

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Numerical Results of the Field Experiments 1970

[Full Table of Content](#)



70/R/P/12 Potatoes Comparison of Fungicides

Rothamsted Research

Rothamsted Research (1971) *70/R/P/12 Potatoes Comparison of Fungicides ; Numerical Results Of The Field Experiments 1970*, pp 308 - 309 - DOI: <https://doi.org/10.23637/ERADOC-1-59>

POTATOES

(70/R/P/12)

Comparison of fungicides - Long Hoos IV 1970.

Design: 6 x 6 Latin square.

Area of each plot: 0.0129. Area harvested: 0.0043.

Treatments:

No fungicide	(O)
Fentin acetate at 0.1 lb plus maneb at 0.03 lb	(1A3M)
Fentin acetate at 0.3 lb plus maneb at 0.01 lb	(3A1M)
Fentin acetate at 0.1 lb plus maneb at 0.03 lb plus 10 lb wax	(1A3MW)
Dibutyltin diacetate at 0.7 lb	(D)
Fentin sulphide at 0.35 lb	(S)

All the fungicides were applied in 70 gals.

Basal applications: 1120 lb (13:13:20). Weedkiller: Linuron at 1 lb in 39 gals. Insecticide: Demeton-s-methyl at 3.5 oz in 40 gals.

Cultivations, etc.: Deep-tine cultivated: 10 Oct, 1969. Rotary cultivated: 15 Oct. Deep-tine cultivated: 20 Dec. Basal NPK applied: 23 Apr, 1970. Rotary cultivated, potatoes machine planted: 1 May. Weedkiller applied: 23 May. Grubbed and rotary ridged: 18 June. Insecticide applied: 30 July. Fungicide sprays applied: 4 Aug. Sprayed with undiluted BCV at 15 gals: 3 Sept. Lifted: 16 Sept. Variety: King Edward. Previous crops: Barley 1968, spring beans 1969.

Standard error per plot.

Total tubers, tons: 0.626 or 5.3% (20 d.f.)

70/R/P/12

SUMMARY OF RESULTS

O	1A3M	3A1M	1A3MW	D	S	Mean
TOTAL TUBERS: TONS						
(±0.256)						
12.02	12.15	11.81	11.64	11.71	11.95	11.88
% WARE: 1.5 INCH						
90.2	91.3	92.0	90.6	90.9	91.7	91.1