Crop Weather Calendar of Green Gram Robi :Khulna Region (Districts: Khulna, Satkhira, Bagerhat and Narail)**Bangladesh**

Region: Khulna	**Green Gram Robi**							**Duration: 65-70 days**		
Months	**February**		**March**				**April**			
Std.Week/Normal	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
Rainfall (mm)	5.0	13.5	6.5	2.5	6.5	13.5	16.0	12.5	12.5	17.5
Max. Temp. (°C)	29.0	30.1	31.0	32.4	33.4	34.1	34.0	35.0	35.2	35.2
Min. Temp. (°C)	16.2	17.0	18.1	19.4	20.4	22.0	22.7	24.0	24.3	24.9
Mean Temp. (°C)	22.6	23.6	24.5	25.9	26.9	28.1	28.4	29.5	29.8	30.1
RHmax (%)	94.3	94.3	93.7	93.7	93.5	94.5	94.1	94.3	93.7	93.3
RHMin (%)	43.9	41.8	40.7	40.7	40.2	44.2	47.3	48.8	49.2	52.4
RHmean (%)	69.1	68.0	67.2	67.2	66.8	69.3	70.7	71.5	71.4	72.8
SShr (hrs)	55.5	55.5	57.5	57.5	59.0	57.0	56.5	59.0	60.0	61.5
WD (deg)	209	218	222	227	233	204	203	202	196	192
WS(Km/hr)	4.8	5.0	4.9	5.2	5.6	6.3	7.2	7.1	7.6	7.6
Stages										
	Germination	Vegetative					Flowering	Pod initiation		Maturity to Harvesting

Favorable Weather Conditions		
Temperature (°C)	>15°C	23-30°C
Relative Humidity	67-73%	
Soil Temperature (°C)	21-28°C	
Sunshine (hr)	8.0-8.5hr	

Congenial Weather Condition for Pests & Diseases					
Cercospora leaf spot		Temperature 25-35°C with nigh 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			
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	