

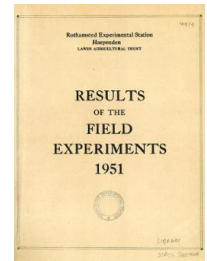
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Yields of the Field Experiments 1951

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51/E/2 Meteorological Readings - Rothamsted

Rothamsted Research

Rothamsted Research (1952) *51/E/2 Meteorological Readings - Rothamsted* ; Yields Of The Field Experiments 1951, pp 95 - 95 - DOI: <https://doi.org/10.23637/ERADOC-1-171>

METEOROLOGICAL RECORDS ROTHAMSTED 1951

(Departure from long period means in brackets)

Month	Total Hours of Sunshine	Mean Temperature (°F.)				In Ground 4 ft	Ground Frosts	Rainfall (in) Total 1/1000 acre Gauge	Rain (3) days	Drainage through 20 in. soil	Wind (4) m. p. h.
		Air (1)	Dew Point	1 ft	4 ft						
Jan.	43 (-10)	38.1 (+0.7)	36.0	37.4	41.3	15	15	3.49 (+0.97)	21	3.64	5.4
Feb.	50 (-19)	37.7 (-0.7)	34.4	37.1	40.6	18	18	4.74 (+2.84)	23	4.18	5.3
Mar.	92 (-26)	39.1 (-2.2)	34.3	38.7	40.6	15	15	3.61 (+1.72)	22	2.15	6.3
Apr.	183 (+28)	43.7 (-2.1)	36.6	43.4	42.5	10	10	2.85 (+0.90)	18	1.59	6.3
May	134 (-63)	49.7 (-2.2)	43.8	48.6	45.5	1	1	2.62 (+0.47)	17	0.54	6.7
June	250 (+46)	56.5 (-0.8)	48.9	58.4	50.5	0	0	1.15 (-1.03)	9	-	4.9
July	193 (-3)	61.6 (+0.9)	53.9	62.7	54.4	0	0	1.31 (-1.26)	9	-	3.8
Aug.	156 (-30)	58.7 (-1.5)	52.6	60.0	56.6	0	0	3.92 (+1.37)	18	1.08	3.4
Sept.	114 (-33)	57.1 (+1.0)	53.4	57.4	56.6	0	0	3.47 (+1.11)	13	1.68	3.7
Oct.	107 (+2)	48.5 (-0.4)	45.6	49.6	54.0	7	7	1.31 (-1.70)	14	0.35	3.4
Nov.	60 (-3)	46.5 (+4.1)	44.4	45.9	54.1	4	4	5.39 (+2.61)	27	4.77	3.4
Dec.	52 (+7)	41.2 (+2.7)	38.4	40.9	46.6	11	11	2.12 (-0.47)	17	1.59	5.5
Year	1434 (-104)	48.2 (-)	43.5	48.3	48.6	81	81	35.98 (+7.53)	208	21.57	4.8

(1) Mean of Maximum and Minimum.

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

(3) Number of days rainfall was 0.01 in. or more.

(4) At 2 metres above ground level.

Erratum to 1950 report E/2.1 Under 'Rainfall (in) Total', for '1/1000 acre' read '1/1000 acre'.

51/E/2.1