







Crop Weather Calendar of Guava: Barishal Region (Dists.: Barishal, Jhalakati, Patuakhali, Pirujpur, Barguna, Bhola) Bangladesh

Region: Barishal	Guava																	Duration: 140 days			
Months	Jan	February				March				April				May				June			
Std.Week/Normal	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Rainfall (mm)	2.7	3.7	5.0	8.0	5.7	5.3	6.0	14.3	18.0	18.0	21.7	25.0	34.7	40.7	52.7	49.0	69.3	66.7	85.3	105.3	
Max. Temp. (°C)	27.0	27.8	28.9	29.7	30.7	31.7	32.7	33.0	32.9	33.3	33.7	33.5	33.5	33.6	33.4	33.4	33.2	33.3	32.8	31.9	
Min. Temp. (°C)	14.0	14.6	16.2	16.9	18.3	19.5	20.5	22.1	22.8	23.7	24.0	24.6	24.4	24.4	25.1	25.2	25.7	26.0	26.1	26.0	
Mean Temp. (°C)	20.5	21.2	22.5	23.3	24.5	25.6	26.6	27.6	27.9	28.5	28.8	29.1	29.0	29.0	29.3	29.3	29.5	29.6	29.4	28.9	
RHmax (%)	97.3	97.1	97.0	97.0	96.7	97.1	96.7	96.5	96.5	96.6	96.4	96.0	96.0	96.1	96.2	96.1	96.2	96.5	96.4	96.6	
RHMin (%)	46.2	44.8	46.2	45.1	44.9	45.2	45.3	50.7	54.4	58.0	59.8	61.9	62.5	64.2	65.9	67.5	69.6	70.9	73.2	76.9	
RHmean (%)	71.7	70.9	71.6	71.0	70.8	71.2	71.0	73.6	75.4	77.3	78.1	78.9	79.3	80.1	81.1	81.8	82.9	83.7	84.8	86.8	
SShr (hrs)	50.3	52.3	51.7	52.0	53.7	54.0	54.3	52.3	50.7	53.0	51.3	54.7	51.7	49.0	48.0	46.0	37.3	37.3	30.7	23.0	
WD (deg)	217	211	214	211	214	226	218	210	198	200	198	197	191	190	192	189	186	187	185	177	
WS(Km/hr)	5.0	4.6	4.9	4.9	5.1	5.2	5.4	6.3	6.7	6.9	7.0	7.5	7.2	7.0	7.3	7.1	7.0	7.0	6.3	6.5	
Stages																					
	Appearance of flower buds		Flower bud visible		Flower opening		Fruit setting		Fruit growth				Fruit maturity and ripening								

Congenial Weather Condition for Diseases		
Wilt	Mean Temp. 20.0°C- 29.0°C, RH: 70-72%	Mean Temp. 26.0°C- 30.0°C, RH: 70-88%
Fruit rot		Mean Temp. 26.0°C -30.0°C, Relative Humidity: 70-87%
Dieback	Mean Temp. 20.0°C- 29.0°C, RH: 70-72%	Mean Temp. 26.0°C- 30.0°C, RH: 70-88%
Anthraxnose		Mean Temp: 25.0°C -30.0°C, Relative Humidity: 70-87%
Canker		Mean Temp: 25.0°C -30.0°C, Relative Humidity: 70-87%

Congenial weather for insect-pests			
Fruit fly			Mean Temp. 26.0°C -30.0°C, Relative Humidity: 70-85%
Fruit borer			Mean Temp: 25.0°C -30.0°C, Relative Humidity: 71-86%
Aphids	Mean Temp: 18.0°C -29.0°C, Relative Humidity: 60-75%		
White flies	Mean Temp: 18.0°C -30.0°C, Relative Humidity: 65-75%		
Mealy bugs	Mean Temp: 18.0°C -31.0°C, Relative Humidity: 70-78%		

Weather Warning		
Rainfall	> 10 mm	> 44 mm
Cloudy Weather	Cloudy Weather	
Relative Humidity	Maximum Humidity > 95% Minimum Humidity > 45%	
Hail storm	Hail storm	
High wind	> 20 km/hr	
Temperature	Max. Temp. > 30.0°C and Min. Temp. >19.0°C	