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Yields of the Field Experiments 1979

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79/E/1 Meteorological Records 1979 - Rothamsted

Rothamsted Research

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79/E/1

METEOROLOGICAL RECORDS 1979 - ROTHAMSTED

(Departure from long-period means in brackets)

MONTH	Total sunshine: hours	Air(1)	Mean temperature: C		
			Dew point	In ground under grass	
				30cm	100cm
JAN	53 (+1)	-1.3 (-4.3)	-2.7	3.0	5.9
FEB	54 (-13)	0.7 (-2.7)	-1.0	2.1	4.1
MAR	90 (-25)	4.3 (-0.8)	2.0	4.0	4.5
APR	114 (-37)	7.6 (+0.0)	4.1	7.1	6.0
MAY	202 (+8)	10.3 (-0.7)	6.0	10.5	8.5
JUNE	143 (-60)	13.6 (-0.4)	10.6	14.2	11.5
JULY	183 (-9)	15.9 (-0.3)	11.4	15.7	13.5
AUG	162 (-18)	15.0 (-0.6)	11.0	15.6	14.3
SEPT	172 (+28)	13.4 (+0.0)	9.7	14.2	13.8
OCT	117 (+14)	11.0 (+1.4)	9.4	12.2	12.6
NOV	63 (+1)	5.9 (+0.1)	4.5	8.3	10.1
DEC	52 (+7)	5.2 (+1.4)	3.0	7.0	8.6
YEAR*	1405(-103)	8.4 (-0.5)	5.7	9.5	9.5

MONTH	Ground(2) frosts	Total rainfall:mm 0.000405 ha (1/1000 acre) gauge	Rain(3) days	Drainage through 50.8cm (20 in) soil:mm	Wind(4) km per hour
JAN	29	77 (+12)	20	57	9.3
FEB	27	71 (+22)	13	67	10.0
MAR	16	133 (+84)	26	97	12.7
APR	12	95 (+46)	15	55	9.7
MAY	7	112 (+58)	19	61	9.1
JUNE	0	32 (-25)	13	1	6.5
JULY	0	24 (-38)	6	TRACE	6.2
AUG	2	69 (+4)	13	9	6.4
SEPT	7	19 (-42)	7	TRACE	7.5
OCT	9	86 (+13)	16	44	6.6
NOV	18	57 (-14)	21	41	9.1
DEC	15	134 (+68)	23	109	12.3
YEAR*	142	909(+188)	192	541	8.8

(1)Mean of maximum and minimum

(2)Number of nights grass min. was below 0.0 C

*Mean or total

(3)Number of days rainfall
was 0.2 mm or more

(4)At 2 metres above ground level