









Crop Weather Calendar of Rabi Cucumber: Rajshahi Region (Districts: Rajshahi, Chapainoabgonj, Naoga, Natore) Bangladesh

Rajshahi Region					Rabi Cucumber									Life span 100-120 day			
Months	November				December					January				February			
Std.Week/Normal	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8
Rainfall (mm)	7.0	5.0	1.0	0.0	2.0	1.0	3.0	0.0	4.0	1.0	1.0	2.0	1.0	4.0	3.0	2.0	3.0
Max. Temp. (°C)	31.7	31.0	30.4	30.4	29.6	27.0	26.0	25.4	24.4	24.0	23.9	24.0	24.9	25.6	26.7	28.1	29.3
Min. Temp. (°C)	23.1	21.4	20.7	19.3	17.6	14.0	13.1	12.4	11.6	11.0	10.9	10.9	10.9	12.0	12.3	13.6	14.1
Mean Temp. (°C)	27.4	26.2	25.6	24.9	23.6	20.5	19.6	18.9	18.0	17.5	17.4	17.5	17.9	18.8	19.5	20.9	21.7
RHmax (%)	96.1	96.0	95.9	96.1	95.7	94.7	95.9	95.3	95.7	95.6	95.1	95.3	95.3	95.3	94.0	93.9	92.0
RHMin (%)	60.9	57.4	55.9	51.9	49.4	46.9	50.1	50.0	50.0	50.1	48.4	47.9	45.7	44.7	42.0	40.3	36.6
RHmean (%)	78.5	76.7	75.9	74.0	72.6	70.8	73.0	72.7	72.9	72.9	71.8	71.6	70.5	70.0	68.0	67.1	64.3
SShr (hrs)	53.0	56.0	55.0	57.0	54.0	51.0	47.0	46.0	44.0	42.0	42.0	46.0	52.0	51.0	55.0	56.0	58.0
WD (deg)	146	146	122	137	151	143	146	144	167	146	161	174	196	198	195	197	215
WS(Km/hr)	3.9	4.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.9	3.7	3.7	4.4	3.9	5.0	3.9	5.0
																	
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																

Crop Weather Calendar of KharifCucumber: Rajshahi Region (Districts: Rajshahi, Chapainoabgonj, Naoga, Natore) Bangladesh

Rajshahi Region	Rabi Cucumber									Life span 80-90 day			
Months	April				May					June			
Std.Week/Normal	14	15	16	17	18	19	20	21	22	23	24	25	26
Rainfall (mm)	13.0	10.0	19.0	17.0	24.0	29.0	33.0	36.0	34.0	48.0	51.0	78.0	72.0
Max. Temp. (°C)	36.1	36.7	36.4	35.9	35.4	35.3	35.1	35.0	35.3	35.0	33.9	33.1	33.0
Min. Temp. (°C)	22.1	23.0	23.4	23.9	23.7	24.3	24.6	25.0	25.4	25.9	26.0	26.0	26.0
Mean Temp. (°C)	29.1	29.9	29.9	29.9	29.6	29.8	29.9	30.0	30.4	30.5	30.0	29.6	29.5
RHmax (%)	88.9	89.0	90.1	90.7	92.1	92.7	93.3	93.1	93.7	94.6	95.4	96.1	96.6
RHMin (%)	34.3	34.6	41.4	45.1	50.0	51.9	55.6	58.3	58.9	62.6	67.9	71.1	73.4
RHmean (%)	61.6	61.8	65.8	67.9	71.1	72.3	74.5	75.7	76.3	78.6	81.7	83.6	85.0
SShr (hrs)	57.0	57.0	57.0	56.0	52.0	53.0	54.0	48.0	51.0	48.0	35.0	31.0	31.0
WD (deg)	185	185	267	147	136	136	135	126	133	139	129	127	132
WS(Km/hr)	6.1	6.1	8.2	7.4	7.4	7.2	7.2	7.2	7.2	6.7	6.7	6.8	6.8
													
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