






Crop Weather Calendar of Green Gram Robi :BarishalRegion (Districts: Barishal,Jhalakati, Patuakhali, Pirujpur, Barguna, Bhola)Bangladesh

Region: Barishal	Green Gram Robi							Duration: 65-70 days		
Months	January		February				March			
Std.Week/Normal	3	4	5	6	7	8	9	10	11	12
Rainfall (mm)	1.0	1.7	2.7	3.7	5.0	8.0	5.7	5.3	6.0	14.3
Max. Temp. (°C)	25.8	26.2	27.0	27.8	28.9	29.7	30.7	31.7	32.7	33.0
Min. Temp. (°C)	12.7	12.5	14.0	14.6	16.2	16.9	18.3	19.5	20.5	22.1
Mean Temp. (°C)	19.2	19.4	20.5	21.2	22.5	23.3	24.5	25.6	26.6	27.6
RHmax (%)	97.6	97.6	97.3	97.1	97.0	97.0	96.7	97.1	96.7	96.5
RHMin (%)	48.5	45.2	46.2	44.8	46.2	45.1	44.9	45.2	45.3	50.7
RHmean (%)	73.1	71.4	71.7	70.9	71.6	71.0	70.8	71.2	71.0	73.6
SShr (hrs)	47.3	52.7	50.3	52.3	51.7	52.0	53.7	54.0	54.3	52.3
WD (deg)	204	216	217	211	214	211	214	226	218	210
WS(Km/hr)	4.5	4.3	5.0	4.6	4.9	4.9	5.1	5.2	5.4	6.3
Stages										
	Germination	Vegetative				Flowering	Pod initiation		Maturity to Harvesting	

Favorable Weather Conditions	
Temperature (°C)	>15°C 19-28°C
Relative Humidity	71-74%
Soil Temperature (°C)	17-26°C
Sunshine (hr)	6.5-7.5 hr

Congenial Weather Condition for Pests & Diseases	
Cercospora leaf spot	Temperature 25-35°C with high temperature above 16°C and RH 90-95%.
Powderymildew	Temperature 20-25°C and moderately humid weather
Yellow mosaic virus	Temperature 17-30 °C RH 65-70% and rainfall 8-10 mm (for vector: white fly)
Hairy caterpillar	High temperature and high humidity
Thrips	Dry and moderately high temperature (16-28 °C),Rainfall 30 mm
Aphids	Temperature 18-25°C and RH 60-70%
Pod borer	Temperature 16-30°C ,RH 50-85% and sunshine hours of 6.4
Flea beetle	Warm,dry and calm weather

Weather Warning	
Rainfall	>75mm/ day >50mm/ day >50mm/ day
Cloudy Weather	Cloudy weather Cloudy weather
Drought	15=20 days 15=20 days
Duration of wet spell	>25mm for 3-4 days >25mm for 3-4 days >25mm for 3-4 days
Hail storm	Hail storm Hail storm Hail storm
High wind	>25KM/HR >25KM/HR >25KM/HR
Temperature	Min <10 °C and max. >30°C Min <15°C and max. >35°C Min <15°C and max. >35°C