

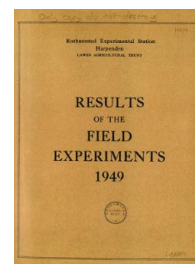
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Yields of the Field Experiments 1949

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49/Z/2 Meteorological Readings

49/Z/2 Meteorological Readings, Rothamsted Research (1950) Yields Of The Field Experiments 1949, pp 99 - 99

METEOROLOGICAL RECORDS, 1949

(Departure from Long period means in brackets)

Month	Total Hours of Sunshine	Mean Temperature (°F)			Ground (2) Frosts	Rainfall (in)		Rain (3) Days	Drainage through 20 in: Soil	Wind (4) m.p.h
		Air (1)	Dew Point	In Ground 1 ft 4 ft		Total 1/1000 acre Gauge				
Jan.	55 (+ 3)	40.3 (+ 3.0)	36.4	39.6 43.9	14	1.56 (-0.99)	15	1.42	5.6	
Feb.	116 (+47)	40.7 (+ 2.4)	36.1	38.6 42.2	17	1.36 (-0.52)	12	0.85	5.3	
Mar.	105 (-13)	39.7 (- 1.6)	34.1	39.5 42.2	17	1.41 (-0.50)	10	0.50	6.5	
Apr.	139 (+34)	49.5 (+ 3.8)	41.7	48.5 45.3	4	1.94 (-0.01)	13	0.38	6.3	
May	206 (+ 8)	50.7 (- 1.2)	42.6	48.9 52.6	4	2.05 (-0.10)	9	0.34	4.5	
June	224 (+21)	58.1 (+ 0.8)	50.8	52.7 60.0	0	0.64 (-1.56)	6	-	3.6	
July	226 (+30)	63.4 (+ 2.7)	52.9	57.1 65.9	0	1.13 (-1.43)	7	-	3.8	
Aug.	221 (+35)	62.6 (+ 2.4)	52.9	59.0 63.8	0	1.73 (-0.82)	8	-	3.9	
Sept.	155 (+ 8)	62.5 (+ 6.5)	56.4	59.5 62.7	0	0.53 (-1.84)	11	-	4.0	
Oct.	126 (+21)	53.0 (+ 4.2)	48.8	54.4 57.5	4	6.14 (+3.14)	19	4.35	3.5	
Nov.	77 (+15)	42.7 (+ 0.3)	39.3	42.8 50.4	11	2.96 (+0.21)	20	2.51	4.7	
Dec.	57 (+13)	41.3 (+ 2.7)	37.3	41.2 46.1	11	1.52 (-1.09)	19	1.04	6.1	
Year	1758 (+223)	50.4 (+ 2.2)	44.1	50.8 50.4	82	22.97 (-5.50)	149	11.39	4.8	

49/7/2

(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.