

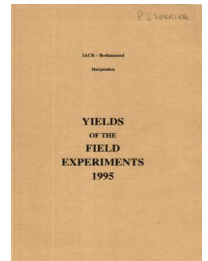
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## Yields of the Field Experiments 1995

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### 95/W/P/1 Double Cropping and Nematodes - Potatoes

#### Rothamsted Research

Rothamsted Research (1996) *95/W/P/1 Double Cropping and Nematodes - Potatoes* ; Yields Of The Field Experiments 1995, pp 163 - 165 - DOI: <https://doi.org/10.23637/ERADOC-1-50>



95/W/P/1

**Experimental diary:**

18-Jul-95 : **T** : **NEMACIDE[2]** OX: Vydate at 40 kg.  
          : **T** : Double crop: PK as (0:24:24) at 1000 kg, 27% N at  
                    667 kg, rotary cultivated.  
19-Jul-95 : **T** : Double crop: Rotary cultivated, Estima, dressed  
                    Rizolex, planted.  
21-Jul-95 : **B** : Irrigated 20 mm.  
24-Jul-95 : **B** : Ashlade Maneb Flowable at 2.5 l in 400 l.  
25-Jul-95 : **B** : Irrigated 12.5 mm.  
11-Aug-95 : **B** : Irrigated 12.5 mm.  
12-Aug-95 : **B** : Ashlade Maneb Flowable at 2.5 l in 400 l.  
15-Aug-95 : **B** : Irrigated 12.5 mm.  
16-Aug-95 : **B** : Irrigated 12.5 mm.  
22-Aug-95 : **T** : Main crop: Potatoes lifted.  
23-Aug-95 : **T** : Double crop: Harvest at 4.0 l in 300 l sprayed between  
                    rows.  
01-Sep-95 : **T** : Double crop: Irrigated 12.5 mm.  
13-Sep-95 : **T** : Double crop: Super-Tin 4L at 560 ml in 300 l.  
11-Oct-95 : **T** : Double crop: Super-Tin 4L at 560 ml in 300 l.  
24-Oct-95 : **T** : Double crop: Potatoes lifted.

Previous crops: Potatoes 1993, s. barley 1994.

**NOTE:** Soil samples were taken at intervals through the growing season for nematode counts. Samples of roots and tops were taken to measure vegetative production and nematode infestation.

95/W/P/1

**TOTAL TUBERS TONNES/HECTARE**

\*\*\*\*\* Tables of means \*\*\*\*\*

|                    |      |      |      |
|--------------------|------|------|------|
| <b>NEMACIDE[2]</b> | -    | OX   | Mean |
| <b>NEMACIDE[1]</b> |      |      |      |
| -                  | 15.4 | 23.5 | 19.5 |
| OX                 | 28.5 | 29.6 | 29.0 |
| Mean               | 22.0 | 26.5 | 24.2 |

|                |      |
|----------------|------|
| <b>NEMMAIN</b> |      |
| -              | 20.0 |
| OX             | 28.9 |
| Mean           | 24.4 |

GRAND MEAN 24.3

\*\*\* Standard errors of differences of means \*\*\*

|                    |                    |                      |
|--------------------|--------------------|----------------------|
| <b>NEMACIDE[1]</b> | <b>NEMACIDE[2]</b> | <b>NEMACIDE[1]</b>   |
|                    |                    | <b>NEMACIDE[2]</b>   |
|                    |                    | <b>&amp; NEMMAIN</b> |
| 1.80               | 1.80               | 2.54                 |

\*\*\*\*\* Stratum standard errors and coefficients of variation \*\*\*\*\*

|          |      |      |      |
|----------|------|------|------|
| Stratum  | d.f. | s.e. | cv%  |
| BLOCK.WP | 15   | 3.59 | 14.8 |

PLOT AREA HARVESTED 0.00150