





Crop Weather Calendar of Papaya: Barishal Region (Districts: Barishal, Jhalakati, Patuakhali, Pirujpur, Barguna, Bhola) Bangladesh

Region: Barishal	Papaya																								Duration: 365-373 days					
Months	Feb.	March				April				May				June				July				August				September-February				
Std.Week/Normal	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	-12
Rainfall (mm)	14	18	18	22	25	35	41	53	49	69	67	85	105	130	126	129	92	112	115	100	93	96	82	81	73	78	72	75	55	14
Max. Temp. (°C)	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	31.3	31.0	31.0	31.1	30.8	31.0	31.2	31.2	31.0	31.5	31.5	31.2	31.5	32.0	32.0	31.9	33.0
Min. Temp. (°C)	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	26.0	26.0	26.0	26.0	26.0	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9	26.0	25.5	25.2	22.1
Mean Temp. (°C)	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	28.6	28.5	28.5	28.6	28.4	28.5	28.6	28.6	28.5	28.8	28.8	28.6	28.7	29.0	28.7	28.6	27.6
RHmax (%)	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	97.0	97.3	97.4	97.4	97.4	97.6	97.4	97.3	97.2	97.3	97.3	97.4	97.7	97.6	98.0	97.9	96.5
RHMin (%)	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	79.2	80.6	80.7	79.4	81.0	80.0	78.9	78.6	79.0	77.6	77.4	77.6	76.4	74.6	73.9	72.3	50.7
RHmean (%)	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	88.1	89.0	89.0	88.4	89.2	88.8	88.2	88.0	88.1	87.5	87.4	87.5	87.1	86.1	85.9	85.1	73.6
SShr (hrs)	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	21.3	20.3	20.3	23.3	21.0	25.3	26.0	25.7	26.0	27.3	29.0	28.3	29.3	29.7	33.0	36.7	52.3
WD (deg)	210	198	200	198	197	191	190	192	189	186	187	185	177	179	175	180	175	177	175	173	180	176	184	182	185	191	209	212	220	210
WS(Km/hr)	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	6.8	6.5	6.5	6.5	6.5	6.5	6.4	5.6	6.5	5.7	5.6	5.0	5.0	4.5	4.5	4.0	6.3
Stages																														
	Seedling raising & transplantation				Vegetative stage								Flowering Stage				Fruit production and Harvesting													

Congenial Weather Condition for Diseases	
Fruit rot	Temperature 30.5°C to 35°C, hot, humid weather and relative humidity >80%.
Powdery mildew	Temperature 21-24°C; relative humidity below 70% with cloudy weather
Mosaic virus	Temperature (22.0 to 26°C), relative humidity >80% with dry weather
Leaf curl virus	Temp 22. 0°C to 27.0°C; with warm weather

Congenial weather for insect-pests	
Mealybug	Temp. 22.0 – 25.0°C, RH: 65-70%
Papaya Whitefly	Temp. 22.0 – 25.0°C, RH: 50 –80%
Papaya Aphids	Temp. 22.0 – 26.0°C, RH: 60 - 70%
Red mite	Temp. 22.0 – 25.5°C, RH:- 80-90%
Root knot nematode	Temp. 22.0 – 25.0°C, RH:- 60-80%

Weather Warning	
Rainfall	> 40 mm
Cloudy Weather	Cloudy Weather
Relative Humidity	Maximum Humidity > 92% Minimum Humidity < 40%
Hail storm	Hail storm
High wind	> 20 km/hr
Temperature	Max. Temp. > 35.0 °C and Min. Temp. < 25.0 °C