






**Crop Weather Calendar of Green Gram Robi :Chattogram Region (Districts: Chattogram, Lakshmipur, Coxsbazar, Noakhali and Feni) Bangladesh**

Region: Chattogram	Green Gram Robi							Duration: 65-70 days		
Months	September				October			November		
Std.Week/Normal	36	37	38	39	40	41	42	43	44	45
Rainfall (mm)	92.7	73.3	73.7	60.3	66.7	75.7	43.7	26.0	19.3	21.7
Max. Temp. (°C)	31.4	31.9	31.9	32.1	32.2	31.9	32.1	31.9	31.5	31.2
Min. Temp. (°C)	25.2	25.1	25.2	25.1	25.0	24.8	24.5	23.3	22.8	21.6
Mean Temp. (°C)	28.3	28.5	28.5	28.6	28.6	28.3	28.3	27.6	27.1	26.4
RHmax (%)	95.6	95.7	95.7	95.7	96.0	96.1	95.8	95.0	94.9	94.7
RHMin (%)	73.4	72.2	71.5	70.2	69.9	68.8	66.7	62.2	62.2	58.1
RHmean (%)	84.5	83.9	83.6	82.9	82.9	82.4	81.2	78.6	78.6	76.4
SShr (hrs)	35.8	39.3	39.5	42.5	42.8	45.8	49.8	53.3	52.3	54.0
WD (deg)	185	190	194	202	209	203	215	201	196	195
WS(Km/hr)	8.6	8.3	7.6	7.4	6.8	6.7	6.9	6.2	6.0	5.9
Stages										
	Germination	Vegetative				Flowering	Pod initiation		Maturity to Harvesting	

Favorable Weather Conditions		
Temperature (°C)	>15°C	26-29°C
Relative Humidity	76-85%	
Soil Temperature (°C)	24-27°C	
Sunshine (hr)	5.0-7.5 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		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	