

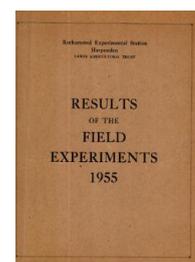
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Yields of the Field Experiments 1955

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METEOROLOGICAL RECORDS ROTHAMSTED 1955

(Departure from long period means in brackets)

| Month | Total sunshine: hours | Mean temperature: °F | | | Ground (2) frosts | Total rainfall: in. 1/1000 acre gauge | Rain (3) days | Drain- age through 20 in. soil: in. m.p.h. | Wind: (4) | |
|-------|-----------------------|----------------------|-----------|-----------------------|-------------------|---------------------------------------|---------------|--|-----------|-----|
| | | Air (1) | Dew point | In ground 1 ft. 4 ft. | | | | | | |
| Jan. | 34 (-18) | 35.2 (-2.1) | 32.9 | 36.8 | 43.6 | 23 | 2.75 (+0.25) | 19 | 2.16 | 5.5 |
| Feb. | 78 (+9) | 33.4 (-4.9) | 30.7 | 36.7 | 42.1 | 20 | 2.31 (+0.38) | 19 | 1.08 | 8.7 |
| Mar. | 149 (+32) | 36.9 (-4.4) | 30.9 | 36.6 | 40.0 | 24 | 1.45 (-0.46) | 10 | 1.12 | 6.5 |
| Apr. | 173 (+16) | 48.4 (+2.6) | 41.4 | 46.7 | 43.1 | 10 | 0.49 (-1.46) | 9 | - | 5.4 |
| May | 208 (+12) | 49.7 (-2.2) | 41.4 | 50.1 | 47.0 | 1 | 4.62 (+2.47) | 16 | 1.96 | 6.2 |
| June | 153 (-50) | 57.0 (-0.3) | 49.9 | 57.6 | 50.1 | 0 | 2.11 (-0.06) | 9 | 0.55 | 4.8 |
| July | 249 (+54) | 62.8 (+2.1) | 54.4 | 64.7 | 55.4 | 0 | 0.25 (-2.32) | 4 | - | 4.3 |
| Aug. | 191 (+6) | 63.9 (+3.7) | 57.0 | 64.8 | 57.6 | 0 | 0.81 (-1.78) | 8 | - | 3.2 |
| Sept. | 155 (+9) | 57.7 (+1.7) | 50.7 | 58.6 | 57.6 | 0 | 1.88 (-0.50) | 14 | - | 3.3 |
| Oct. | 122 (+18) | 48.1 (-0.8) | 43.1 | 50.0 | 54.3 | 6 | 3.29 (+0.31) | 17 | 1.66 | 4.1 |
| Nov. | 43 (-20) | 43.9 (+1.5) | 40.2 | 44.5 | 49.8 | 10 | 2.07 (-0.76) | 18 | 1.69 | 3.8 |
| Dec. | 51 (+6) | 41.2 (+2.6) | 38.5 | 41.3 | 46.4 | 14 | 2.60 (+0.04) | 23 | 1.82 | 5.8 |
| Year | 1606 (+74) | 48.2 - | 42.6 | 49.0 | 48.9 | 108 | 24.63 (-3.89) | 166 | 12.04 | 5.1 |

(1) Mean of maximum and minimum.

(2) Number of nights grass minimum was 30°F or less.

‡ Mean or total.

(3) Number of days rainfall was 0.01 in. or more.
(4) At 2 metres above ground level.