# Yields of the Field Experiments 1995

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## 95/E/1 Meteorological Records 1995 - Rothamsted

### Rothamsted Research

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## METEOROLOGICAL RECORDS 1995 - ROTHAMSTED

(Departure from 30-year means in brackets)

Mean temperature: °C

| MONTH | Total sunshine: hours | Air(1) | Dew point | In ground under grass 30cm | In ground under grass 100cm |
|---|---|---|---|---|---|
| JAN | 61 ( +9) | 4.4 (+1.3) | 2.2 | 5.4 | 7.4 |
| FEB | 77 ( +12) | 6.3 (+3.0) | 4.1 | 6.4 | 7.1 |
| MAR | 197 ( +91) | 5.3 (+0.0) | 2.0 | 5.9 | 6.7 |
| APR | 186 ( +48) | 9.0 (+1.4) | 5.0 | 9.2 | 8.1 |
| MAY | 237 ( +50) | 11.5 (+0.6) | 7.9 | 11.7 | 9.9 |
| JUNE | 189 ( -2) | 13.8 (-0.1) | 9.3 | 13.9 | 11.8 |
| JULY | 252 ( +63) | 18.8 (+3.0) | 13.8 | 17.2 | 14.2 |
| AUG | 280 (+102) | 19.1 (+3.2) | 12.7 | 18.2 | 16.1 |
| SEPT | 139 ( -1) | 13.5 (-0.1) | 11.3 | 15.1 | 15.3 |
| OCT | 134 ( +30) | 13.0 (+2.6) | 10.9 | 13.5 | 13.9 |
| NOV | 70 ( +5) | 7.5 (+1.6) | 6.2 | 9.6 | 11.5 |
| DEC | 32 ( -14) | 2.0 (-2.0) | 1.0 | 6.0 | 8.9 |
| YEAR* | 1853 (+391) | 10.3 (+1.2) | 7.2 | 11.0 | 10.9 |

| MONTH | Ground frosts (2) | Total rainfall:mm 12.7cm (5 in) gauge | Rain days (3) | Drainage through 50.8cm (20 in) soil:mm | Wind km per hour (4) |
|---|---|---|---|---|---|
| JAN | 18 | 128 (+63) | 21 | 106 | 12.4 |
| FEB | 9 | 84 (+36) | 22 | 63 | 12.2 |
| MAR | 20 | 55 ( -2) | 15 | 30 | 10.1 |
| APR | 8 | 11 (-42) | 6 | 0 | 7.8 |
| MAY | 11 | 28 (-25) | 8 | 0 | 6.4 |
| JUNE | 0 | 28 (-29) | 11 | 2 | 7.0 |
| JULY | 0 | 19 (-28) | 9 | 0 | 5.3 |
| AUG | 0 | 2 (-51) | 2 | 0 | 6.5 |
| SEPT | 2 | 108 (+53) | 22 | 33 | 5.8 |
| OCT | 7 | 31 (-35) | 10 | 9 | 4.2 |
| NOV | 11 | 50 (-15) | 14 | 31 | 4.9 |
| DEC | 17 | 93 (+24) | 20 | 80 | 6.2 |
| YEAR* | 103 | 636 (-52) | 160 | 352 | 7.4 |

30-year means are for the period 1961-90
(1) Mean of maximum and minimum
(2) Number of nights grass min. was below $0.0^{\circ}C$
(3) Number of days rainfall was 0.2 mm or more
(4) At 2 metres above ground level
*Mean or total

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