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ROTHAMSTED
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Yields of the Field Experiments 2003

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Results of the
Classical
and other
Long-term Experiments
2003

Rothamsted Research

Weather Monthly Summary

Rothamsted Research

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Rothamsted Experimental Station														
The Weather : Monthly Summary : 2003														
(Departure from 30-year means (1971 - 2000) in brackets)														
	Sunshine		Mean temperatures oC							Rain		Drainage	Wind	
			Maximum		Minimum		Dew	Ground	In ground under grass		Total mm	Rain	20 inch	***
	Hours	()		()		()	point	frosts *	30 cm	100 cm	5" turf wall	days **	mm	km/hr
January	67.8	(+12.7)	6.51	(+0.17)	1.26	(+0.4)	2.24	14	5.22	7.36	96.0 (+26.3)	21	68.0	11.2
February	94.2	(+23.5)	6.91	(+0.20)	0.40	(-0.34)	0.95	20	4.05	6.05	25.6 (-23.2)	11	27.8	7.9
March	168.0	(+60.8)	12.09	(+2.60)	2.48	(+0.15)	3.82	19	6.67	6.73	23.5 (-30.4)	8	12.6	8.3
April	186.4	(+39.6)	14.18	(+2.24)	4.24	(+0.62)	4.56	13	8.92	8.37	37.7 (-15.8)	8	0.0	8.5
May	196.0	(+1.1)	16.92	(+1.17)	7.40	(+1.08)	8.35	2	12.37	10.75	43.2 (-6.5)	14	5.8	6.6
June	220.6	(+30.3)	21.35	(+2.75)	11.18	(+1.97)	11.9	0	16.44	13.95	45.1 (-15.1)	12	0.0	5.4
July	204.5	(+1.2)	22.9	(+1.48)	12.89	(+1.53)	12.5	0	17.7	15.88	39.6 (-2.5)	14	0.0	5.6
August	247.4	(+50.6)	24.95	(+3.52)	13.40	(+2.05)	12.5	0	18.64	17.12	2.3 (-51.4)	3	0.0	8.0
September	188.5	(+46.2)	20.47	(+2.48)	8.58	(-0.86)	9.98	3	15.56	16.07	15.1 (-45.9)	5	0.0	4.6
October	145.8	(+33.7)	13.28	(-0.46)	5.06	(-1.59)	5.98	13	11.37	13.41	37.9 (-36.8)	13	0.0	8.9
November	80.3	(+10.2)	11.17	(+1.79)	5.36	(+2.03)	6.83	7	9.35	10.93	137.4 (+71.2)	19	104.1	7.6
December	63.4	(+15.3)	7.37	(+0.18)	1.85	(-0.07)	2.76	17	6.16	8.33	90.6 (+20.5)	24	40.5	8.5
Year	1862.9		14.84		6.18			108			594	152	258.8	
* Number of nights grass minimum was below 0.0 oC														
** Number of days rain was 0.2 mm or more														
*** At 2 metres above ground														

Woburn Experimental Farm														
The Weather : Monthly Summary : 2003														
(Departure from 30-year means (1971 - 2000) in brackets)														
	Sunshine		Mean temperatures oC								Rain		Wind	
			Maximum		Minimum		Dew	Ground	In ground under grass		Total mm		Rain	***
	Hours	()		()		()	point	frosts *	30 cm	100 cm	Tipping bucket	days **	km/hr	
											()			
January	79.20	(+30.7)	6.65	(-0.07)	1.42	(+0.38)	3.12	12	5.27	7.17	74.4	(+19.1)	20	9.85
February	110.30	(+46.3)	8.10	(+1.01)	-0.14	(-0.96)	0.94	19	4.04	5.94	17.6	(-23.0)	15	6.08
March	181.00	(+79.7)	13.50	(+3.62)	2.07	(-0.32)	3.26	13	6.37	6.51	20.2	(-29.4)	11	6.94
April	184.90	(+49.1)	14.68	(+2.43)	3.30	(-0.11)	3.67	9	8.45	7.88	28.3	(-24.4)	11	17.06
May	193.90	(+10.8)	16.96	(+0.92)	7.23	(+1.19)	7.95	1	11.38	9.87	18.0	(-34.7)	10	8.79
June	221.70	(+44.8)	21.83	(+2.89)	10.52	(+1.51)	12.22	0	14.90	12.30	53.6	(-5.2)	12	5.97
July	197.90	(+4.2)	22.72	(+1.00)	12.67	(+1.19)	12.62	0	16.59	14.16	47.4	(+1.8)	14	6.60
August	224.50	(+39.9)	24.93	(+3.34)	11.96	(+0.86)	12.97	0	17.60	15.65	5.2	(-49.3)	4	4.53
September	185.00	(+53.8)	20.84	(+2.59)	7.90	(-1.39)	9.67	3	14.57	14.93	20.8	(-37.3)	13	4.62
October	140.10	(+36.3)	13.68	(-0.37)	3.97	(-2.51)	5.66	13	10.43	12.69	38.0	(-26.4)	20	6.64
November	77.80	(+14.4)	11.44	(+1.81	5.48	(+2.09)	6.49	6	9.02	10.63	101.8	(+44.6)	21	8.25
December	61.30	(+19.7)	7.72	(+0.21)	1.25	(-0.66)	2.70	15	6.36	8.83	73.6	(+14.1)	23	7.83
Year	1857.6							91						
* Number of nights grass minimum was below 0.0 oC														
** Number of days rain was 0.2 mm or more														
*** At 2 metres above ground														