









Crop Weather Calendar of Robi Cucumber:JashoreRegion (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura)

Bangladeshরবিশসআবহাওয়াপঞ্জিকাঃ

Region: Jashore	Robi Cucumber					Life cycle 140-150																			
Months	March					April					May					June					July				
Std.Week/Normal	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	৩০			
Rainfall (mm)	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	72.5	82.0	72.0	83.5	৭৩.০			
Max. Temp. (°C)	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	33.0	32.7	32.9	32.7	৩২.৭			
Min. Temp. (°C)	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	26.2	26.0	26.1	26.2	২৬.২			
Mean Temp. (°C)	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	29.6	29.4	29.5	29.5	২৯.৮			
RHmax (%)	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	96.0	96.1	96.1	96.1	৯৬.১			
RHMin (%)	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	73.5	74.4	73.4	74.6	৭৩.৮			
RHmean (%)	64.9	63.9	63.9	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	৮৪.৭			
SShr (hrs)	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	26.0	24.5	29.0	25.0	২৯.৫			
WD (deg)	219	213	230	212	208	209	204	193	188	186	186	180	181	180	183	174	175	178	186	178	180	১৭৭			
WS(Km/hr)	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	4.6	4.4	4.3	4.4	৪.৭			
																									
Stage	Spouting & Seedling					vegetative growth					Flowering & fruiting					Harvesting									
Favorable environment																									
Temperature	25 °C-30 °C , Below 15 °C and above 35 °C growth will be retard ; high temperature, long day length and high light intensity hampered female flower production;																								
Relative Humidity	60% to 70% during the day and higher at night																								
Soil Temperature	15.5° C - 32 °C																								
Sunshine Hour	6 to 8 hr of sunlight to thrive																								
Favorable conditions for insects and diseases																									
Fruit fly	Abundance increases when the temperatures fall below 32°C (10 to 30 °C), RH: 60 to 70%																								
Pumpkin beetle	Temperature: 25-38°C,RH: 65-80%																								
Epilachna beetle	Temperature:22-35 ° C,RH: 50-70%																								
Bacterial angular leaf spot	23°C to 28°C, RH:85% to 95% or above, Favored by rainy weather and humid condition																								
Cucumber mosaic virus	26 °Cto 32 °C, disease development favored by certain rising of temperature, rainfall and relative humidity																								
Weather warning																									
Rainfall (mm)	20-30 mm (Creates water logging condition)																								
Cloudy weather	Cloudy condition																								
Drought	Drought due to excessive dry weather																								
Duration of staying wet	2 to 3 days if the water stagnant condition prevail																								
Hailstorm	Late season rainfall with hailstorms																								
Wind spread (Km/hr.)	40 Km/hr or more																								

Temperature (°C)	Below 15 °C and above 35 °C growth will be retard; high temperature, long day length and high light intensity hampered female flower production
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Crop Weather Calendar of Kharif Cucumber:JashoreRegion (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura) Bangladesh

Region: Jashore	Kharif Cucumber																জীবনকালঃ১৪০-১৫০											
Months	April				May				June				July				August				September							
Std.Week/Normal	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		
Rainfall (mm)	11.5	7.0	12.5	21.5	28.5	30.5	36.0	44.5	38.5	49.5	54.5	81.0	72.5	82.0	72.0	83.5	73.0	63.5	56.0	68.0	48.5	50.5	52.5	68.0	59.0	69.5		
Max. Temp. (°C)	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	32.7	33.0	32.8	32.7	33.1	33.3	32.9	32.9	33.0	33.2		
Min. Temp. (°C)	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		
Mean Temp. (°C)	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		
RHmax (%)	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		
RHMin (%)	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		
RHmean (%)	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		
SShr (hrs)	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		
WD (deg)	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		
WS(Km/hr)	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		
																												
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