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Numerical Results of the Field Experiments 1969

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69/R/P/6 - Blight Reference Plots - Potatoes

Rothamsted Research

Rothamsted Research (1970) *69/R/P/6 - Blight Reference Plots - Potatoes* ; Numerical Results Of The Field Experiments 1969, pp 311 - 312 - DOI: <https://doi.org/10.23637/ERADOC-1-96>

POTATOES

(69/R/P/6)

Blight reference plots, Long Hoos V 1969.

Design: 4 randomised blocks of 3 plots.

Area of each plot: 0.0071. Area harvested: 0.0067.

Treatments: Fungicide spray:-

| | |
|---|------|
| None | (O) |
| Sprayed with mancozeb at 1.2 lb in 37 gals on 3 occasions | (F) |
| Sprayed with mancozeb as above, plots used for sampling | (FS) |

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. Rotary cultivated, potatoes machine planted: 18 Apr. Weedkiller applied: 13 May. Grubbed: 18 June. Earthed up: 27 June. Mancozeb applied: 16 July, 4 Aug, 21 Aug. Sprayed with undiluted BOV at 15 gals: 5 Sept. Haulm destroyed mechanically: 17 Sept. Lifted: 24 Sept. Variety: King Edward. Previous crops: Spring wheat 1967, oilseed rape 1968.

NOTE: No blighted tubers were found.

SUMMARY OF RESULTS

| O | F | Mean |
|--------------------|-------|-------|
| TOTAL TUBERS: TONS | | |
| 15.57 | 15.38 | 15.48 |
| % WARE | | |
| 94.0 | 94.2 | 94.1 |