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64/R/RBE201/DC/1 Spring Beans - Row Spacing

Rothamsted Research

Rothamsted Research (1965) *64/R/RBE201/DC/1 Spring Beans - Row Spacing* ; Yields Of The Field Experiments 1964, pp 223 - 224 - DOI: <https://doi.org/10.23637/ERADOC-1-160>

64/Dc/1.1

SPRING BEANS

(RBe 101)

Row spacing, seed rates and rates and methods of fertiliser application -
Delharding 1964.

Design: 2 replicates of 4 x 2 x 2 x 2 in blocks of 8 plots.

Area of each plot: 0.0193. Area harvested: 0.0133.

Treatments. All combinations of:-

1. Row spacing: 10.5 inches (C), 21 inches (W).
2. Seed rates: 200 lb (L), 300 lb (H).
3. Fertiliser rates: 400 lb (F1), 560 lb (F2) 0:20:20, 500 lb (N1), 700 lb (N2) 6:15:15.
4. Methods of fertiliser application: Broadcast (B), placed (P).

Basal dressing: None.

Cultivations, etc.: Ploughed: Oct 3, 1963. Seed drilled (treatments CB, CP and WB): Apr 3, 1964, treatments WP: Apr 6. Broadcast fertilisers applied: Apr 7. Sprayed with simazine at 1 lb in 40 gals: Apr 8. Combine harvested: Sept 3. Variety: Pedigree Tic. Previous crop: Barley 1962 and 1963.

Standard error per plot.

Grain: 1.45 or 4.4% (28 d.f.)

64/Dc/1.2

SUMMARY OF RESULTS

GRAIN

	F1	F2	N1	N2	Mean
Mean (± 0.36)	32.7	33.4	33.0	34.1	33.3
					(± 0.26)
C (± 0.51)	33.1	33.3	33.0	33.6	33.3
W	32.3	33.5	33.0	34.5	33.3
L (± 0.51)	32.4	32.6	32.7	33.4	32.8
H	33.0	34.3	33.2	34.8	33.8
B (± 0.51)	32.0	32.7	33.1	33.5	32.9
P	33.4	34.1	32.8	34.6	33.7

	C	W	L	H
L	32.9	32.6		
H	33.6	34.0		
B	33.1	32.6	32.4	33.4
P	33.4	34.1	33.2	34.2

Mean D.M. %: 84.4