







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

Region: Khulna	Mango																				Duration: 160-165 days				
Months	January			February				March				April				May				June				July	
Std.Week/Normal	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Rainfall (mm)	1.5	2.5	3.0	6.5	5.0	4.5	8.0	4.0	2.5	4.5	11.5	12.0	11.5	7.0	12.5	21.5	28.5	30.5	36.0	44.5	38.5	49.5	54.5	81.0	
Max. Temp. (°C)	24.5	25.1	25.6	26.6	27.8	28.9	30.0	31.0	32.4	33.6	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	
Min. Temp. (°C)	10.7	11.0	10.8	12.0	13.3	14.7	15.6	16.4	17.7	19.0	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	
Mean Temp. (°C)	17.6	18.0	18.2	19.3	20.5	21.8	22.8	23.7	25.0	26.3	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	
RHmax (%)	95.3	95.3	94.9	94.9	94.2	94.0	93.7	93.2	92.5	92.1	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	
RHMin (%)	47.9	47.0	44.7	44.2	42.2	41.0	39.3	36.5	35.4	34.9	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	
RHmean (%)	71.6	71.2	69.8	69.5	68.2	67.5	66.5	64.9	63.9	63.5	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	
SShr (hrs)	42.5	44.5	48.0	47.5	49.5	50.0	54.5	55.0	54.0	55.0	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	
WD (deg)	156	188	192	186	191	203	214	219	213	230	212	208	209	204	193	188	186	186	180	181	180	183	174	175	
WS(Km/hr)	3.0	3.0	3.0	3.2	3.1	3.3	3.7	3.5	3.9	4.1	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	
Stages																									
	Swelling of apical buds			Panicle elongation				Panicle growth & flowering				Pea stage				Fruit development /Fruit growing stage				Maturity/Ripening/Harvesting stage					

Congenial Weather Condition for Diseases							
Anthraxnose						Average temp. 20 to 30°C , free water or RH above 95%	
Powdery mildew				Warm days and cool nights, moderate temperatures (20-30° C) and shade or low light intensities as well as high RH above 95%			
Fruit rot						High humidity, high soil moisture, cloudiness and low temperatures below 24°C for few days	
Malformation (fungus fusarium)			High temperatures and warm moist soils				
Dieback	High humidity, high soil moisture, cloudiness and low temperatures below 20°C for few days						

Congenial weather for insect-pests				
Mango hopper	Temperature: 11.2-28.0°C		Temperature: 23.6-35.6°C	Temperature: 25.9-33.2°C
Mango fruit fly			Temperature: 23.6-35.6°C	
Mango fruit weevil	Temperature: 11.2-28.0°C	Temperature: 14.4-33.0°C	Temperature: 23.6-35.6°C	Temperature: 25.9-33.2°C
Mango defoliator	Temperature: 11.2-28.0°C	Temperature: 14.4-33.0°C	Temperature: 23.6-35.6°C	Temperature: 25.9-33.2°C
Mango leaf cutting weevil			Temperature: 14.4 -35.6°C	

Weather Warning				
Rainfall			> 3 mm	> 44 mm
Cloudy Weather			Cloudy Weather	Cloudy Weather
Relative Humidity			Maximum Humidity > 90% Minimum Humidity < 40%	Maximum Humidity > 92% Minimum Humidity < 70%
Hail storm			Hail storm	Hail storm
High wind			> 20 km/hr	> 20 km/hr
Temperature			Max. Temp. > 33 °C and Min. Temp. < 20 °C	Max. Temp. > 33 °C and Min. Temp. < 25 °C