





Crop Weather Calendar of Papaya: Jashore Region (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura) Bangladesh

Region: Jessore	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)	12	12	12	7	13	22	29	31	36	45	39	50	55	81	73	82	72	84	73	64	56	68	49	51	53	68	59	70	45	12
Max. Temp. (°C)	34.7	34.6	35.5	36.1	36.5	36.3	36.0	36.0	35.9	35.5	35.6	35.3	34.0	33.3	33.0	32.7	32.9	32.7	33.0	32.8	32.7	33.1	33.3	32.9	32.9	33.0	33.2	33.2	34.7	
Min. Temp. (°C)	20.8	21.8	22.8	23.5	24.1	24.2	24.2	25.2	25.0	25.5	26.0	26.2	26.2	26.1	26.2	26.0	26.1	26.2	26.2	26.0	26.2	26.0	26.1	26.0	26.0	26.0	26.0	25.3	25.1	20.8
Mean Temp. (°C)	27.7	28.2	29.2	29.8	30.3	30.3	30.1	30.6	30.4	30.5	30.8	30.7	30.1	29.7	29.6	29.4	29.5	29.5	29.4	29.5	29.5	29.3	29.6	29.6	29.5	29.5	29.5	29.2	29.1	27.7
RHmax (%)	92.1	92.4	92.4	92.9	92.4	92.3	92.8	92.7	93.1	93.6	94.0	94.1	94.8	95.7	96.0	96.1	96.1	96.1	96.1	96.0	96.2	96.5	96.2	96.2	96.4	96.6	96.3	96.6	96.5	92.1
RHMin (%)	36.7	42.0	41.5	41.6	44.3	46.9	49.9	51.7	54.8	58.7	60.0	62.1	67.5	71.7	73.5	74.4	73.4	74.6	73.4	72.6	73.0	73.0	71.7	71.0	71.5	70.8	69.7	67.7	67.0	36.7
RHmean (%)	64.4	67.2	66.9	67.2	68.3	69.6	71.3	72.2	74.0	76.1	77.0	78.1	81.1	83.7	84.7	85.2	84.7	85.3	84.7	84.3	84.6	84.7	83.9	83.6	83.9	83.7	83.0	82.1	81.7	64.4
SShr (hrs)	53.0	51.5	55.5	54.5	54.5	55.5	54.0	51.5	52.5	46.5	45.5	41.5	32.0	26.5	26.0	24.5	29.0	25.0	29.5	32.5	30.0	28.0	30.5	32.5	31.5	33.0	32.5	38.5	40.0	53.0
WD (deg)	212	208	209	204	193	188	186	186	180	181	180	183	174	175	178	186	178	180	177	172	175	175	185	171	180	186	187	195	195	212
WS(Km/hr)	4.4	4.7	5.1	5.2	5.7	5.6	5.6	5.8	5.2	5.2	5.0	4.6	4.9	4.6	4.6	4.4	4.3	4.4	4.7	4.3	4.4	4.3	3.9	4.1	4.1	4.1	3.8	3.7	3.1	4.4
Stages																														
	Seedling raising & transplantation				Vegetative stage				Flowering Stage				Fruit production and Harvesting																	

Congenial Weather Condition for Diseases		
Fruit rot		Temperature 32.0°C to 36.0°C, hot, humid weather and relative humidity >80%.
Powdery mildew		Temperature 24-26°C; relative humidity below 70% with cloudy weather
Mosaic virus		Temperature (20.0 to 26°C), relative humidity >80% with dry weather
Leaf curl virus		Temp 20.0°C to 27.0°C; with warm weather

Congenial weather for insect-pests		
Mealybug		Temp. 20.0 – 26.0°C, RH: 65-70%
Papaya Whitefly		Temp. 20.0 – 26.0°C, RH: 50 –80%
Papaya Aphids		Temp. 20.0 – 25.0°C, RH: 60 - 70%
Red mite		Temp. 20.0 – 25.5°C, RH:- 80-90%
Root knot nematode		Temp. 15.0 - 26°C, RH:- 60-80%

Weather Warning		
Rainfall		> 45 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. > 34 °C and Min. Temp. < 26 °C