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Yields of the Field Experiments 2002

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Yields of the
Classical
and other
Long-term Experiments
2002

IACR - Rothamsted

Weather Monthly Summary

Rothamsted Research

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Rothamsted Experimental Station															
The Weather : Monthly Summary : 2002															
(Departure from 30-year means (1971 - 2000) in brackets)															
	Sunshine		Mean temperatures oC						Rain		Drainage	Wind			
	Hours	()	Maximum	Minimum	Dew	Ground	In ground under grass	Total mm	Rain	20 inch	***				
		()	()	()	point	frosts *	30 cm	100 cm	5" turf wall	days **	mm	km/hr			
January	37.8	(-17.3)	8.35	(+2.01)	2.39	(+1.53)	3.45	11	4.89	6.59	69.4	(-0.3)	21	54.2	9.9
February	80.1	(+9.4)	10.06	(+3.35)	3.41	(+2.67)	3.83	8	6.78	7.61	84.0	(+35.2)	21	59.4	16.0
March	98.4	(-8.8)	11.28	(+1.79)	3.44	(+1.11)	4.55	13	7.33	7.59	49.3	(-4.6)	10	30.0	9.7
April	200.9	(+54.1)	14.15	(+2.21)	4.51	(+0.89)	4.87	7	9.62	9.11	55.7	(+2.2)	8	17.8	9.9
May	173.5	(-21.4)	15.73	(-0.02)	7.78	(+1.46)	8.15	1	12.25	10.83	81.0	(+31.3)	16	26.9	8.4
June	189.8	(-0.5)	18.96	(+0.36)	9.86	(+0.65)	10.5	0	15.34	13.35	29.2	(-31.0)	15	1.8	6.3
July	179.5	(-23.8)	20.9	(-0.52)	11.84	(+0.48)	12.2	0	17.09	14.97	93.5	(+51.4)	14	33.4	5.3
August	155.7	(-41.1)	21.62	(+0.19)	13.21	(+1.86)	13.6	0	18.42	16.67	52.3	(-1.4)	10	23.1	5.0
September	163.7	(+21.4)	18.58	(+0.59)	10.00	(+0.56)	11.1	0	15.89	16.08	25.6	(-35.4)	5	0.7	5.9
October	95.4	(-16.7)	13.62	(-0.12)	6.58	(-0.07)	7.64	7	12.20	13.75	89.3	(+14.6)	15	47.5	7.9
November	48.6	(-21.5)	11.20	(+1.82)	5.60	(+2.27)	7.06	4	9.68	11.33	132.9	(+66.7)	24	113.0	6.7
December	30.9	(-17.2)	7.52	(+0.33)	4.08	(+2.16)	4.55	6	7.08	9.03	112.6	(+42.5)	25	97.3	9.6
Year	1454.3	(-83.4)	14.33	(+1.0)	6.89	(+1.30)		57			874.8	(+171.2)	184	505.1	

* 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 : 2002														
(Departure from 30-year means (1971 - 2000) in brackets)														
	Sunshine		Mean temperatures oC								Rain		Wind *** km/hr	
	Hours	()	Maximum ()	Minimum ()	Dew point	Ground frosts *	In ground under grass 30 cm 100 cm		Total mm Tipping bucket ()	Rain days **				
January	60.00	(+11.5)	8.65	(+1.93)	2.38	(+1.34)	3.63	12	5.03	6.57	46.8	(-8.5)	23	10.85
February	73.10	(+9.1)	10.17	(+3.08)	3.67	(+3.01)	3.96	9	7.00	7.64	68.2	(+27.6)	22	16.13
March	131.00	(+29.7)	11.63	(+1.75)	3.09	(+0.7)	4.31	10	7.40	7.55	40.0	(-9.6)	17	8.68
April	208.90	(+73.1)	14.56	(+2.31)	4.00	(+0.59)	4.96	7	9.52	8.75	29.4	(-23.3)	14	8.08
May	187.20	(+4.1)	16.08	(+0.04)	7.72	(+1.68)	8.13	1	11.90	10.20	62.4	(+9.7)	20	8.58
June	195.70	(+18.8)	19.37	(+0.43)	9.94	(+0.93)	11.05	0	15.08	12.21	27.6	(-31.2)	16	8.19
July	171.40	(-22.2)	21.59	(-0.13)	11.44	(+0.26)	13.03	0	16.23	13.54	55.2	(+9.6)	18	6.10
August	143.30	(-41.3)	22.25	(+0.66)	12.50	(+1.40)	14.56	0	17.63	15.35	40.2	(-14.3)	18	3.92
September	144.70	(+13.5)	19.19	(+0.94)	8.71	(-0.58)	11.64	0	15.24	14.85	19.4	(-38.7)	7	4.33
October	89.20	(-14.6)	14.05	0.00	5.87	(-0.61)	7.98	5	11.66	12.83	109.8	(+45.4)	18	6.77
November	50.10	(-13.3)	11.13	(+1.50)	5.83	(+2.44)	7.67	1	9.74	10.95	120.2	(+63.0)	25	6.70
December	32.50	(-9.1)	7.56	(+0.05)	3.63	(+1.72)	5.25	5	7.13	8.83	109.6	(+50.1)	26	7.10
Year	1487.1	(+59.3)	14.69	(+1.05)	6.56	(+1.06)		50			728.8	(+79.8)	224	

* 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