






Crop Weather Calendar of Litchi: Rangamati Region (Districts: Rangamati, Khagrachari and Bandarban) Bangladesh

Region: Rangamati	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)	0	0	3	0	0	2	0	10	5	8	4	4	4	21	49	29	26	67	72	63	59	72	122	134
Max. Temp. (°C)	25.7	25.6	26.0	26.6	27.0	28.3	29.3	29.9	30.9	31.7	32.9	33.1	33.0	33.0	33.4	33.7	33.7	33.1	33.0	33.3	32.9	33.0	32.0	31.7
Min. Temp. (°C)	14.0	13.6	13.1	13.0	14.1	14.4	16.0	16.3	17.6	18.4	19.9	20.9	21.7	22.3	22.9	23.6	23.4	23.6	23.9	24.1	24.4	25.0	25.0	25.0
Mean Temp. (°C)	19.9	19.6	19.6	19.8	20.6	21.4	22.7	23.1	24.3	25.1	26.4	27.0	27.4	27.7	28.2	28.7	28.6	28.4	28.5	28.7	28.7	29.0	28.5	28.4
RHmax (%)	95.0	94.7	94.3	94.3	93.4	92.9	91.7	91.0	90.4	89.3	89.3	90.3	90.4	89.9	89.7	90.6	91.4	91.6	91.6	92.0	92.1	92.3	93.0	94.0
RHMin (%)	51.6	50.1	46.1	43.9	44.9	41.7	42.1	39.4	40.0	38.9	39.7	43.7	48.0	49.7	51.1	52.9	54.9	56.4	59.4	61.1	65.9	67.7	69.6	72.7
RHmean (%)	73.3	72.4	70.2	69.1	69.2	67.3	66.9	65.2	65.2	64.1	64.5	67.0	69.2	69.8	70.4	71.8	73.2	74.0	75.5	76.6	79.0	80.0	81.3	83.4
SShr (hrs)	52.0	50.0	53.0	56.0	53.0	57.0	56.0	56.0	59.0	58.0	56.0	52.0	50.0	55.0	54.0	55.0	54.0	50.0	50.0	44.0	42.0	39.0	35.0	30.0
WD (deg)	165	152	162	173	160	176	170	178	193	197	193	201	204	205	205	210	202	207	199	193	191	195	192	186
WS(Km/hr)	3.7	3.7	3.7	3.7	3.7	3.7	4.255	3.7	4.44	4.81	5.4	5.6	5.6	6.1	6.1	5.6	5.6	5.6	5.7	6.1	5.6	5.0	5.6	5.6
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. 25.0 °C- 30.0 °C, RH: 65-85%
Fruit rot			Mean Temp. 28.0°C -30.0°C, RH: 74-85%
Panicle blight			Mean Temp. 24.0 °C- 29.0 °C, RH: 65-74%
Fruit blight			Mean Temp. 28.0°C -30.0°C, RH: 74-85%

Congenial weather for insect-pests			
Fruit borer			Mean Temp. 27.3°C -30.0°C, Relative Humidity: 69-85%
Litchi mite			Mean Temp: 20.0°C -30.0°C, Relative Humidity: 70-80%
Leaf minor			Mean Temp: 17.0°C -29.0°C, Relative Humidity: 70-80%

Weather Warning			
Rainfall	> 2 mm		> 20 mm
Cloudy Weather			Cloudy Weather
Relative Humidity			Maximum Humidity > 90% Minimum Humidity > 40%
Hail storm			Hail storm
High wind			> 20 km/hr
Temperature			Max. Temp. > 29.0 °C and Min. Temp. <14.0 °C