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Yields of the Field Experiments 1972

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72/E/1 MeteOrological Records - Rothamsted, Woburn and Saxmundham

Rothamsted Research

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72/E/1

METEOROLOGICAL RECORDS 1972 - ROTHAMSTED

(Departure from long-period means in brackets)

Month	Total sunshine: hours	Mean temperature: °C		In ground 30cm.100cm. frosts	Total rainfall: mm. 0.000405 HA (1/1000 acre) gauge	Rain(3) days	Drain- age through 50.8 cm (20 in.) soil: mm.	Wind(4) miles per hour
		Air(1)	Dew point					
Jan	43.8 (-8.0)	3.1 (+0.2)	1.5	4.9	6.9	17	75.7	5.8
Feb	30.2 (-38.1)	3.9 (+0.5)	2.4	4.0	5.4	15	58.4	5.6
Mar	149.3 (+33.6)	6.4 (+1.2)	3.0	5.7	5.9	20	36.6	6.2
Apr	109.3 (-42.6)	8.0 (+0.3)	4.2	8.3	7.6	10	24.1	7.9
May	165.5 (-28.9)	10.5 (-0.6)	7.0	10.6	9.2	3	3.5	6.8
June	160.3 (-41.8)	11.7 (-2.4)	8.2	12.7	11.0	0	TR	4.5
July	158.4 (-32.7)	15.5 (-0.4)	11.9	15.0	12.9	0	TR	3.9
Aug	165.5 (-13.6)	15.1 (-0.5)	11.5	15.2	14.0	0	12.2	3.9
Sept	123.9 (-20.4)	11.7 (-1.7)	8.1	12.9	13.3	2	TR	4.0
Oct	102.1 (-1.2)	10.5 (+0.9)	7.5	10.7	11.6	9	8.9	5.3
Nov	86.2 (+25.3)	5.7 (-0.1)	3.5	7.8	9.9	16	46.2	6.2
Dec	44.6 (-0.1)	5.1 (+1.5)	3.8	6.3	7.8	21	88.4	5.4
Year*	1339.1 (-168.5)	8.9 (-0.1)	6.1	9.5	9.6	113	354.0	5.4
					647 (-73)	169		

(1) Mean of maximum and minimum

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

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

(4) At 2 metres above ground level.

* Mean or total

72/E/1

METEOROLOGICAL RECORDS 1972 - WOBURN

(Departure from long-period means in brackets)

Month	Total sunshine: hours	Mean temperature: °C		In ground 30cm. 100cm.	Ground(2) frosts	Total rainfall: mm 12.7 cm (5 in.) gauge	Rain(3) days	Wind(4) miles per hour
		Air(1)	Dew point					
Jan	42.7 (-8.6)	3.5 (+0.4)	1.8 (-0.4)	4.9 (-0.4)	14	59.1 (+4.7)	20	5.3
Feb	36.3 (-30.4)	4.1 (+0.8)	2.7 (-0.8)	4.1 (-0.8)	15	38.1 (-1.3)	16	4.9
Mar	141.1 (+24.1)	6.5 (+1.1)	3.3 (+0.6)	5.9 (+1.1)	20	42.6 (+0.6)	16	5.4
Apr	103.3 (-40.5)	8.1 (0.0)	4.0 (-0.6)	8.5 (+1.1)	5	48.5 (+3.0)	18	6.9
May	149.1 (-35.8)	10.5 (-0.6)	6.4 (-0.6)	11.1 (+1.1)	2	39.9 (-13.9)	20	6.3
June	156.3 (-41.7)	11.9 (-2.4)	7.9 (-0.8)	13.3 (+1.1)	1	27.3 (-23.0)	12	5.3
July	138.1 (-43.2)	15.3 (-0.8)	11.8 (-0.8)	15.8 (+1.1)	0	67.5 (+11.5)	13	4.0
Aug	157.8 (-13.1)	15.0 (-0.8)	11.5 (-0.8)	15.9 (+1.1)	0	15.2 (-47.5)	4	4.0
Sept	113.2 (-22.1)	11.4 (-2.3)	8.2 (-0.8)	13.3 (+1.1)	4	35.7 (-15.7)	6	3.1
Oct	94.6 (-8.1)	10.1 (0.0)	7.8 (-0.3)	10.9 (+1.1)	10	21.8 (-32.8)	8	4.0
Nov	78.9 (+19.3)	6.0 (-0.3)	3.4 (-0.3)	7.8 (+1.1)	15	51.7 (-12.8)	13	6.5
Dec	48.4 (+4.2)	5.3 (+1.4)	3.6 (+1.4)	6.3 (+1.4)	16	46.3 (-6.0)	14	5.5
Year*	1259.8 (-195.9)	9.0 (-0.3)	6.0 (-0.3)	9.8 (+1.1)	102	493.7 (-133.2)	160	5.1

(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

72/E/1

METEOROLOGICAL RECORDS 1972 - SAXMUNDHAM

Month	Mean temperature: °C			Ground(2) frosts	Total rainfall: mm. (5 in.) gauge	Rain(3) days	Wind(4) miles per hour
	Air(1)	Dew point	In ground under bare soil 30 cm.				
Jan	3.7	1.7	4.3	13	62	10	6.8
Feb	4.3	2.8	4.1	10	32	9	6.0
Mar	6.5	3.9	5.6	17	31	8	7.2
Apr	8.0	4.4	8.3	4	45	16	8.4
May	10.7	7.2	11.3	1	39	15	7.3
June	12.3	10.0	13.2	0	44	12	5.4
July	15.7	11.7	17.4	0	51	8	3.8
Aug	15.3	11.1	15.9	0	10	4	4.7
Sept	11.9	8.9	13.0	0	66	7	4.3
Oct	10.5	7.8	10.9	5	6	4	5.7
Nov	5.8	3.9	6.9	7	49	12	7.4
Dec	5.7	4.4	5.9	6	30	10	6.9
Year*	9.2	6.5	9.7	63	465	115	6.2

(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