

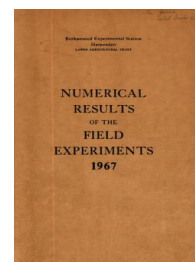
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Yields of the Field Experiments 1967

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67/R/RP8/1/DD/7 Potatoes - Oospora Free Seed

Rothamsted Research

Rothamsted Research (1968) *67/R/RP8/1/DD/7 Potatoes - Oospora Free Seed* ; Yields Of The Field Experiments 1967, pp 327 - 328 - DOI: <https://doi.org/10.23637/ERADOC-1-157>

67/Dd/7.1

POTATOES

(RP 8/1)

Oospora*-free seed - Pastures 1967.

Design: 6 blocks of 3 plots.

Area of each plot: 0.0071. Area harvested: 0.0031.

Treatments: Oospora-free seed (F), Oospora-free seed re-infected with Oospora (R), normal stock seed (N).

* Oospora pustulans - skinspot.

Basal applications: 10 cwt (13:13:20). Weedkiller: Linuron at 0.75 lb plus paraquat at 0.5 lb ion in 37 gals. Fungicide: Mancozeb at 1.2 lb in 30 gals on four occasions.

Cultivations, etc.: - Rotary cultivated: Sept 16, 1966. Ploughed: Nov 23 - Jan 5, 1967. Basal NPK compound applied: Mar 30. Rotary cultivated second time, potatoes planted: Apr 24. Weedkiller applied: May 18. Fungicide applied: June 30, July 21, Aug 3, Aug 24. Sprayed with undiluted BOV at 15 gals: Sept 20. Haulm destroyed mechanically, potatoes lifted: Sept 28. Variety: King Edward. Previous crops: Spring wheat and barley 1965, fallow 1966.

Standard error per plot:

Total tubers: 1.642 or 6.9% (10 d.f.)

67/Da/7.2

SUMMARY OF RESULTS

| F | R | N | Mean |
|--------------|----------|-------|-------|
| TOTAL TUBERS | | | |
| | (±0.670) | | |
| 24.74 | 22.80 | 23.78 | 23.77 |
| % WARE | | | |
| 78.7 | 87.6 | 86.4 | 84.2 |