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Numerical Results of the Field Experiments 1968

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68/DE/10 Comparison of Fungicides - Potatoes

Rothamsted Research

Rothamsted Research (1970) *68/DE/10 Comparison of Fungicides - Potatoes* ; Numerical Results Of The Field Experiments 1968, pp 359 - 360 - DOI: <https://doi.org/10.23637/ERADOC-1-58>

68/De/10.1

POTATOES

(RP 11/1)

Comparison of fungicides - Great Harpenden II 1968.

Design: 6 x 6 Latin square.

Area of each plot: 0.0129. Area harvested: 0.0086.

Treatments:

No fungicide	(O)
Fentin acetate at 0.21 lb plus maneb at 0.07 lb	(A)
Fentin acetate at 0.07 lb plus maneb at 0.021 lb	(B)
Fentin acetate at 0.07 lb plus maneb at 0.021 lb plus 7 lb wax	(C)
Dibutyltin dilaurate at 0.07 lb a.i.	(D)
Triphenyltin sulphide at 0.028 lb a.i.	(E)

All the above were applied in 70 gals on two occasions.

Basal applications: 3 tons ground chalk, 7 tons FYM, 8 cwt compound (13:13:20). Weedkiller: Paraquat at 0.38 lb ion and linuron at 0.75 lb in 36 gals.

Cultivations, etc.: FYM applied: 8 Dec, 1967. Ground chalk applied, plots ploughed: 20 Dec. Basal compound fertiliser applied: 20 - 27 Mar, 1968. Rotary cultivated, potatoes machine planted: 1 Apr. Weedkiller applied: 3 May. Grubbed: 7 June. Rotary ridged: 10 June. Fungicides applied: 20 July, 15 Aug. Sprayed with undiluted BOV at 15 gals: 31 Aug. Lifted: 17 Oct. Variety: King Edward. Previous crops: Grass 1959 - 67.

Standard error per plot.

Total tubers: 0.900 or 7.0% (20 d.f.)

68/De/10.2

SUMMARY OF RESULTS

O	A	B	C	D	E	Mean
TOTAL TUBERS						
(±0.367)						
12.09	13.46	12.66	13.08	12.50	12.98	12.79
% WARE						
95.5	95.9	95.8	95.3	96.0	95.5	95.7