






**Crop Weather Calendar of Green Gram Robi: Dhaka Region (Districts: Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj)**  
**Bangladesh**

Region: Dhaka	Green Gram Robi						Duration: 65-70 days			
Months	September		October				November			
Std. Week/Normal	38	39	40	41	42	43	44	45	46	47
Rainfall (mm)	70.0	69.0	47.0	42.0	40.5	26.0	12.5	10.0	6.0	1.5
Max. Temp. (°C)	32.3	32.3	32.5	32.3	32.0	31.5	30.9	30.6	29.8	29.0
Min. Temp. (°C)	26.0	25.7	25.3	24.8	23.8	22.3	21.5	20.5	18.7	17.7
Mean Temp. (°C)	29.1	29.0	28.9	28.5	27.9	26.9	26.2	25.5	24.3	23.3
RHmax (%)	95.0	95.5	95.4	95.4	95.0	94.8	94.5	95.0	94.7	94.6
RHMin (%)	69.7	68.0	65.7	63.0	60.2	55.5	54.6	51.5	49.3	47.5
RHmean (%)	82.3	81.8	80.6	79.2	77.6	75.2	74.6	73.2	72.0	71.0
SShr (hrs)	32.0	34.0	40.0	44.0	47.5	54.0	49.5	51.5	51.5	52.0
WD (deg)	176	195	194	198	192	190	190	189	199	212
WS(Km/hr)	4.3	4.6	4.0	3.9	4.1	3.8	3.7	3.7	3.7	3.7
Stages										
	Germination	Vegetative				Flowering	Pod initiation		Maturity to Harvesting	

Favorable Weather Conditions		
Temperature (°C)	>15°C	23-29°C
Relative Humidity	71-82%	
Soil Temperature (°C)	21-27°C	
Sunshine (hr)	4.5-7.0hr	

Congenial Weather Condition for Pests & Diseases			
Cercospora leaf spot		Temperature 25-35°C with high temperature above 16°C and RH 90-95%.	
Powdery mildew		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	
Pod borer			Temperature 16-30°C ,RH 50-85% and sunshine hours of 6.4

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	