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Yields of the Field Experiments 1994

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94/E/1 Meteorological Records 1994 - Rothamsted

Rothamsted Research

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METEOROLOGICAL RECORDS 1994 - ROTHAMSTED

(Departure from 30-year means in brackets)

MONTH	Total sunshine: hours	Mean temperature: °C			
		Air(1)	Dew point	In ground under grass	
				30cm	100cm
JAN	71 (+19)	4.8 (+1.8)	3.5	4.8	6.3
FEB	65 (+0)	3.0 (-0.2)	1.5	4.1	5.8
MAR	139 (+32)	7.5 (+2.3)	4.5	6.7	6.3
APR	176 (+38)	7.9 (+0.3)	4.3	8.0	7.4
MAY	156 (-31)	10.6 (-0.3)	7.4	11.8	10.0
JUNE	264 (+73)	14.7 (+0.8)	10.4	14.3	11.9
JULY	253 (+64)	18.7 (+2.9)	14.2	17.5	14.5
AUG	197 (+18)	16.4 (+0.6)	12.2	16.7	15.6
SEPT	114 (-27)	13.1 (-0.5)	10.2	14.1	14.3
OCT	126 (+22)	10.1 (-0.3)	8.4	11.7	12.6
NOV	42 (-24)	9.8 (+3.8)	8.7	10.8	11.3
DEC	73 (+27)	6.1 (+2.0)	4.7	7.9	9.8
YEAR*	1674 (+212)	10.2 (+1.1)	7.5	10.7	10.5

MONTH	Ground frosts (2)	Total rainfall:mm		Rain days (3)	Drainage through 50.8cm (20 in) soil:mm	Wind km per hour (4)
		12.7cm (5 in) gauge				
JAN	20	103 (+38)		22	89	10.8
FEB	22	54 (+6)		14	41	7.9
MAR	16	55 (-2)		19	14	13.7
APR	12	65 (+12)		16	35	11.4
MAY	5	69 (+16)		15	24	7.3
JUNE	2	18 (-39)		9	0	7.9
JULY	0	23 (-24)		10	0	5.3
AUG	0	54 (+0)		12	10	5.8
SEPT	1	65 (+10)		14	25	7.1
OCT	12	88 (+23)		15	56	6.8
NOV	4	41 (-24)		12	31	7.0
DEC	19	91 (+21)		15	71	10.8
YEAR*	113	726 (+38)		173	396	8.5

30-year means are for the period 1961-90

(1)Mean of maximum and minimum

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

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

(4)At 2 metres above ground level

*Mean or total