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Yields of the Field Experiments 1978

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78/E/1 Meteorological Records 1978 - Rothamsted

Rothamsted Research

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78/E/1

METEOROLOGICAL RECORDS 1978 - 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	44 (-7)	2.4 (-0.5)	0.8	4.4	6.6
FEB	53 (-14)	2.4 (-1.1)	0.2	3.1	5.0
MAR	122 (+6)	6.4 (+1.2)	3.7	5.9	5.9
APR	110 (-41)	6.1 (-1.5)	3.0	6.8	6.7
MAY	205 (+11)	11.0 (0.0)	7.0	10.9	8.8
JUNE	161 (-43)	13.4 (-0.6)	9.3	14.0	11.9
JULY	146 (-46)	14.6 (-1.2)	11.1	14.7	12.9
AUG	166 (-14)	15.0 (-0.6)	11.0	15.7	14.2
SEPT	156 (+12)	14.2 (+0.8)	10.0	14.2	13.9
OCT	102 (-1)	11.5 (+2.0)	9.0	11.9	12.5
NOV	87 (+25)	8.0 (+2.2)	6.1	10.0	11.3
DEC	36 (-9)	3.7 (0.0)	2.2	6.0	8.4
YEAR*	1388(-121)	9.0 (0.0)	6.1	9.8	9.8

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	23	104 (+40)	20	92	10.1
FEB	21	61 (+11)	16	48	10.3
MAR	18	80 (+31)	22	46	12.6
APR	15	57 (+8)	16	27	10.7
MAY	5	69 (+15)	12	47	7.5
JUNE	1	87 (+30)	13	14	7.1
JULY	0	60 (-3)	12	17	6.7
AUG	1	37 (-28)	13	9	5.9
SEPT	1	31 (-30)	9	TRACE	9.4
OCT	8	5 (-68)	9	0	6.6
NOV	10	23 (-48)	11	0	10.0
DEC	17	131 (+65)	23	108	10.5
YEAR*	120	745 (+23)	176	408	8.9

(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