ROTHAMSTED RESEARCH

Yields of the Field Experiments 1962

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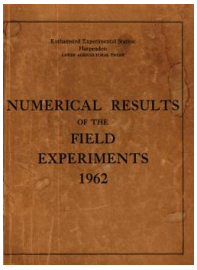

62/R/DC/1 Winter Beans - Residual Effects of Chalk

Rothamsted Research

Rothamsted Research (1963) *62/R/DC/1 Winter Beans - Residual Effects of Chalk ;* Yields Of The Field Experiments 1962, pp 130 - 130 **- DOI: https://doi.org/10.23637/ERADOC-1-164**

WINTER BEANS

The residual effect of levels of chalk - Great Field I 1962, the 2nd year.

Design: 4 randomised blocks of 5 plots each.

Area of each plot: 0.0193 acres. Area harvested: 0.0117 acres.

Treatments: Ground chalk tons per acre applied in two dressings, half before ploughing on Dec 6, 1960 and half after ploughing on Dec 13, 1960:- None; 1; 2; 3; 4.

Basal dressing: 3¼ cwt per acre compound fertiliser (14% P_2O_5, 28% K_2O) placement drilled.

Cultivations, etc.: Ploughed: Sept 18, 1961. Seed placement drilled at 275 lb per acre: Oct 10. Combine harvested: Sept 5, 1962. Variety: Garton's SQ. Previous crops: Winter wheat 1960, spring beans 1961.

Notes: (1) Samples were taken for counts of pods and beans.
(2) For the previous year's results see 'Numerical Results of the Field Experiments' 61/Dd/1.

Standard error per plot.
Grain (at 85% dry matter): 1.31 cwt per acre or 4.5% (12 d.f.)

Erratum to the 'Numerical Results of the Field Experiments' 1961 page 61/Dd/1. Area of each plot should read 0.0193 not 0.0212 acres.

Summary of Results

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

Ground chalk: tons per acre applied Dec, 1960

None	1	2	3	4	Mean
26.3	28.1	29.9 (±0.65)	31.9	30.7	29.4

Mean dry matter % as harvested: 76.8

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