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Yields of the Field Experiments

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Results of the
Classical and other
Long-term Experiments
2016

Weather Data

Rothamsted Research

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Rothamsted Research															
The Weather : Monthly Summary : 2016															
(Departure from the 30 year means (1981 - 2010) in brackets)															
Sunshine	Mean temperatures °C														
	Maximum		Minimum		Dew point		Ground	In ground under grass		Rain		Rain	Wind		
Hours	()	°C	()	°C	()	°C	frosts*	30 cm	100 cm	Tipping Bucket	()	days**	20"	km/h***	
										Total mm			mm		
January	64.5	(+2.46)	8.1	(+1.36)	1.8	(+0.63)	3.17	16	6.5	8.6	92.3	(+22.34)	25	153.1	9.7
February	111.5	(+31.19)	8.0	(+1.09)	1.6	(+0.67)	2.29	18	5.9	7.5	46.9	(-3.27)	18	22.9	11.2
March	133.4	(+18.45)	9.2	(-0.65)	1.8	(-0.92)	3.03	18	6.2	7.0	84.3	(+33.52)	16	82.5	9.3
April	167.6	(+6.37)	11.9	(-0.73)	3.5	(-0.52)	4.09	12	8.8	8.5	62.0	(+6.96)	24	26.1	8.4
May	197.0	(+2.40)	17.4	(+1.34)	7.9	(+0.99)	8.51	7	12.4	10.5	39.4	(-15.30)	11	0.6	8.6
June	141.0	(-57.17)	19.0	(-0.11)	11.2	(+1.45)	12.07	0	15.5	13.2	84.8	(+31.58)	22	22.8	5.9
July	210.3	(+5.09)	22.2	(+0.43)	12.8	(+0.89)	12.82	0	17.3	15.1	27.1	(-22.80)	16	1.8	6.8
August	217.6	(+21.38)	22.7	(+1.17)	12.9	(+1.02)	13.0	0	17.1	15.9	30.1	(-33.58)	12	0.1	7.7
September	128.0	(-15.44)	20.4	(+2.10)	12.2	(+2.29)	14.0	0	16.5	16.0	70.3	(+12.68)	16	17.8	6.3
October	104.0	(-7.73)	14.2	(+0.18)	7.4	(+0.30)	9.4	4	12.4	13.8	30.1	(-51.55)	22	2.3	6.6
November	91.1	(+20.40)	8.8	(-0.94)	2.6	(-1.24)	4.4	11	8.6	11.0	85.7	(+9.04)	21	56.2	8.0
December	68.7	(+14.91)	8.7	(+1.77)	2.1	(+0.40)	4.3	18	6.7	8.8	26.2	(-43.28)	24	12.9	6.0
Year	1634.6	(+42.31)	14.2	(+0.58)	6.5	(+0.50)	7.6	104.0	11.1	11.3	679.3	(-53.66)	227.0	399.0	7.9
* Number of nights grass minimum was below 0.0 °C															
** Number of days rain was 0.2 mm or more															
*** At 2 metres above the ground															

Woburn Experimental Farm														
The Weather : Monthly Summary : 2016														
(Departure from 30-year means (1981 - 2010) in brackets)														
Sunshine		Mean temperatures oC					Rain			Wind				
		Maximum	Minimum	Dew point	Ground frosts *	In ground under grass	Total mm	Rain days **						
Hours	()	()	()	point	frosts *	30 cm	100 cm	Tipping bucket	()		km/hr			
January	59.2	(-0.86)	8.5	(+1.43)	2.3	(+0.99)	3.1	19	6.6	9.3	73.6	(+19.10)	21	10.3
February	110.0	(+35.12)	8.5	(+1.15)	1.3	(+0.41)	2.1	20	6.0	8.0	37.8	(-4.36)	12	10.5
March	119.6	(+6.18)	9.6	(-0.75)	1.0	(-1.65)	2.8	19	6.3	7.2	73.0	(+27.12)	13	8.3
April	168.7	(+17.81)	12.5	(-0.53)	3.0	(-0.75)	4.0	17	9.3	8.6	51.5	(-0.68)	19	7.6
May	203.5	(+16.28)	17.7	(+1.12)	6.8	(+0.27)	8.5	9	13.3	10.6	56.1	(+2.85)	12	7.5
June	-	-	19.7	(+0.10)	11.1	(+1.71)	12.0	0	16.9	13.4	141.9	(+91.85)	18	-
July	-	-	22.6	(+0.46)	12.6	(+0.96)	13.1	0	18.9	15.6	22.2	(-27.67)	9	-
August	216.8	(+28.00)	23.2	(+1.28)	12.1	(+0.54)	13.3	0	18.6	16.6	43.1	(-14.75)	13	7.9
September	134.3	(-2.75)	20.8	(+2.10)	12.3	(+2.75)	14.0	0	17.4	16.6	56.5	(-0.62)	16	7.2
October	106.5	(-5.29)	14.9	(+0.50)	6.3	(-0.61)	9.6	9	12.7	14.6	21.6	(-49.20)	16	5.3
November	78.8	(+12.56)	9.1	(-0.86)	2.1	(-1.66)	4.5	17	8.4	11.8	78.3	(+15.86)	22	6.9
December	59.7	(+14.06)	9.3	(+2.12)	1.7	(+0.26)	4.4	18	6.3	9.4	34.4	(-21.31)	20	6.1
Year	-	-	14.7	(+0.68)	6.1	(+0.26)	7.7	128.0	11.8	11.8	690.2	(+38.21)	191.0	-
* 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														
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