






**Crop Weather Calendar of Litchi: Rangpur Region (Districts: Rangpur, Kurigram, Gaibandha, Nilphamari, Lalmonirhat) Bangladesh**

Region: Rangpur	Litchi																				Duration: 168 days			
Months	January				February				March					April				May				June		
Std.Week/Normal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Rainfall (mm)	1	3	2	1	1	2	4	2	3	1	3	6	19	11	20	29	32	50	40	65	62	87	107	91
Max. Temp. (°C)	22.7	22.4	23.2	23.4	24.7	25.9	26.7	27.5	28.5	29.9	30.8	31.6	31.4	32.1	32.5	32.3	32.0	31.9	32.5	32.7	32.2	32.8	32.7	32.4
Min. Temp. (°C)	10.9	10.4	10.8	10.8	11.8	12.7	13.7	14.4	15.3	16.1	17.3	18.4	19.5	20.3	21.1	21.9	21.9	22.3	23.2	23.4	23.9	24.4	25.0	25.2
Mean Temp. (°C)	16.8	16.4	17.0	17.1	18.3	19.3	20.2	21.0	21.9	23.0	24.0	25.0	25.4	26.2	26.8	27.1	27.0	27.1	27.8	28.1	28.0	28.6	28.8	28.8
RHmax (%)	96.0	96.0	95.8	95.7	95.5	94.3	93.7	92.9	91.4	89.8	88.7	88.1	87.7	88.5	88.4	89.9	90.9	92.5	92.2	92.9	92.8	93.3	93.9	94.2
RHMin (%)	58.5	57.8	56.2	54.2	51.6	48.0	47.1	45.3	42.8	39.6	40.8	42.5	48.8	49.7	50.7	56.7	59.0	62.0	62.0	62.9	65.8	66.7	69.0	70.7
RHmean (%)	77.3	76.9	76.0	74.9	73.5	71.2	70.4	69.1	67.1	64.7	64.7	65.3	68.3	69.1	69.5	73.3	75.0	77.3	77.1	77.9	79.3	80.0	81.4	82.4
SShr (hrs)	36.0	36.5	39.5	41.0	44.0	48.5	50.0	51.5	56.5	57.5	57.0	54.0	49.0	51.5	51.0	47.5	47.0	46.5	47.5	49.0	41.0	40.5	38.0	31.5
WD (deg)	199	214	199	210	208	192	201	201	201	207	196	179	152	148	141	135	118	115	120	118	119	123	125	125
WS(Km/hr)	5.7	5.7	5.7	5.6	6.2	6.6	7.5	7.2	7.7	7.8	8.2	8.7	8.7	8.3	8.4	8.3	8.6	7.8	7.7	7.9	6.8	7.4	6.9	7.4
Stages																								
	Flower Bud Formation				Flower panicle emergence				Flowering and Fruit setting					Fruit development				Fruit Maturity and Harvesting						

Congenial Weather Condition for Diseases			
Bacterial leaf Blight			Mean Temp. 23.0°C- 30.0°C, RH: 64-83%
Fruit rot			Mean Temp. 27.0°C -29.0°C, RH: 77-83%
Panicle blight			Mean Temp. 23.0°C- 29.0°C, RH: 67-75%
Fruit blight			Mean Temp. 27.0°C -29.0°C, RH: 77-83%

Congenial weather for insect-pests			
Fruit borer			Mean Temp. 27.0°C -30.0°C, Relative Humidity: 69-84%
Litchi mite			Mean Temp: 17.0°C -29.0°C, Relative Humidity: 74-83%
Leaf minor			Mean Temp: 17.0°C -29.0°C, Relative Humidity: 74-83%

Weather Warning			
Rainfall	> 1 mm		> 15 mm
Cloudy Weather			Cloudy Weather
Relative Humidity			Maximum Humidity > 89% Minimum Humidity > 40%
Hail storm			Hail storm
High wind			> 20 km/hr
Temperature			Max. Temp. > 26.0 °C and Min. Temp. <12.0 °C