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Yields of the Field Experiments 1948

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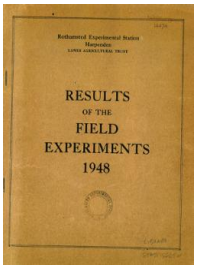

48/Z/2 Meteorological Readings

Rothamsted Research

Rothamsted Research (1949) *48/Z/2 Meteorological Readings ;* Yields Of The Field Experiments 1948, pp 99 - 99

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METEOROLOGICAL RECORDS, 1948

(Departure from Long period means in brackets)

Month	Total Hours of Sunshine	Mean Temperature (°F) Air(1)	Dew Point	Ground 1 ft	Ground 4 ft	Ground Frosts(2)	Rainfall (in) Total 1/1000 acre Gauge	Rain Days(3)	Drainage through 20 in: Soil	Wind(4) m.ph
Jan.	40 (-13)	41.3 (+4.0)	38.2	40.4	45.0	12	5.13 (+2.61)	24	4.92	7.3
Feb.	87 (+19)	39.7 (+1.4)	34.0	39.7	43.7	15	1.02 (-0.87)	11	0.59	8.1
Mar.	156 (+39)	46.4 (+5.2)	38.8	43.7	43.5	13	0.96 (-0.96)	10	-	5.2
Apr.	210 (+56)	48.3 (+2.6)	41.1	47.5	45.9	6	1.44 (-0.52)	14	.44	5.8
May.	228 (+31)	52.1 (+0.2)	44.5	53.7	49.7	1	3.09 (+0.95)	14	0.80	4.9
June	152 (-52)	55.9 (-1.4)	49.6	56.7	52.8	0	3.04 (+0.85)	20	0.50	4.9
July	185 (-11)	59.9 (-0.8)	51.7	59.9	55.4	0	0.95 (-1.62)	11	0.10	4.1
Aug.	133 (-53)	59.0 (-1.2)	52.6	60.7	58.1	0	2.64 (+0.09)	17	0.70	3.8
Sept.	140 (- 7)	56.8 (+0.8)	51.5	57.5	57.1	1	1.86 (-0.51)	15	0.54	4.2
Oct.	91 (-14)	48.8 (0.0)	45.1	50.4	54.5	6	2.27 (-0.74)	11	1.06	3.5
Nov.	62 (- 1)	43.1 (+0.7)	40.2	44.3	49.8	9	1.73 (-1.03)	22	1.40	3.4
Dec.	49 (- 2)	41.9 (+3.4)	38.7	41.9	46.8	11	3.09 (+0.49)	19	2.58	5.8
Year	1533 (- 2)	49.4 (+1.2)	43.8	49.7	50.2	74	27.22 (-1.27)	188	13.63	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.

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