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## Numerical Results of the Field Experiments 1969

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### 69/R/P/7 - Comparison of Fungicides - Potatoes

#### Rothamsted Research

Rothamsted Research (1970) *69/R/P/7 - Comparison of Fungicides - Potatoes* ; Numerical Results Of The Field Experiments 1969, pp 315 - 316 - DOI: <https://doi.org/10.23637/ERADOC-1-96>

POTATOES

(69/R/P/7)

Comparison of fungicides - Long Hoos V 1969.

Design: 6 x 6 Latin square.

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

Treatments:

No fungicide	(D)
Fentin acetate at 0.3 lb plus maneb at 0.1 lb	(A)
Fentin acetate at 0.1 lb plus maneb at 0.03 lb	(B)
Fentin acetate at 0.1 lb plus maneb at 0.03 lb plus 10 lb wax	(C)
Dibutyltin acetate at 0.7 lb a.i.	(D)
Fentin sulphide at 0.35 lb a.i.	(E)

All the fungicides were applied in 70 gals.

Basal applications: 10 cwt (13:13:20). Weedkiller: Paraquat at 0.375 lb  
ion plus linuron at 0.75 lb in 37 gals.

Cultivations, etc.: Ploughed: 23 Oct, 1968. Basal NPK applied:  
14 Apr, 1969. All plots rotary cultivated, potatoes machine  
planted: 18 Apr. Weedkiller applied: 13 May. Grubbed: 18 June.  
Earthed up: 27 June. Fungicide sprays applied: 22 July.  
Sprayed with undiluted BOV at 15 gals: 5 Sept. Haulm destroyed  
mechanically: 17 Sept. Lifted: 24 Sept. Variety: King Edward.  
Previous crops: Winter wheat 1967, oilseed rape 1968.

Standard error per plot.

Total tubers, tons: 0.487 or 3.2% (20 d.f.)

SUMMARY OF RESULTS

O	A	B	C	D	E	Mean
TOTAL TUBERS, TONS						
(±0.199)						
15.53	15.22	15.77	14.83	15.18	15.68	15.37
% WARE						
95.1	94.4	94.5	94.9	94.4	95.1	94.8