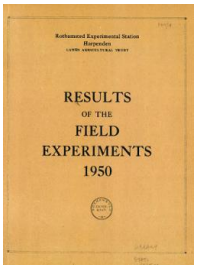
This work is licensed under a Creative Commons Attribution 4.0 International License.

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readible, or you suspect there are some problems, please let us know and we will correct that.

Yields of the Field Experiments 1950

Full Table of Content



50/E/2 Meteorological Readings - Rothamsted

Rothamsted Research

Rothamsted Research (1951) *50/E/2 Meteorological Readings - Rothamsted ;* Yields Of The Field Experiments 1950, pp 89 - 89 **- DOI: https://doi.org/10.23637/ERADOC-1-185**

This work is licensed under a Creative Commons Attribution 4.0 International License.

METEOROLOGICAL RECORDS ROTHAMSTED 1950

(Departure from Long period means in brackets)

Month	Total Hours of Sunshine	Mean Temperature (°F) Air(1)	Dew Point	In Ground 1 ft	In Ground 4 ft	Ground(2) Frosts	Rainfall (in) Total 1/100 acre Gauge	Rain(3) Days	Drainage through 20 in: Soil	Wind(4) m.p.h.
Jan.	36 (-17)	38.3 (+0.9)	35.9	40.1	45.1	14	1.00 (-1.54)	15	0.33	4.7
Feb.	58 (-12)	41.7 (+3.3)	37.6	40.0	42.7	10	4.61 (+2.74)	22	4.11	5.7
Mar.	126 (+ 9)	44.5 (+3.2)	39.0	42.9	43.6	11	0.89 (-1.02)	15	-	4.2
Apr.	147 (- 9)	45.3 (-0.5)	37.9	44.8	45.5	7	1.95 (-)	19	0.14	6.0
May	153 (-45)	51.3 (-0.6)	45.5	51.3	48.1	3	2.03 (-0.12)	12	0.35	4.7
June	261 (+58)	60.8 (+3.5)	53.2	62.4	53.4	0	1.56 (-0.62)	10	0.06	3.2
July	189 (- 7)	60.3 (-0.4)	53.6	62.3	57.1	0	5.50 (+2.96)	15	2.51	2.9
Aug.	165 (-21)	59.9 (-0.3)	54.5	61.2	58.6	0	3.54 (+1.00)	18	1.09	2.5
Sept.	115 (-32)	55.0 (-1.1)	50.1	55.6	57.4	0	3.33 (+0.98)	25	1.08	4.1
Oct.	104 (- 1)	49.1 (+0.2)	44.8	50.1	54.5	5	0.62 (-2.41)	13	0.10	3.3*
Nov.	56 (- 7)	41.9 (-0.5)	39.2	42.9	49.5	10	5.39 (+2.64)	24	4.13	5.6
Dec.	41 (- 4)	32.9 (-5.7)	30.3	36.4	44.6	21	1.71 (-0.88)	19	0.91	5.8
Year	1451 (-88)	48.4 (+0.1)	43.5	49.2	50.0	81	32.13 (+3.72)	207	14.81	4.4

(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.

*Record for 30 days.

E/2..

https://doi.org/10.23637/ERADOC-1-185