Yields of the Field Experiments 1997

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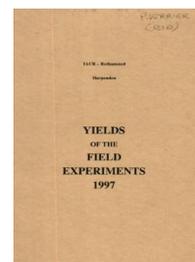
97/E/1 Meteorological Records 1997 - Rothamsted

Rothamsted Research

METEOROLOGICAL RECORDS 1997 - 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	61	(+9)	1.7	(-1.4)	0.3	2.6	5.1
FEB	58	(-7)	6.3	(+3.1)	4.1	5.2	5.5
MAR	138	(+32)	8.1	(+2.9)	4.9	7.8	7.1
APR	191	(+53)	8.6	(+1.0)	4.0	9.1	8.4
MAY	262	(+75)	11.5	(+0.6)	7.7	12.2	10.3
JUN	160	(-31)	14.3	(+0.4)	10.7	15.0	12.7
JUL	230	(+41)	16.6	(+0.7)	12.5	16.8	14.3
AUG	202	(+23)	19.5	(+3.7)	16.2	18.1	16.0
SEP	180	(+40)	14.6	(+1.0)	11.1	15.3	15.3
OCT	164	(+60)	10.1	(-0.3)	7.0	12.4	13.6
NOV	64	(-1)	8.1	(+2.1)	6.3	8.8	10.5
DEC	42	(+5)	5.4	(+1.4)	3.8	6.9	8.8
YEAR*	1752	(+289)	10.4	(+1.3)	7.4	10.9	10.6

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	23	13	(-53)	12	9	6.0
FEB	10	88	(+40)	16	58	14.0
MAR	13	12	(-46)	10	1	8.6
APR	21	15	(-38)	7	0	7.0
MAY	13	31	(-22)	13	0	6.5
JUN	0	117	(+59)	19	49	6.5
JUL	0	43	(-4)	12	1	3.6
AUG	0	49	(-4)	14	14	5.1
SEP	0	12	(-43)	6	0	5.6
OCT	10	54	(-12)	8	24	5.3
NOV	9	82	(+18)	20	80	5.5
DEC	14	61	(-8)	18	50	8.9
YEAR*	113	576	(-113)	155	286	6.9

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