

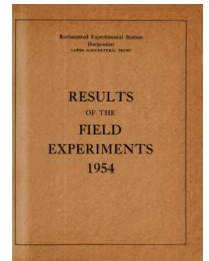
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Yields of the Field Experiments 1954

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54/R/E/2 Meteorological Readings - Rothamsted

Rothamsted Research

Rothamsted Research (1955) *54/R/E/2 Meteorological Readings - Rothamsted* ; Yields Of The Field Experiments 1954, pp 96 - 96 - DOI: <https://doi.org/10.23637/ERADOC-1-184>

METEOROLOGICAL RECORDS ROTHAMSTED 1954

(Departure from long period means in brackets)

Month	Total Hours of Sunshine	Mean Temperature (°F)			In ground		Ground ⁽²⁾ Frosts	Total Rainfall (in) 1/1000 acre Gauge	Rain ⁽³⁾ Days	Drain- age through 20 in soil	Wind ⁽⁴⁾ m. p. h.
		Air ⁽¹⁾	Dew Point		1 ft	4 ft					
Jan.	66 (+14)	32.7 (-4.7)	32.1		37.7	45.1	20	1.21 (-1.30)	15	0.81	7.4
Feb.	60 (-9)	35.7 (-2.7)	32.7		35.4	41.3	16	2.33 (+0.41)	17	1.23	5.0
Mar.	99 (-19)	41.9 (+0.6)	37.5		40.7	42.0	10	2.59 (+0.68)	17	1.20	5.6
Apr.	175 (+19)	44.7 (-1.1)	35.4		44.9	44.6	18	0.30 (-1.67)	6	0.16	5.6
May	140 (-57)	52.0 (+0.1)	44.2		51.0	47.1	3	2.47 (+0.33)	14	0.16	5.0
June	138 (-66)	56.1 (-1.2)	49.7		56.7	51.4	0	3.67 (+1.52)	15	1.94	4.8
July	147 (-48)	57.5 (-3.2)	51.4		58.2	54.6	0	3.63 (+1.08)	18	0.85	4.4
Aug.	122 (-63)	58.2 (-2.0)	53.8		58.1	56.0	0	3.63 (+1.05)	18	1.62	3.6
Sept.	160 (+15)	55.0 (-1.0)	46.0		55.9	56.1	0	1.96 (-0.42)	19	0.00	4.3
Oct.	91 (-14)	53.3 (+4.4)	50.2		52.6	54.1	1	2.10 (-0.89)	21	0.70	4.4
Nov.	53 (-10)	43.7 (+1.3)	40.6		45.0	50.9	1	5.31 (+2.50)	20	4.64	4.3
Dec.	53 (+8)	42.5 (+3.9)	38.8		41.7	46.7	11	2.00 (-0.56)	17	1.76	6.6
Year*	1304 (-230)	47.8 (-0.4)	42.7		48.2	49.2	90	31.20 (+2.73)	197	15.07	5.1

(1) Mean of maximum and minimum.

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

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

(4) At 2 metres above ground level.

* Mean or total.

54/E/2.1