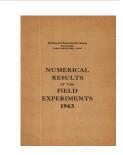
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Yields of the Field Experiments 1963



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63/W/WAW/C/6 Effect of Subsoiling - Barley and Early Potatoes

Rothamsted Research

Rothamsted Research (1964) 63/W/WAW/C/6 Effect of Subsoiling - Barley and Early Potatoes; Yields Of The Field Experiments 1963, pp 145 - 146 - DOI: https://doi.org/10.23637/ERADOC-1-183

63/c/6.1

EFFECT OF SUBSOILING

(WAW)

Woburn Roadpiece and Great Hill. Test crops, Roadpiece: early potatoes, Great Hill: barley - the second year 1963.

Design: 3 randomised blocks of 2 plots each.

Area of each plot (acres): Area harvested (acres):

Roadpiece: 0.0810 0.0180 Great Hill: 0.0762 0.0579

Treatments: None, subsoiled in October 1961, 7 strokes per plot, 3 feet apart, 18 inches deep.

Basal dressings per acre:

Roadpiece: 8 cwt compound fertiliser, 17% N, 11% P205, 22% K20.

Great Hill: 3 cwt compound fertiliser, 21% N, 14% P205, 14% K20 combine drilled.

Cultivations, etc.:

Roadpiece: Ploughed: Sept 17 - Oct 17, 1962. Basal dressing applied: Apr 11, 1963. Potatoes machine planted: Apr 19. Earthed up: June 15. Haulm destroyed mechanically: July 23. Lifted: July 24. Variety: Arran Pilot.

Great Hill: Ploughed: Nov 12, 1962. Seed drilled at 2 bushels per acre: Apr 8, 1963. Combine harvested: Sept 9. Variety: Proctor.

Previous crops:-

Roadpiece: Spring wheat 1961, barley, spring wheat and sugar beet 1962. Great Hill: Spring wheat and barley 1961, spring wheat, barley and sugar beet 1962.

Note: For the previous year's results see 'Numerical Results of the Field Experiments' 62/C/10.

63/c/6.2

Summary of Results

Treatment

| None | Subsoiled | Mean |
|------|--|------|
| | Roadpiece Early Potatoes, total tubers: tons per ac | re |
| 8.76 | 9.19 | 8.98 |
| | Great Hill | |
| | Barley, Grain (at 85% dry matter): cwt per | acre |
| 21.3 | 22.5 | 21.9 |

Mean dry matter % as harvested: 79.2