

6th Month.

JUNE, 30 Days. Begins on Saturday

Moon's Phases.		Quebec.		Montreal.		Kingston.		Toronto.		London.	
	D.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
New Moon.....	2	10	24 mo.	10	18 mo.	10	6 mo.	9	54 mo.	9	46 mo.
First Quarter.....	9	1	49 mo.	1	42 mo.	1	31 mo.	1	19 mo.	1	11 mo.
Full Moon.....	16	0	6 mo.	12	1 mo.	11	48 ev.	11	36 ev.	11	28 ev.
Third Quarter.....	25	0	41 mo.	0	35 mo.	0	23 mo.	0	11 mo.	0	8 mo.

DAYS.		Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
								D.	h.	m. s.
								1	11	57 31
								9	11	58 54
								17	12	0 32
								25	12	2 15
M. Week.		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	North.	R. & S.	Calendar, Aspects, &c.		
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.			
1	Sat.	4 20	7 34	4 27	7 28	22 3	4 2	Very fine day.		
2	F.	4 20	7 36	4 27	7 29	22 11	Sets.	Sunday after Ascension.		
3	Mon.	19	37	26	31	22 19	8 28	Warm and cloudy at night.		
4	Tues.	19	37	26	31	22 6	9 27	There is thunder and some		
5	Wed.	18	38	25	32	22 33	10 20	lightening; storm pas-		
6	Thu.	17	39	24	32	22 39	11 6	off without much vio-		
7	Fri.	17	40	24	34	22 45	11 45	lence.		
8	Sat.	17	41	24	34	22 51	Morn.	Most spring work done.		
9	F.	4 17	7 42	4 24	7 35	23 56	0 22	Whitsunday.		
10	Mon.	17	42	24	36	23 1	0 56	Mon. in Whitsun week.		
11	Tues.	17	43	24	36	23 5	1 28	T. in Whit.w., St. Barnaba.		
12	Wed.	16	43	23	36	23 9	1 59	Some rain and clouds.		
13	Thu.	16	44	23	37	23 13	2 31	Very warm. The sky		
14	Fri.	16	44	23	37	23 16	3 17	lowery, but the weather		
15	Sat.	16	44	23	38	23 19	3 44	will settle very warm.		
16	F.	4 16	7 46	4 23	7 38	23 21	Rises.	Trinity Sunday.		
17	Mon.	16	46	23	39	23 23	7 43	Changeable and yet unse-		
18	Tues.	16	46	23	39	23 25	8 28	tled; warm and dry.		
19	Wed.	16	46	23	39	23 26	9 9	Rather an uncertain week		
20	Thu.	16	47	23	40	23 28	9 48	but on the whole it will		
21	Fri.	16	47	24	40	23 27	10 22	be pleasant.		
22	Sat.	17	47	25	40	23 27	10 56			
23	F.	4 17	7 47	4 25	7 39	23 26	11 28	1st Sunday after Trinity.		
24	Mon.	18	46	25	39	23 25	12 0	St. John Baptist's Day.		
25	Tues.	18	46	25	39	23 24	Morn.	Thunder and storm.		
26	Wed.	18	46	25	39	23 22	0 34	Weather pleasanter; but		
27	Thu.	19	46	26	39	23 20	1 11	we shall have some		
28	Fri.	19	46	26	39	23 17	1 52	heavy showers betimes.		
29	Sat.	20	46	25	38	23 14	2 37	St. Peter.		
30	F.	4 20	7 46	4 25	7 38	23 11	3 30	2nd Sunday after Trinity.		

JUNE.—Mr. Kuhlman, the French agricultural chemist, experimenting on the action of ammonia on grass land, proves guano to be one of the most important manures for increasing the productive power of our pasture and meadow land. He applied ammonia, alone and combined, and found, in all cases, the amount of grass or hay produced was in exact proportion to the amount of nitrogen contained in the manure. Guano, containing a large amount of ammonia, and being its cheapest source, must prove of great benefit in the production of grass. Mr. Lewis, of Rothamsted, has shown that two cwt. of guano per acre gave an increase of eight bushels, and in a field of 14 acres, 20 years consecutively in wheat, by increasing the application of guano from year to year, he has increased its production from 20 bushels to 56 bushels per acre.