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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                                                     | (O) |
| 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<br>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  |
|--------------------|-------|-------|-------|-------|-------|-------|
| <hr/>              |       |       |       |       |       |       |
| 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  |