Yields of the Field Experiments 1993

93/E/1 Meteorological Records 1993 - Rothamsted

Rothamsted Research

METEOROLOGICAL RECORDS 1993 - ROTHAMSTED

(Departure from 30-year means in brackets)

Mean temperature: °C

MONTH	Total sunshine: hours	Air(1)	Dew point	In ground under grass 30cm	In ground under grass 100cm
JAN	36 (-16)	5.8 (+2.7)	3.5	5.5	6.7
FEB	46 (-19)	3.9 (+0.7)	1.7	5.9	6.8
MAR	128 (+22)	6.3 (+1.0)	3.1	6.2	6.7
APR	115 (-24)	9.4 (+1.9)	6.8	8.9	7.9
MAY	196 (+9)	11.7 (+0.8)	7.7	11.7	10.1
JUNE	223 (+32)	15.1 (+1.2)	11.3	15.2	12.6
JULY	185 (-4)	15.3 (-0.6)	11.9	16.0	14.3
AUG	222 (+44)	14.8 (-1.1)	10.9	15.8	14.7
SEPT	103 (-37)	12.4 (-1.2)	10.6	14.0	14.0
OCT	121 (+17)	8.9 (-1.5)	6.5	11.0	12.3
NOV	70 (+5)	4.6 (-1.4)	3.1	7.6	9.9
DEC	55 (+8)	5.3 (+1.2)	3.4	5.9	7.7
YEAR*	1500 (+37)	9.4 (+0.3)	6.7	10.3	10.3

MONTH	Ground frosts (2)	Total rainfall:mm 12.7cm (5 in) gauge	Rain days (3)	Drainage through 50.8cm (20 in) soil:mm	Wind km per hour (4)
JAN	16	90 (+24)	25	73	12.1
FEB	15	8 (-40)	7	3	7.8
MAR	19	23 (-34)	4	0	8.4
APR	9	90 (+36)	16	59	9.2
MAY	7	45 (-8)	12	8	9.7
JUNE	0	131 (+74)	12	88	5.3
JULY	3	59 (+12)	18	1	6.3
AUG	2	39 (-14)	9	5	5.7
SEPT	7	115 (+60)	18	66	5.4
OCT	7	124 (+58)	18	100	6.9
NOV	19	56 (-8)	11	36	6.2
DEC	15	110 (+41)	21	92	12.9
YEAR*	119	888 (+200)	171	530	8.0

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

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