Yields of the Field Experiments 2020

Results of the
Classical and other
Long-term Experiments
2020

Weather Summaries

Rothamsted Research

Results of the Classical and other Long-term Experiments 2020 Weather Summaries

Weather Summaries

Rothamsted Research - Harpenden

The weather: Monthly Summary: **2020**

(Departure from the 30 year means (1981 - 2010) in brackets)

	Sunshine		Mean temperatures °C								Rain		Rain	Drainage	Wind
			Maximum		Minimum		Dew point	Ground	In ground under grass		Tipping Bucket (turf wall)			20"	
	Hours	()	°C	()	°C	()	°C	frosts*	30 cm	100 cm	Total mm	()	days**	mm	km/hr***
January	59.4	(-2.65)	8.90	(+2.20)	3.81	(+2.61)	4.55	11	6.73	7.87	79.8	(+9.83)	24	71.3	9.2
February	92.3	(+12.07)	9.71	(+2.80)	3.23	(+2.31)	4.00	10	6.49	7.35	127.0	(+76.86)	23	115.2	14.6
March	166.4	(+51.55)	10.63	(+0.74)	2.73	(+0.06)	2.88	15	6.94	7.38	43.8	(-7.00)	17	10.7	11.4
April	243.1	(+81.93)	16.57	(+3.94)	4.73	(+0.71)	5.43	9	9.73	8.80	51.4	(-3.66)	8	3.4	7.8
May	308.6	(+113.97)	18.85	(+2.77)	6.99	(+0.12)	7.18	8	12.60	11.05	3.2	(-51.49)	2	1.8	7.5
June	199.6	(+1.45)	20.46	(+1.32)	10.94	(+1.18)	10.75	0	15.23	13.31	87.4	(+34.14)	18	2.0	7.4
July	192.2	(-12.96)	21.46	(-0.30)	11.90	(+0.01)	11.47	0	16.72	14.92	81.2	(+31.33)	15	6.5	7.2
August	169.2	(-27.01)	22.96	(+1.39)	14.15	(+2.31)	14.04	0	18.03	16.29	172.0	(+108.27)	15	34.3	7.6
September	185.2	(+41.81)	19.51	(+1.23)	9.79	(-0.13)	10.99	2	15.88	15.67	32.8	(-24.83)	10	1.3	7.4
October	70.9	(-40.85)	13.78	(-0.26)	7.95	(+0.82)	9.21	6	12.60	13.61	198.4	(+116.72)	27	92.1	8.2
November	63.9	(-6.88)	11.52	(+1.80)	5.38	(+1.58)	7.20	11	10.34	11.61	57.4	(-19.23)	24	20.0	7.6
December	50.0	(-3.84)	7.25	(+0.36)	2.60	(+0.94)	3.84	12	7.44	9.35	98.4	(+28.88)	22	94.8	7.9
Year	1800.9	(+208.58)	15.13	(+1.50)	7.02	(+1.04)	7.63	84	11.56	11.43	1032.8	(+299.82)	205	453.4	8.6

* 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 : 2020

(Departure from 30-year means (1981 - 2010) in brackets)

	Sunshine		Mean temperatures °C								Rain		Rain	Wind
			Maximum		Minimum		Dew	Ground	In ground under grass		Total mm			***
	Hours	( )		( )		( )	point	frosts *	30 cm	100 cm	Tipping bucket		days **	km/hr
												( )		
January	61.3	(+1.27)	9.2	(+2.14)	3.9	(+2.66)	4.6	11	6.5	8.3	67.0	(+12.47)	20	9.9
February	89.8	(+14.89)	10.1	(+2.76)	2.9	(+2.01)	4.1	15	6.5	7.8	83.2	(+41.04)	25	14.7
March	176.5	(+63.07)	11.1	(+0.70)	2.0	(-0.65)	3.3	20	7.0	7.9	33.4	(-12.51)	17	10.5
April	243.7	(+92.73)	16.9	(+3.86)	3.6	(-0.14)	5.8	16	10.3	9.1	45.8	(-6.41)	6	6.2
May	315.2	(+127.96)	19.3	(+2.80)	5.2	(-1.37)	8.0	11	13.9	11.4	7.2	(-46.06)	7	6.8
June	215.1	(+27.24)	21.0	(+1.46)	10.3	(+0.87)	11.3	0	17.2	14.0	78.0	(+27.93)	17	7.5
July	196.8	(-0.31)	21.7	(-0.43)	11.5	(-0.09)	12.2	0	17.7	15.6	65.4	(+15.51)	16	8.6
August	161.5	(-27.34)	23.3	(+1.41)	13.5	(+1.91)	14.2	0	19.0	16.9	102.2	(+44.40)	15	7.9
September	182.9	(+45.88)	19.9	(+1.18)	9.1	(-0.52)	10.8	2	15.6	16.1	39.3	(-17.77)	8	7.7
October	60.7	(-51.12)	13.8	(-0.64)	7.7	(+0.76)	8.8	4	12.1	14.0	149.9	(+79.05)	26	8.7
November	60.8	(-5.40)	11.5	(+1.52)	4.8	(+1.03)	6.4	8	9.5	12.0	44.6	(-17.83)	20	8.0
December	39.0	(-6.61)	7.2	(+0.05)	2.3	(+0.81)	3.2	16	6.7	9.6	93.0	(+37.25)	23	7.7
Year	1803.3	(+282.25)	15.4	(+1.39)	6.4	(+0.60)	7.7	103	11.8	11.9	809.1	(+157.06)	200.0	8.7

* Number of nights grass minimum was below 0.0 °C

** Number of days rain was 0.2 mm or more

*** At 2 metres above ground